

## BAB 4. IMPLEMENTASI SISTEM

Pada bab ini akan dibahas tentang implementasi sistem sesuai dengan analisa dan desain sistem. Implementasi sistem meliputi pengaturan *database* dan implementasi aplikasi.

Tabel 4.1. Daftar Hubungan Fitur, *Activity Diagram* dan Segmen Program

<b>Nama Fitur</b>	<b>Activity Diagram</b>	<b>Segmen Program</b>
<i>Login</i>	Gambar 3.11	Segmen Program 4.2 Segmen Program 4.3 Segmen Program 4.4 Segmen Program 4.5
<i>Logout</i>	-	Segmen Program 4.6 Segmen Program 4.7 Segmen Program 4.8 Segmen Program 4.9
<i>Register</i>	Gambar 3.12	Segmen Program 4.10
Ganti akun <i>e-commerce</i>	Gambar 3.19	Segmen Program 4.11
<i>Add</i> Barang	Gambar 5.8	Segmen Program 4.12 Segmen Program 4.13 Segmen Program 4.14 Segmen Program 4.15
<i>Edit</i> Barang	Gambar 3.18	Segmen Program 4.16 Segmen Program 4.17 Segmen Program 4.18 Segmen Program 4.19
<i>Delete</i> Barang	Gambar 3.18	Segmen Program 4.20 Segmen Program 4.21 Segmen Program 4.22 Segmen Program 4.23
<i>Add</i> Kelompok Barang	Gambar 3.17	Segmen Program 4.24
<i>Edit</i> Kelompok Barang	Gambar 3.18	Segmen Program 4.25
<i>Delete</i> Kelompok Barang	Gambar 3.18	Segmen Program 4.26

<i>Get Order</i>	Gambar 3.9	Segmen Program 4.27 Segmen Program 4.28 Segmen Program 4.29 Segmen Program 4.30
Update Order	Gambar 3.10	Segmen Program 4.31 Segmen Program 4.32 Segmen Program 4.33 Segmen Program 4.34
<i>Gmail Notification</i>	-	Segmen Program 4.35
Retur Barang	-	Segmen Program 4.36

#### 4.2. Koneksi Database

Melakukan koneksi *database* diperlukan untuk dapat mengakses, menambah dan mengelola data yang tersimpan. Koneksi *database* ini menghubungkan antara program dengan database MySQL. Pada Segmen Program 4.1 dapat dilihat *source code* koneksi *database* program.

##### Segmen Program 4.1. *Source Code* koneksi Database MySQL

```
function connjob() {
    $servername = "localhost";
    $username = " ";
    $password = " ";
    $dbname = "m26415108";
    $conn = new mysqli($servername, $username, $password,
    $dbname);
    if($conn -> connect_error) {
        die("Connection failed: ".$conn -> connect_error);
    }
    return $conn;
}
```

#### 4.3. Implementasi Program

Implementasi program berupa potongan/segmen *source code* aplikasi dalam bahasa pemrograman PHP, HTML dan menggunakan *database* MySQL.

### 4.3.1. Login

Pada Segmen Program 4.2 merupakan *source code* dari melakukan *login*. *Login* ini mengambil *database* untuk mencocokkan dengan *username* dan *password* yang telah dimasukkan oleh pengguna. Setelah itu jika ada 1 maka program mengambil data dan *login* sesuai dengan *username, password* dari *e-commerce*.

#### Segmen Program 4.2. Source Code Login

```
if (isset($_POST["dbLoginUser"]))
{
    $username = $_POST["usernameakun"];
    $password = $_POST["passwordakun"];
    $data = dbLoginUser($username, $password);
    if ($data["benar"] == 1)
    {
        setcookie("akuncookie", $username, time() + 3600, "/",
"opensource.petra.ac.id", 0);
        $_SESSION["akunsession"] = $username;
        $datatp = Istponoff($username);
        $databl = Isblonoff($username);
        $datakas = Iskasonoff($username);

        if ($datatp["status"] == true)
        {
            $tokopediach-
>setoptcurl("https://www.tokopedia.com/login");
            $tokopediach->curlexec();
            $tokopediach->LoginTokopedia($datatp["username"],
$datatp["password"]);
            $tokopediach-
>setoptcurl("https://www.tokopedia.com/");
            $tokopediach->curlexec();
            $tpstat = $tokopediach->getStatus();
            $_SESSION["onoff"]["tp"] = $tpstat;
        }
        if ($databl["status"] == true)
        {
```

```

        $bukalapakch-
>setoptcurl ("https://www.bukalapak.com/user_sessions");
        $bukalapakch->curlexec ();
        $bukalapakch->LoginBukalapak ($databl ["username"],
$databl ["password"]);
        $bukalapakch-
>setoptcurl ("https://www.bukalapak.com/");
        $bukalapakch->curlexec ();
        $blstat = $bukalapakch->getStatus ();
        $_SESSION["onoff"]["bl"] = $blstat;
    }
    if ($datakas["status"] == true)
    {
        $kaskusch-
>setoptcurl ("https://www.kaskus.co.id/user/login");
        $kaskusch->curlexec ();
        $kaskusch->LoginKaskus ($datakas ["username"],
$datakas ["password"]);
        $kaskusch->setoptcurl ("https://www.kaskus.co.id/");
        $kaskusch->curlexec ();
        $kasstat = $kaskusch->getStatus ();
        $_SESSION["onoff"]["kas"] = $kasstat;
    }
}
$_SESSION["menu"] = "welcome";
}

```

Pada Segmen Program 4.3, Segmen Program 4.4, dan Segmen Program 4.5 merupakan *source code* dari melakukan *login* tetapi pada *e-commerce*. Dimana data untuk login yaitu *username* dan *password* diberikan dari Segmen Program 4.2.

### Segmen Program 4.3. *Source Code Login Bukalapak*

```

public function LoginBukalapak($username, $password){
        $this->parseDOMlogin ();
        $this->filluserpass ($username, $password);
}

```

```

        $this->
>getpost("https://www.bukalapak.com/user_sessions");
        return $this;
    }
    private function parseDOMlogin() {
        $fgc = $this->getrespbody();
        $domd = @DOMDocument::loadHTML ($fgc);
        $this->inputloginbukalapak = array();
        if($domd->getElementById("new_user_session") !==
NULL) {
            foreach ( $domd->getElementById (
"new_user_session" )->getElementsByTagName ( "input" ) as $input )
{
                $this->inputloginbukalapak [$input->getAttribute ( "name" )] =
$input->getAttribute ( "value" );
            }}
            return $this;
        }

        private function filluserpass($username, $password) {
            $this->inputloginbukalapak['user_session[username]'] =
'ant.olshop.mgr@gmail.com';
            $this->inputloginbukalapak['user_session[password]'] =
'semua.ada';
            return $this;        }

```

#### Segmen Program 4.4. *Source Code Login Tokopedia*

```

public function LoginTokopedia($username, $password) {
    $this - > deleteresponsebody();
    $data = 'email='.$username.
    '&password='.$password.

    '&remember_me=on&log_data={"tests":{"scroll":false,"mouse":true,"k
ey":true},"s":false,"m":true,"k":true,"gc":false,"dt":152760146232
3,"sent":false}';
    curl_setopt($this - > ch, CURLOPT_URL,
"https://accounts.tokopedia.com/authorize?client_id=1001&p=https%3
A%2F%2Fwww.tokopedia.com%2F&redirect_uri=https%3A%2F%2Fwww.tokoped
ia.com%2Fappauth%2Fcode&response_type=code&state=eyJyZWYiOiJodHRwc

```

```

zovL3d3dy50b2tvcGVkaWEuY29tLyIsInVlaWQiOiJmMjBhZDgxMi03ZTQ5LTRkODU
tODQ0NC1hZmI4MMDMxN2U5YTQiLCJ0aGVtZSI6ImlmcmFtZSI6InAiOiJodHRwczovL
3d3dy50b2tvcGVkaWEuY29tLyJ9&theme=iframe");
    curl_setopt($this -> ch, CURLOPT_POST, TRUE);
    curl_setopt($this -> ch, CURLOPT_POSTFIELDS, $data);
    $this -> curlexec();
}

```

#### Segmen Program 4.5. *Source Code Login Kaskus*

```

Public function LoginKaskus($username, $password) {
    $securitytoken = $this -> getsecuritylogintoken();
    $data = "identifier=".$username.
    "&password=".$password.
    "&securitytoken=".$securitytoken.
    "&url=%2Fuser%2Flogin";
    curl_setopt($this -> ch, CURLOPT_URL,
"https://fjb.kaskus.co.id/user/login");
    curl_setopt($this -> ch, CURLOPT_FOLLOWLOCATION, false);
    curl_setopt($this -> ch, CURLOPT_POST, TRUE);
    curl_setopt($this -> ch, CURLOPT_POSTFIELDS, $data);
    $this -> curlexec();
}

```

#### 4.3.2. *Logout*

Pada Segmen Program 4.6 merupakan *source code* dari melakukan *logout*. Program menghapus SESSION dan *logout* dari setiap *e-commerce*.

#### Segmen Program 4.6. *Source Code Pendaftaran Pengguna pada Controller*

```

if(isset($_POST["dbLogoutUser"])) {
    $tokopediach -> Logout();
    $bukalapakch -> Logout();
    $kaskusch -> Logout();
    setcookie("akuncookie", "", time() - 3600);
    $_SESSION = array();
    session_destroy();
    clearstatcache();
    header("Cache-Control: no-cache, no-store, must-revalidate");
    header("Pragma: no-cache");
    header("Expires: 0");
}

```

```
}
```

#### Segmen Program 4.7. *Source Code Logout* pada Bukalapak

```
public
function Logout() {
    $this -> deleteresponsebody();
    curl_setopt($this -> ch, CURLOPT_URL,
    "https://www.bukalapak.com/logout?from=dropdown");
    curl_setopt($this -> ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($this -> ch, CURLOPT_REFERER,
    "https://www.bukalapak.com/");
    curl_setopt($this -> ch, CURLOPT_FOLLOWLOCATION, true);
    curl_setopt($this -> ch, CURLOPT_HTTPGET, true);
    curl_setopt($this -> ch, CURLOPT_CONNECTTIMEOUT, 4);
    curl_setopt($this -> ch, CURLOPT_TIMEOUT, 8);
    curl_setopt($this -> ch, CURLOPT_COOKIEFILE, $this ->
    cookiefile);
    curl_setopt($this -> ch, CURLOPT_COOKIEJAR, $this ->
    cookiefile);
    curl_setopt($this -> ch, CURLOPT_ENCODING, "");
    curl_exec($this -> ch);
}
```

#### Segmen Program 4.8. *Source Code Logout* pada Tokopedia

```
public
function Logout() {
    $this -> deleteresponsebody();
    curl_setopt($this -> ch, CURLOPT_URL,
    "https://accounts.tokopedia.com/logout");
    curl_setopt($this -> ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($this -> ch, CURLOPT_REFERER,
    "https://www.tokopedia.com/");
    curl_setopt($this -> ch, CURLOPT_FOLLOWLOCATION, true);
    curl_setopt($this -> ch, CURLOPT_HTTPGET, true);
    curl_setopt($this -> ch, CURLOPT_CONNECTTIMEOUT, 4);
    curl_setopt($this -> ch, CURLOPT_TIMEOUT, 8);
    curl_setopt($this -> ch, CURLOPT_COOKIEFILE, $this ->
    cookiefile);
}
```

```

    curl_setopt($this - > ch, CURLOPT_COOKIEJAR, $this - >
cookiefile);
    curl_setopt($this - > ch, CURLOPT_ENCODING, "");
    curl_exec($this - > ch);
}

```

#### Segmen Program 4.9. *Source Code Logout* pada Kaskus

```

public
function Logout() {
    $this - >_setoptcurl("https://www.kaskus.co.id");
    $this - >_curl_exec();
    $fgc = $this - >_get_respbody();
    $logoutdata = potong($fgc, '<a href="/user/logout/', '');
    $logoutdata =
"https://www.kaskus.co.id/user/logout/".$logoutdata;
    curl_setopt($this - > ch, CURLOPT_URL, $logoutdata);
    curl_setopt($this - > ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($this - > ch, CURLOPT_FOLLOWLOCATION, 0);
    curl_exec($this - > ch);
    return "";
}

```

#### 4.3.3. *Register Akun*

Pada Segmen Program 4.10 merupakan *source code* dari melakukan pendaftaran yang harus diisikan oleh pengguna. Program memasukkan data sesuai *e-commerce* yang mereka isi pada form *register*. Maka dari itu pengguna harus terlebih dahulu memiliki akun *e-commerce* mereka.

#### Segmen Program 4.10. *Source Code Register Akun* pada Database

```

function dbCreateUser($data) {
    $conn = connjob();
    $sql = "INSERT INTO Akun (username_akun, password_akun )VALUES
('".$data["username_akun"].
" , '".$data["password_akun"].
"')";
    if (mysqli_query($conn, $sql)) {
        echo "Akun New record created successfully";
    }
}

```

```

}
else {
    echo "Error: ".$sql.
    "".mysqli_error($conn);
}
$result = $conn -> query("SELECT COUNT(*) FROM `Akun`");
if ($result) {
    while ($row = $result -> fetch_array(MYSQLI_BOTH)) {
        $angkalast = $row[0];
    }
    $result -> free();
}
if (isset($data["username_akunecommercetp"])) {
    $last = $angkalast.
    ".tp";
    $sql = "INSERT INTO `E-
commerce_akun`(`id_akunecommerce`,`username_akunecommerce`,
`password_akunecommerce`,`username_akun`,`id_ecommerce`) VALUES
('".$last.
    "', '".$data["username_akunecommercetp"].
    "' , '".$data["password_akunecommercetp"].
    "' , '".$data["username_akun"].
    "' , 'tokopedia')";
    if (mysqli_query($conn, $sql)) {
        echo "Tokop New record created successfully";
    }
    else {
        echo "Errorotp: ".$sql.
        "".mysqli_error($conn);
    }
}
if (isset($data["username_akunecommercebl"])) {
    $last = $angkalast.
    ".bl";
    $sql = "INSERT INTO `E-
commerce_akun`(`id_akunecommerce`,`username_akunecommerce`,
`password_akunecommerce`,`username_akun`,`id_ecommerce`) VALUES
('".$last.
    "', '".$data["username_akunecommercebl"].

```

```

'' , '". $data["password_akunecommercebl"].
'' , '". $data["username_akun"].
'' , 'bukalapak');
if (mysqli_query($conn, $sql)) {
    echo "Bl New record created successfully";
}
else {
    echo "Errorbl: ". $sql.
    "".mysqli_error($conn);
}
}
if (isset($data["username_akunecommercekas"])) {
    $last = $angkalast.
    ".kas";
    $sql = "INSERT INTO `E-
commerce_akun`(`id_akunecommerce`,`username_akunecommerce`,
`password_akunecommerce`, `username_akun`, `id_ecommerce`) VALUES
('". $last.
    "", '". $data["username_akunecommercekas"].
    "" , '". $data["password_akunecommercekas"].
    "" , '". $data["username_akun"].
    "" , 'kaskus')";
if (mysqli_query($conn, $sql)) {
    echo "kas record created successfully";
}
else {
    echo "Errorkas: ". $sql.
    "".mysqli_error($conn);
}
}
$conn - > close();
}

```

#### 4.3.4. Ganti Akun *E-commerce*

Pada segemen Program 4.11 yaitu *source code* untuk melakukan penggantian data pada akun *e-commerce*. Program melakukan koneksi pada *database* dan melakukan UPDATE.

#### Segmen Program 4.11. *Source Code* penggantian data pada Database

```
function dbEditUserPass($data) {
    $conn = connjob();
    $num = 0;
    $result = $conn -> query("UPDATE `E-commerce_akun` SET
`username_akunecommerce`= '". $data['username_akunecommerce'].
    "', `password_akunecommerce`=
'". $data['password_akunecommerce'].
    "' WHERE `username_akun` = '". $data['username_akun'].
    "' AND `id_ecommerce`='". $data['id_ecommerce'].
    "' ");
    if(mysqli_query($conn, $result)) {
        echo("berhwsil");
    } else {
        echo "Error: " . $result .
        "" . mysqli_error($conn);
    }
}
```

#### 4.3.5. *Add Barang*

Pada Segmen Program 4.12 adalah *source code* untuk memasukkan data kedalam database program, dimana data yang dimaksud adalah data barang yang diambil dari setiap *e-commerce* yang sebelumnya di *parse* terlebih dahulu.

#### Segmen Program 4.12. *Source Code Add Barang*

```
if(isset($_POST["dbUpdateItem"])) {
    if($_SESSION["onoff"]["tp"] == 1) {
        $tokopediach -> setoptcurl("https://www.tokopedia.com/");
        $tokopediach -> curlexec();
        $barang["tokopedia"] = $tokopediach -> getbarang();
    }
    if($_SESSION["onoff"]["bl"] == 1) {
        $barang["bukalapak"][] = $bukalapakch ->
AmbilBarang("aktif");
        $barang["bukalapak"][] = $bukalapakch ->
AmbilBarang("tidakaktif");
    }
    if($_SESSION["onoff"]["kas"] == 1) {
```

```

        $barang["kaskus"] [] = $kaskusch - > getbarang("aktif");
        $barang["kaskus"] [] = $kaskusch - >
getbarang("tidakaktif");
    }
    $barang["usernameakun"] = $_SESSION["akunsession"];
    dbIntegrasiBarang1($barang);
    dbIntegrasiBarang2($_SESSION["akunsession"]);
}

```

Pada Segmen Program 4.13, Segmen Program 4.14, Segmen Program 4.15, adalah *source code parse* dari *e-commerce* ke dalam variabel. Selain melakukan *parse* program juga melakukan GET pada halaman *e-commerce*.

#### Segmen Program 4.13. *Source Code Parse Add* Barang Tokopedia

```

public function getbarang() {
        $this->deleteresponsebody();
        curl_setopt($this->ch, CURLOPT_URL,
"https://www.tokopedia.com/manage-product-new.pl?nref=pdlsthead");
        curl_exec($this->ch);
        $html = $this->getrespbody();
        $idshop = potong($html , 'name="shop_id" value="' ,
        '');
        $this->deleteresponsebody();
        curl_setopt($this->ch, CURLOPT_URL,
"https://tome.tokopedia.com/v2/shop/" . $idshop . "/product_list?nref=
pdlsthead");
        curl_setopt($this->ch, CURLOPT_POST, false);
        curl_setopt($this->ch, CURLOPT_NOBODY, false);
        curl_exec($this->ch);
        $jtok = $this->getrespbody();
        $jtok = substr($jtok, strpos($jtok, "{"));
        $data = $this->parsegetbarang($jtok);
        return $data;
    }
    private
    function parsegetbarang($jsone) {
        $num = 0;

```

```

        $jtok = json_decode($jsone, true);
        foreach($jtok["data"] as $key) {
            $data[$num]["id"] = $key["product_id"];
            $data[$num]["status"] = ($key["status"] == 1) ?
'aktif' : 'tidakaktif';
            $data[$num]["stock"] = $key["stock"];
            $data[$num]["name"] = $key["name"];
            $data[$num]["href"] = $key["product_url"];
            $data[$num]["harga"] = $key["price"]["value"];
            $data[$num]["category"] =
$key["category"]["id"];
            $data[$num]["gambar"] =
$key["primary_image"]["original"];
            $num++;
        }

```

#### Segmen Program 4.14. *Source Code Parse Add Barang Bukalapak*

```

public
function AmbilBarang($status) {
    if($status == "aktif") {
        $url =
"https://www.bukalapak.com/my_products/stocked?from=dropdown";
    } else if($status == "tidakaktif") {
        $url =
"https://www.bukalapak.com/my_products/stockless?from=dropdown";
    }
    $this -> deleteresponsebody();
    $this -> setoptcurl($url);
    $this -> curlxec();
    $html = $this -> getrespbody();
    $data = $this -> parsegetbarang($status, $html);
    return $data;
}
private
function parsegetbarang($status, $html) {
    $num = 0;
    while(true) {
        if(strpos($html, "<div class='product-info'>") == false) {
            break;

```

```

    } else {
        $dataparse = get_between_from($html, "<div
class='product-info'>", '<option value=""></option>');
        $data[$num]["id"] = trim(potong($dataparse,
'id="product_id" value="", ''));
        $data[$num]["href"] = potong($dataparse, 'product-
media__link', '>');
        $data[$num]["href"] = substr($data[$num]["href"],
strpos($data[$num]["href"], 'href="') + 6);
        $data[$num]["gambar"] = potong($dataparse, "<source
srcset=", " type");
        $data[$num]["gambar"] = substr($data[$num]["gambar"],
1, strlen($data[$num]["gambar"]) - 2);
        $data[$num]["harga"] = potong($dataparse,
'id="product_price" value="", ''));
        $data[$num]["stock"] = potong($dataparse,
'id="product_stock" value="", ''));
        $categoryandtitle = potong($dataparse, 'c-
product__name', ">");
        $data[$num]["category"] = potong($categoryandtitle,
"href='', '');
        $akhir = strrpos($data[$num]["category"], "/");
        $data[$num]["category"] =
substr($data[$num]["category"], 0, $akhir);
        $data[$num]["category"] =
substr($data[$num]["category"], strrpos($data[$num]["category"],
"/") + 1);
        $data[$num]["name"] = substr($categoryandtitle,
strpos($categoryandtitle, "title=") + 6);
        $data[$num]["name"] = trim(substr($data[$num]["name"],
1, strlen($data[$num]["name"]) - 2));
        $data[$num]["status"] = $status;
        $pointer = strpos($html, "<div class='product-
info'>");
        $html = substr($html, $pointer + strlen("<div
class='product-info'>") + 2);
        $num++;
    }
}

```

```
return $data;}
```

#### Segmen Program 4.15. *Source Code Parse Add Barang Kaskus*

```
public
function getbarang($aktifstatus) {
    if($aktifstatus == "aktif") {
        $this - >
setoptcurl("https://fjb.kaskus.co.id/selling/active");
        curl_setopt($this - > ch, CURLOPT_FOLLOWLOCATION, false);
        $this - > curlexec();
        $html = $this - > getrespboddy();
    }
    elseif($aktifstatus == "tidakaktif") {
        $this - >
setoptcurl("https://fjb.kaskus.co.id/selling/ended");
        curl_setopt($this - > ch, CURLOPT_FOLLOWLOCATION, false);
        $this - > curlexec();
        $html = $this - > getrespboddy();
    }
    $html = potong($html, '<div class="title">Daftar
Produk</div>', '<script type="text/javascript">');
    $data = $this - > parsegetbarang($html, $aktifstatus);
    return $data;
}
private
function parsegetbarang($html, $aktifstatus) {
    $num = 0;
    $data = array();
    while(true) {
        if(strpos($html, '<div class="item__content">') == false)
        {
            break;
        } else {
            if($aktifstatus == "aktif") {
                $dataparse = get_between_from($html, '<div
class="item__content">', 'Udah Laku</a>');
            }
            elseif($aktifstatus == "tidakaktif") {
                $dataparse = get_between_from($html, '<div
class="item__content">', 'Aktifkan</a>');
```

```

    }
    $datagam = potong($dataparse, '<div
class="item__image">', '</div>');
    $data[$num]["gambar"] = potong($datagam, ''););
    $data[$num]["id"] = substr($data[$num]["href"], 2);
    $data[$num]["id"] = substr($data[$num]["id"],
strpos($data[$num]["id"], "/")););
    $data[$num]["id"] = substr($data[$num]["id"], 1,
strpos($data[$num]["id"], "/") - 1);
    $data[$num]["idpost"] = potong($dataparse,
'final_price_', ''););
    $data[$num]["harga"] = potong($dataparse, '<div
class="price">', "</span>"););
    $data[$num]["harga"] =
strip_tags($data[$num]["harga"]);
    $data[$num]["harga"] = substr($data[$num]["harga"],
3););
    $data[$num]["harga"] = str_replace(".", "",
$data[$num]["harga"]););
    $data[$num]["stock"] = 1;
    $data[$num]["category"] = potong($dataparse, '<div
class="category">', "</div>"););
    $data[$num]["name"] = potong($dataparse, '<div
class="title">', '</div>'););
    $data[$num]["name"] =
trim(strip_tags($data[$num]["name"])););
    $data[$num]["status"] = $aktifstatus;
    $pointer = strpos($html, '<div
class="item__content">'););
    $html = substr($html, $pointer + strlen('<div
class="item__content">') + 2);
    $num++;
    }
}
return $data;
}

```

#### 4.3.6. Edit Barang

Pada Segmen Program 4.16 pengguna dapat mengganti harga barang, dan stok barang dari salah satu barang *e-commerce* tersebut. Program yang telah mengambil barang dari fitur sebelumnya sebagai acuan untuk program dapat mengetahui barang mana yang diganti.

Segmen Program 4.16. *Source Code* Edit Barang Program

```
foreach($data['id_ecommercebarang'] as $key) {
    echo "ININUM".$num;
    if($data['status_barangecommerce'][$num] == "aktif") {
        if($data['id_ecommerce'][$num] == "tokopedia") {
            $dataasli = $tokopediach -> EditBarang($key);
            $dataasli = json_decode($dataasli, true);
            $dataasli["data"]["product_price"] = (int)
            $data['harga_barangecommerce'][$num];
            $dataasli["data"]["product_stock"] = (int)
            $data['stok_barang'];
            $dataasli = json_encode($dataasli);
            $tokopediach -> EditBarangPost($key, $dataasli);
        } else if($data['id_ecommerce'][$num] == "bukalapak")
        {
            $dataeditbl["id"] = $key;
            $dataeditbl["newharga"] =
            $data['harga_barangecommerce'][$num];
            $dataeditbl["oldharga"] =
            $data['hargalama_barangecommerce'][$num];
            $dataeditbl["stock"] = $data['stok_barang'];
            $dataambilbl = $bukalapakch ->
            AmbilBarang("aktif");
            $bukalapakch -> gantiHargaStock($dataeditbl);
        } else if($data['id_ecommerce'][$num] == "kaskus") {
            $kaskusch ->
            setoptcurl("https://www.kaskus.co.id/");
            $kaskusch -> curlexec();
            $dataeditkas = $kaskusch -> EditBarang($key,
            $data["status_barangecommerce"]);
            $dataeditkas["harga"] = $data['harga_barangecommerce'][$num];
            $kaskusch -> EditBarang2($dataeditkas["idpost"],
            $dataeditkas);
```

```

    }
}
$num++;
}
}

```

Pada Segmen Program 4.17, Segmen Program 4.18 dan Segmen Program 4.19 adalah *source code* program melakukan POST pada *e-commerce* dengan memasukkan data form kedalam *statement* yang dibutuhkan tiap *e-commerce*. Beberapa di antaranya harus melakukan pengecekan terlebih dahulu apakah data barang aktif atau tidak, sehingga POST yang dilakukan dapat berhasil.

#### Segmen Program 4.17. *Source Code* Edit Barang Program Tokopedia

```

public
function EditBarang($productid) {
    $urljson =
"https://tome.tokopedia.com/v2.1/product/" . $productid .
    "?show_variant=1";
    $data = $this - > getjson($urljson);
    return $data;
}

public
function EditBarangPost($productid, $dataedit) {
    $this - > setoptcurl("https://www.tokopedia.com/product-
edit.pl?https%3A%2F%2Fwww.tokopedia.com%2Fmanage-product-
new.pl%3Fnref%3Dpdlsthead&id=" . $productid);
    $this - > curlexec();
    $url = "https://tome.tokopedia.com/v2/product/" . $productid;
    $header = array("access-control-request-method: PATCH",
"access-control-request-headers: content-type", "origin:
https://www.tokopedia.com", );
    curl_setopt($this - > ch, CURLOPT_HTTPHEADER, $header);
    curl_setopt($this - > ch, CURLOPT_CUSTOMREQUEST, 'OPTIONS');
    curl_setopt($this - > ch, CURLOPT_URL, $url);
    curl_exec($this - > ch);
    $this - > deleteresponsebody();
    $data = $this - > parseedit2($dataedit);
    $panjangdata = strlen($data);
}

```

```

$header = array("origin: https://www.tokopedia.com", "accept:
application/json, text/plain, */*", "accept-encoding: gzip,
deflate, br", "accept-language: en-US,en;q=0.9,en-
ZA;q=0.8,id;q=0.7", "content-type: application/json", "content-
length: ".$panjangdata, );
curl_setopt($this -> ch, CURLOPT_HTTPHEADER, $header);
curl_setopt($this -> ch, CURLOPT_CUSTOMREQUEST, 'PATCH');
curl_setopt($this -> ch, CURLOPT_URL, $url);
curl_setopt($this -> ch, CURLOPT_POSTFIELDS, $data);
curl_exec($this -> ch);
}

```

#### Segmen Program 4.18. *Source Code* Edit Barang Program Bukalapak

```

public
function gantiHargaStock($data) {
    $data["token"] = $this -> parsegettoken("csrf");
    $param = array("utf8" => "&#x2713", "authenticity_token" =>
$data["token"], "not_for_sale_only" => "", "product_id" =>
$data["id"], "product_stock" => $data["stock"],
"new_product_price" => $data["newharga"]);
    curl_setopt($this -> ch, CURLOPT_URL,
"https://www.bukalapak.com/my_lapak/update");
    curl_setopt($this -> ch, CURLOPT_POST, 1);
    curl_setopt($this -> ch, CURLOPT_POSTFIELDS, $param);
    curl_exec($this -> ch);
}

```

#### Segmen Program 4.19. *Source Code* Edit Barang Program Kaskus

```

public
function EditBarang2($id, $data) {
    $form = "securitytoken=".$data['securitytoken'].

"&payment_method%5BBUYNOW%5D=".$data['payment_method[BUYNOW]'].
    "&prefixid=".$data['prefixid'].
    "&title=".$data['title'].
    "&kondisi=".$data['kondisi'].
    "&harga=".$data['harga'].

```

```

"&payment_method%5BESCROW%5D=".$data['payment_method[ESCROW]'].
    "&discount=".$data['discount'].
    "&lokasi=".$data['lokasi'].

"&extra_attribute%5B0%5D%5Battribute%5D=".$data["extra_attribute"]
[0]["attribute"].

"&extra_attribute%5B0%5D%5Bvalue%5D=".$data["extra_attribute"][0][
"value"].
    "&message=".$data["message"].
    "&ajaxhref=".$data['ajaxhref'].
    "&images%5B%5D=".$data['images'].

"&image=&image=&image=&image=&image=&image=&image=&image=&image=&i
mage=&tagsearch=".$data['tagsearch'].
    "&other-ship-agents%5B0%5D=&ship-weight=".$data['ship-
weight'].
    "&fjbtype=".$data['fjbtype'].
    "&saveactive=".$data['saveactive'].
    "";
    $url = "https://fjb.kaskus.co.id/edit_post/".$id;
    curl_setopt($this -> ch, CURLOPT_URL, $url);
    curl_setopt($this -> ch, CURLOPT_POST, true);
    curl_setopt($this -> ch, CURLOPT_POSTFIELDS, $form);
    curl_exec($this -> ch);
}

```

#### 4.3.7. Delete Barang

Pada Segmen Program 4.20 mengganti produk menjadi tidak tersedia, sehingga pembeli tidak dapat membeli barang tersebut. Sama seperti *Add* barang, *Edit* barang, segmen ini juga mengirimkan data ke setiap *e-commerce*.

#### Segmen Program 4.20. Source Code Delete Barang Program

```

if($data['id_ecommerce'] == "tokopedia") {
    if($data["status_barangecommerce"] == "aktif") {
        $stat = 1;
    }
}

```

```

        } else if($data["status_barangecommerce"] == "tidakaktif")
    {
        $stat = 3;
    }
    $tokopediach - >
setoptcurl("https://www.tokopedia.com/manage-product-
new.pl?nref=pdlsthead");
    $tokopediach - > curlexec();
    $tokopediach - > UpdatestatusBarang($stat,
$data["id_ecommercebarang"]);
    } else if($data['id_ecommerce'] == "bukalapak") {
        $bukalapakch - >
setjualtidak($data["status_barangecommerce"],
$data["href_barangecommerce"]);
        bukalapaksetno($data);
    } else if($data['id_ecommerce'] == "kaskus") {
        if($data["status_barangecommerce"] == "tidakaktif") {
            $stat = 1;
        } else if($data["status_barangecommerce"] == "aktif") {
            $stat = 3;
        }
        $kaskusch - > UpdatestatusBarang($stat,
$data["id_ecommercebarang"]);
    }
}
}

```

Pada Segmen Program 4.21 Segmen Program 4.22 dan Segmen Program 4.23 adalah *source code* program melakukan POST yang mengarah pada penggantian status dalam *e-commerce*. Adapun variabel yang dibutuhkan adalah *idbarang e-commerce*.

#### Segmen Program 4.21. *Source Code Delete Barang Program Tokopedia*

```

public
function UpdatestatusBarang($status, $product) {
    $patch =
'{"event":"change_status_product","product_id":' . $product .
    ', "product_status":' . $status .
    '}';
    echo $patch;
}

```

```

$header = array("accept: application/json, text/javascript,
*/*; q=0.01", "accept-language: en-US,en;q=0.9,en-
ZA;q=0.8,id;q=0.7", "content-length:".strlen($patch), "content-
type: application/json", "origin: https://www.tokopedia.com",
"referer: https://www.tokopedia.com/manage-product-
new.pl?nref=pdlsthead", "user-agent: Mozilla/5.0 (Windows NT 10.0;
Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/69.0.3497.100 Safari/537.36", );
curl_setopt($this - > ch, CURLOPT_URL,
"https://tome.tokopedia.com/v2/product/".$product);
curl_setopt($this - > ch, CURLOPT_HTTPHEADER, $header);
curl_setopt($this - > ch, CURLOPT_REFERER,
"https://www.tokopedia.com/manage-product-new.pl?nref=pdlsthead");
curl_setopt($this - > ch, CURLOPT_CUSTOMREQUEST, 'PATCH');
curl_setopt($this - > ch, CURLOPT_POSTFIELDS, $patch);
curl_exec($this - > ch);
}

```

#### Segmen Program 4.22. *Source Code Delete Barang Program Bukalapak*

```

public
function setjualtidak($condition, $href) {
    $this - > deleteresponsebody();
    if($condition == "aktif") {
        $conditionstring =
"https://www.bukalapak.com/my_products/stocked?from=dropdown";
    } else if($condition == "tidakaktif") {
        $conditionstring =
"https://www.bukalapak.com/my_products/stockless?from=user_dashboa
rd";
    }
    $this - > setoptcurl($conditionstring);
    $this - > curlexec();
    $fgc = $this - > getrespbody();
    $token = $this - > parsegettoken("csrf");
    $panjangke = strrpos($href, '/') + 1;
    $panjangke2 = strrpos($href, '?');
    echo $panjangke2 - $panjangke;
    $hrefparse = substr($href, $panjangke, $panjangke2 -
$panjangke);
}

```

```

"<br>".$hrefparse.
"<br>";
$this - > posttooglesale($token, $hrefparse);
return "OK";
}

```

#### Segmen Program 4.23. *Source Code* Delete Barang Program Kaskus

```

public
function UpdatestatusBarang($status, $id) {
    $url = "https://fjb.kaskus.co.id/activities/update_prefix";
    if($status == 1) {
        $securitytoken = $this - >
getsecuritybrgtoken("tidakaktif");
        $data = "securitytoken=".$securitytoken.
"&thread_id=".$id.
"&action=WTS&origin=selling%2Factive";
    }
    elseif($status == 3) {
        $securitytoken = $this - > getsecuritybrgtoken("aktif");
        $data = "securitytoken=".$securitytoken.
"&thread_id=".$id.
"&action=sold&origin=selling%2Fended";
    }
    curl_setopt($this - > ch, CURLOPT_URL, $url);
    curl_setopt($this - > ch, CURLOPT_FILE, $this - >
response_body);
    curl_setopt($this - > ch, CURLOPT_FOLLOWLOCATION, true);
    curl_setopt($this - > ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($this - > ch, CURLOPT_POST, TRUE);
    curl_setopt($this - > ch, CURLOPT_POSTFIELDS, $data);
    $html = curl_exec($this - > ch);
}

```

#### 4.3.8. **Add Kelompok Barang**

Pada Segmen Program 4.24 adalah *Source Code Add* Kelompok Barang. Kelompok Barang digolongkan menurut nama dan stok yang sama dengan produk

barang yang diambil. Tetapi penjual/pengguna dapat menambahkan kelompok barangnya sendiri.

#### Segmen Program 4.24. *Source Code Add* Kelompok Barang

```
function dbEditViewAdd($data) {
    $conn = connjob();
    $num = 0;
    if(isset($data["barang"])) {
        foreach($data["barang"] as $key) {
            echo "masuk";
            $sql = "UPDATE `E-commerce_barang` SET
`id_barang`='". $data['id_barang'].
            "', `status`= 'bind' WHERE
`id_ecommercebarang`='". $key.
            "'";
            $num++;
            if(mysqli_query($conn, $sql)) {
                echo "berhwsil";
            } else {
                echo "Error: " . $sql.
                "".mysqli_error($conn);
            }
        }
    }
}
```

#### 4.3.9. *Edit* Kelompok Barang

Pada Segmen Program 4.24 adalah *Source Code Edit* Kelompok Barang menerapkan integrasi barang, jadi jika stok barang di edit, maka stok barang individu berubah dalam program ini dan dalam *e-commerce* sesungguhnya.

#### Segmen Program 4.25. *Source Edit* Kelompok Barang

```
foreach($data['id_ecommercebarang'] as $key) {
    echo "ININUM". $num;
    if($data['status_barangecommerce'][$num] == "aktif") {
        if($data['id_ecommerce'][$num] == "tokopedia") {
            $dataasli = $tokopediach - > EditBarang($key);
            $dataasli = json_decode($dataasli, true);
        }
    }
}
```

```

        $dataasli["data"]["product_price"] = (int)
$data['harga_barangecommerce'][$num];
        $dataasli["data"]["product_stock"] = (int)
$data['stok_barang'];
        $dataasli = json_encode($dataasli);
        $tokopediach -> EditBarangPost($key, $dataasli);
    } else if($data['id_ecommerce'][$num] == "bukalapak")
    {
        $dataeditbl["id"] = $key;
        $dataeditbl["newharga"] =
$data['harga_barangecommerce'][$num];
        $dataeditbl["oldharga"] =
$data['hargalama_barangecommerce'][$num];
        $dataeditbl["stock"] = $data['stok_barang'];
        $dataambilbl = $bukalapakch ->
AmbilBarang("aktif");
        $bukalapakch -> gantiHargaStock($dataeditbl);
    } else if($data['id_ecommerce'][$num] == "kaskus") {
        $kaskusch ->
setoptcurl("https://www.kaskus.co.id/");
        $kaskusch -> curlexec();
        $dataeditkas = $kaskusch -> EditBarang($key,
$data["status_barangecommerce"]);
        $dataeditkas["harga"] =
$data['harga_barangecommerce'][$num];
        $kaskusch -> EditBarang2($dataeditkas["idpost"],
$dataeditkas);
    }
}
$num++;
}}

```

#### 4.3.10. Delete Kelompok Barang (User)

Pada Segmen Program 4.26 adalah *Delete* Kelompok Barang. *Delete* Kelompok Barang ditujukan untuk menghapus kelompok barang, dan tidak menghapus barang yang ada di dalamnya, melainkan keanggotaan barang itu.

Segmen Program 4.26. *Source Code View* Barang

```
function dbDeleteItemDetail($idbarang, $akun) {
```

```

$conn = connjob();
$sql = "UPDATE `E-commerce_barang` SET `id_barang`='none',
`status`='none' WHERE `id_barang`='". $idbarang.
"' AND `username_akun` = '". $akun.
"'";
if(mysqli_query($conn, $sql)) {} else {
    echo "Error: ". $sql.
    "".mysqli_error($conn);
}
$sql = "DELETE FROM `Barang` WHERE `id_barang`='". $idbarang.
"' AND `username_akun` = '". $akun.
"'";
if(mysqli_query($conn, $sql)) {
    echo "Delete oye";
} else {
    echo "Error: ". $sql.
    "".mysqli_error($conn);
}
}

```

#### 4.3.11. *Get Order*

Pada Segmen Program 4.24 adalah *Get Order*. Sistem *Get Order* mengambil barang pesanan yang ada pada *e-commerce*, lalu memasukkannya pada aplikasi.

#### Segmen Program 4.27. *Source Code Get Order*

```

if(isset($_POST["dbGetOrder"])) {
    if($_SESSION["onoff"]["tp"] == 1) {
        $datagetorder["tp"] = $tokopediach - > getOrder();
    }
    if($_SESSION["onoff"]["bl"] == 1) {
        $datagetorder["bl"] = $bukalapakch - > getorder();
    }
    if($_SESSION["onoff"]["kas"] == 1) {
        $datagetorder["kas"] = $kaskusch - > getOrder();
        echo $kaskusch - > getrespbody();
    }
    $barang["usernameakun"] = $_SESSION["akunsession"];
    dbInsertOrder($datagetorder, $_SESSION["akunsession"]);
}

```

```
}
```

Pada Segmen Program 4.28 Segmen Program 4.29 dan Segmen Program 4.30 adalah *source code* program melakukan GET dan *parse* pada tiap *e-commerce* pada halaman transaksi.

#### Segmen Program 4.28. *Source Code Get Order Tokopedia*

```
public
function getOrder() {
    $this - >
setoptcurl("https://www.tokopedia.com/myshop_order.pl");
    $this - > curlexec();
    $html = $this - > getrespsbody();
    $dataorder = $this - > parsegetorder($html);
    return $dataorder;
}
private
function parsegetorder($html) {
    $paramawal = '<table class="transaction-table table word-
break"';
    $paramakhir = '<span class="text-price">';
    $dataorder = array();
    $nomerbarang = 0;
    $num = 0;
    while(true) {
        if(strpos($html, $paramawal) == false) {
            break;
        } else {
            $dataorder[$num]["total"] = potong($html, '<span
class="text-price">', '</span>');
            $dataparse = get_between_from($html, $paramawal,
$paramakhir);
            $dataorder[$num]["id"] = potong($dataparse, '<tr
id="", ""');
            $sementara = potong($dataparse, '<h3 class="fs-12
pull-left" id="wrap-cstm-tooltip">', '</h3>');
            $dataorder[$num]["pembelilink"] = potong($sementara,
'<a href="", "">');
            $dataorder[$num]["pembelinama"] =
strip_tags(potong($sementara, 'oleh', '</a>'));

```

```

        $invoicesementara = potong($sementara, '-', '</a>');
        $dataorder[$num]["invoice"] =
strip_tags($invoicesementara);
        $dataorder[$num]["invoicelink"] =
potong($invoicesementara, 'href="' , '');
        $dataorder[$num]["waktu"] =
trim(strip_tags(potong($dataparse, "Waktu Transaksi:", "</b>")));
        $dataorder[$num]["waktu"] =
strtotime($dataorder[$num]["waktu"]);
        $dataorder[$num]["jatuh tempo"] =
strip_tags(potong($dataparse, 'Jatuh tempo respon:', '</span>'));
        $dataorder[$num]["jatuh tempo"] =
trim(str_replace("&nbsp;", ' ', $dataorder[$num]["jatuh tempo"]));
        $sementara = potong($dataparse, 'transaction-detail',
'Total Penjualan');
        $alamatsementara = potong($sementara, 'Alamat',
'</td>');
        $dataorder[$num]["alamat"]["atasnama"] =
potong($alamatsementara, "<strong>", "</strong>");
        $dataorder[$num]["alamat"]["jalan"] =
trim(potong($alamatsementara, "<br>", "Telp:"));
        $dataorder[$num]["alamat"]["jalan"] =
str_replace("<br>", ' ', $dataorder[$num]["alamat"]["jalan"]);
        $dataorder[$num]["alamat"]["jalan"] =
preg_replace('/\s+/', ' ', $dataorder[$num]["alamat"]["jalan"]);
        $dataorder[$num]["alamat"]["telp"] =
trim(potong($alamatsementara, "Telp:", "</p>"));
        $dataorder[$num]["alamat"]["telp"] =
str_replace("&nbsp;", ' ', $dataorder[$num]["alamat"]["telp"]);
        $dataorder[$num]["totbarang"]["jumlah"] =
trim(strip_tags(potong($sementara, "Jumlah Barang", "</p>")));
        $dataorder[$num]["totbarang"]["sebagian"] =
trim(strip_tags(potong($sementara, "Terima Sebagian", "</p>")));
        $dataorder[$num]["totbarang"]["asuransi"] =
trim(strip_tags(potong($sementara, "Biaya Asuransi", "</p>")));
        $dataorder[$num]["totbarang"]["kurir"] =
strip_tags(potong($sementara, "<span class='label label-small
label-warning'>", "</span>"));

```

```

        $dataorder[$num]["totbarang"]["ongkir"] =
trim(strip_tags(potong($sementara, '<p class="word-break-
normal">', "</p>")));
        $dataorder[$num]["barang"][$nomerbarang]["idbarang"] =
potong($sementara, 'product_id=', '');
        $dataorder[$num]["barang"][$nomerbarang]["namabarang"]
= potong($sementara, '<img class="pull-left mr-10 img-40"', '>');
        $dataorder[$num]["barang"][$nomerbarang]["namabarang"]
= potong($dataorder[$num]["barang"][$nomerbarang]["namabarang"],
'alt=', '');

$dataorder[$num]["barang"][$nomerbarang]["jumlahbarang"] =
potong($sementara, '<span class="qty-formatting">', "</span>");
        $dataorder[$num]["barang"][$nomerbarang]["catatan"] =
trim(strip_tags(potong($sementara, 'Catatan Untuk Penjual',
"</td>")));

$dataorder[$num]["barang"][$nomerbarang]["hargabarang"] =
trim(strip_tags(potong($sementara, 'Harga Barang', "</td>")));
        $searchreplaceuang = array("rp", "Rp", "RP", ".", "
");

$dataorder[$num]["barang"][$nomerbarang]["hargabarang"] =
str_replace($searchreplaceuang, "",
$dataorder[$num]["barang"][$nomerbarang]["hargabarang"]);
        $pointer = strpos($html, $paramawal);
        $html = substr($html, $pointer + strlen($paramawal) +
2);

        $num++;
        $nomerbarang++;
    }
}
return $dataorder;
}

```

Segmen Program 4.29. *Source Code Get Order* Bukalapak

```

Public function getorder() {

```

```

    $this - >
setoptcurl("https://www.bukalapak.com/payment/transactions?active_
tab=sell&payment_transaction_searchable_search%5Bfilter_by%5D=sell
");
    $this - > curlexec();
    $html = $this - > getrespboddy();
    $dataorder = $this - > parseorder($html);
    return $dataorder;
}
private

function parseorder($html) {
    $paramawal = 'name="transaction_ids';
    $paramakhir = 'title="Proses Pesanan"';
    $dataorder = array();
    $num = 0;
    while(true) {
        if(strpos($html, $paramakhir) == false) {
            break;
        } else {
            $dataparse = get_between_from($html, $paramawal,
$paramakhir);
            $dataorder[$num]["id"] = potong($dataparse, 'value="',
''');
            $dataorder[$num]["idhref"] = potong($dataparse,
'href="', ''');
            $sementara = potong($dataparse, "<span>Chat
Pembeli</span>", "Dibayar");
            $nomersementara = strpos($sementara, "<div>") + 6;
            $dataorder[$num]["pembelinama"] = potong($sementara,
'<div>', '</div>');
            $sementara = substr($sementara, $nomersementara);
            $nomersementara = strpos($sementara, "<div>") + 6;
            $dataorder[$num]["kota"] = potong($sementara, '<div>',
'</div>');
            $sementara = substr($sementara, $nomersementara);
            $nomersementara = strpos($sementara, "<div>") + 6;
            $dataorder[$num]["kurir"] = potong($sementara,
'<div>', '</div>');

```

```

        $sementara = substr($sementara, $nomersementara);
        $dataorder[$num] += $this - >
getdetailorder($dataorder[$num]["id"]);
        $pointer = strpos($html, $paramakhir);
        $html = substr($html, $pointer + strlen($paramakhir) +
2);
        $num++;
    }
}
return $dataorder;}

```

### Segmen Program 4.30. *Source Code Get Order Kaskus*

```

Public function getOrder() {
    $this - >
setoptcurl("https://fjb.kaskus.co.id/activities/selling/sold/");
    $this - > curlexec();
    $fgc = $this - > getrespbody();
    echo "aku mampu";
    $data = $this - > parsegetorder($fgc);
    return $data;
}
Private function parsegetorder($html) {
    $paramawal = 'transaction_status';
    $paramakhir = 'onclick="open_modal_box';
    $dataorder = array();
    $num = 0;
    while(true) {
        if(strpos($html, $paramawal) == false) {
            break;
        } else {
            $dataparse = get_between_from($html, $paramawal,
$paramakhir);
            if(strpos($dataparse, 'Respon pesanan dalam')) {
                $tanggalbeli = potong($dataparse, "data-expired-
date='", "'");
                $waktuexp = potong($dataparse, "data-expired-
time='", "'");
                $dataorder[$num]["jatuhtempo"] = $tanggalbeli +
$waktuexp;

```

```

        $dataorder[$num]["invoice"] =
trim(strip_tags(potong($dataparse, 'Transaksi', '</a>')));
        $dataorder[$num]["invoice"] =
substr($dataorder[$num]["invoice"], 1);
        $dataorder[$num]["invoicelink"] =
potong($dataparse, '<a href="", ''');
        $dataorder[$num]["pembelinama"] =
potong($dataparse, 'Buyer :', '</a>');
        $dataorder[$num]["pembelilink"] =
potong($dataorder[$num]["pembelinama"], '<a href="", ''');
        $dataorder[$num]["pembelinama"] =
trim(strip_tags($dataorder[$num]["pembelinama"]));
        $dataorder[$num] += $this - >
getdetailorder($dataorder[$num]["invoicelink"]);
        $dataorder[$num]['barang'][0]['idbarang'] =
potong($dataparse, 'href="/product/', '/');
        $num++;
    }
    $pointer = strpos($html, $paramawal);
    $html = substr($html, $pointer + strlen($paramawal) +
2);
}
}
return $dataorder;
}
Private function getdetailorder($link) {
    $this - > setoptcurl("https://fjb.kaskus.co.id".$link);
    $this - > curlexec();
    $detailhtml = $this - > getrespsbody();
    $nomerbarang = 0;
    $detailhtml = potong($detailhtml, '<div class="escrow
revamp">', '<div class="modal-content revamp">');
    $data["barang"][$nomerbarang]["idbarang"] = "";
    $data["barang"][$nomerbarang]["namabarang"] =
strip_tags(potong($detailhtml, '<div class="text__content text--
medium">', '</div>'));
    $data["barang"][$nomerbarang]["catatan"] =
strip_tags(potong($detailhtml, "Catatan Dari Buyer</div>",
"</div>"));

```

```

    $data["barang"][$nomerbarang]["hargabarang"] =
strip_tags(potong($detailhtml, '<div class="text__content text--
medium orange">', "</div>"));
    $searchreplaceuang = array("rp", "Rp", "RP", ".", " ");
    $data["barang"][$nomerbarang]["hargabarang"] =
str_replace($searchreplaceuang, "",
$data["barang"][$nomerbarang]["hargabarang"]);
    $data["barang"][$nomerbarang]["jumlahbarang"] =
trim(strip_tags(potong($detailhtml, "Jumlah Pesanan</td>",
"</td>")));
    $data["barang"][$nomerbarang]["jumlahbarang"] =
substr($data["barang"][$nomerbarang]["jumlahbarang"], 0, -7);
    $data["totbarang"]["jumlah"] =
trim(strip_tags(potong($detailhtml, 'class="total-harga">',
'</strong>')));
    $data["totbarang"]["kurir"] = strip_tags(potong($detailhtml,
"Jasa Pengiriman</strong></div>", "</div>"));
    $data["totbarang"]["ongkir"] =
trim(strip_tags(potong($detailhtml, "Biaya Pengiriman",
"</strong>")));
    $sementara = substr($detailhtml, strpos($detailhtml, "Cetak
Alamat") + 13);
    $data["alamat"]["atasnama"] = potong($sementara, '<div
class="text__content">', "</div>");
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);
    $data["alamat"]["telp"] = potong($sementara, '<div
class="text__content">', "</div>");
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);
    $data["totbarang"]["kurir"] = potong($sementara, '<div
class="text__content">', "</div>");
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);
    $jalan = potong($sementara, '<div class="text__content">',
"</div>");
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);

```

```

    $kecamatan = potong($sementara, '<div class="text__content">',
"</div>");
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);
    $data["alamat"]["jalan"] = $jalan.
    ", ".$kecamatan;
    $sementara = substr($sementara, strpos($sementara, '<div
class="text__content">') + 13);
    return $data;
}

```

#### 4.3.12. Update Order

Pada Segmen Program 4.31 adalah *Update Order*, sistem mengambil barang pesanan yang ada pada *e-commerce*, lalu memasukkannya pada aplikasi. Tetapi sebelum dimasukkan pada aplikasi, sistem mensortir barang yang belum dimasukkan dalam sistem *update order*.

##### Segmen Program 4.31. Source Code Update Order

```

function dbUpdateOrder($data) {
    $conn = connjob();
    $datatranslasi = array();
    $num = 0;
    foreach($data["tp"] as $key) {
        if(strpos($key["status"], "ditolak")) {
            $statusdata = "rejected";
        } else if(strpos($key["status"], "dibatalkan")) {
            $statusdata = "rejected";
        } else if(strpos($key["status"], "dibatalkan")) {
            $statusdata = "rejected";
        }
    }
    $sql = "UPDATE `Transaksi` SET `status`='". $statusdata.
    "' WHERE `nomor_invoice`='". $key["invoice"].
    "' ";
    if(mysqli_query($conn, $sql)) {} else {
        echo "Error: ". $sql.
        "".mysqli_error($conn);
    }
    $num++;
}

```

```

}
foreach($data["bl"] as $key) {
    if(strpos($key["status"], "Dibayar")) {
        $statusdata = "ongoing";
    } else if(strpos($key["status"], "Dikembalikan")) {
        $statusdata = "rejected";
    }
    $sql = "UPDATE `Transaksi` SET `status`='". $statusdata.
    "' WHERE `nomor_invoice`='". $key["id"].
    "' ";
    if(mysqli_query($conn, $sql)) {} else {
        echo "Error: ". $sql.
        "".mysqli_error($conn);
    }
    $num++;
}
foreach($data["kas"] as $key) {
    if(strpos($key["status"], "Segera Respon Pesanan")) {
        $statusdata = "ongoing";
    } else if(strpos($key["status"], "Pesanan Tidak
Direspon")) {
        $statusdata = "rejected";
    }
    $sql = "UPDATE `Transaksi` SET `status`='". $statusdata.
    "' WHERE `nomor_invoice`='". $key["invoice"].
    "' ";
    if(mysqli_query($conn, $sql)) {} else {
        echo "Error: ". $sql.
        "".mysqli_error($conn);
    }
    $num++;
}
}
}

```

Pada Segmen Program 4.32 Segmen Program 4.33 dan Segmen Program 4.34 adalah *source code* program melakukan GET dan *parse* pada tiap *e-commerce* pada halaman transaksi.

### Segmen Program 4.32. Source Code Update Order Tokopedia

```
public function updateOrder() {
    $this - >
setoptcurl("https://www.tokopedia.com/myshop_order.pl");
    $this - > curlexec();
    $html = $this - > getrespboddy();
    $data['user_token'] = potong($html, 'var user_token = "',
    '";');
    $data['token'] = potong($html, 'token_cookies = "', '";');
    $data['id'] = potong($html, 'var topchat_user_id = ', ' ');
    $this - >
setoptcurl("https://www.tokopedia.com/ajax/v1/myshop_order/get_lis
t_order?uid=".$data["id"].

"&first_payment_date=0&last_payment_date=0&filter_status=1&start_d
ate=&end_date=&text_param=&page=1&show_page=1&batch_page=1&is_show
_filter=false&lang=id&token=".$data["token"].

    "&user_token=".$data['user_token']);
    $this - > curlexec();
    $html = $this - > getrespboddy();
    $dataorder = $this - > parseupdateOrder($html);
    return $dataorder;
}
private function parseupdateOrder($html) {
    $paramawal = '<table class=\"transaction-table table word-
break\"';
    $num = 0;
    while(true) {
        if(strpos($html, $paramawal) == false) {
            break;
        } else {
            $htmlparse = $html;
            $data[$num]["invoice"] = potong($htmlparse,
'target=\"_blank\"><b>', '</b>');
            $data[$num]["status"] = potong($htmlparse, "<small
class='seller-state'>", '</small>');
            $num++;
            $html = substr($html, strpos($html, $paramawal) +
strlen($paramawal) + 2);
        }
    }
}
```

```

    }
}
return $data;}

```

### Segmen Program 4.33. *Source Code Update Order Kaskus*

```

public
function updateOrder() {
    $this - >
setoptcurl("https://fjb.kaskus.co.id/activities/selling/sold/");
    $this - > curlexec();
    $fgc = $this - > getrespbody();
    echo "aku mampu";
    $data = $this - > parseupdateorder($fgc);
    return $data;
}
private
function parseupdateorder($html) {
    $paramawal = 'transaction__status';
    $paramakhir = 'onclick="open_modal_box';
    $dataorder = array();
    $num = 0;
    while(true) {
        if(strpos($html, $paramawal) == false) {
            break;
        } else {
            $dataparse = substr($html, strpos($html, $paramawal));
            $dataorder[$num]["invoice"] =
trim(strip_tags(potong($dataparse, 'Transaksi', '</a>')));
            $dataorder[$num]["invoice"] =
substr($dataorder[$num]["invoice"], 1);
            $dataorder[$num]["status"] = potong($dataparse, '<div
class="title pull-left">', '</div>');
            $num++;
            $pointer = strpos($html, $paramawal);
            $html = substr($html, $pointer + strlen($paramawal) +
2);
        }
    }
    return $dataorder;
}

```

```
}
```

#### Segmen Program 4.34. *Source Code Update Order Bukalapak*

```
public
function updateOrder() {
    $this - >
setoptcurl("https://www.bukalapak.com/payment/transactions?active_
tab=sell&payment_transaction_searchable_search%5Bfilter_by%5D=sell
");
    $this - > curlexec();
    $html = $this - > getrespboddy();
    $dataorder = $this - > parseupdateorder($html);
    return $dataorder;
}
private
function parseupdateorder($html) {
    $paramawal = 'name="transaction_ids';
    $paramakhir = "<div class='c-btn-group-inline--right'>";
    $dataorder = array();
    $num = 0;
    while(true) {
        if(strpos($html, $paramawal) == false) {
            break;
        } else {
            $dataparse = get_between_from($html, $paramawal,
$paramakhir);
            $dataorder[$num]["id"] = potong($dataparse, 'value="',
'');
            $dataorder[$num]["status"] = potong($dataparse, '<div
class="u-txt--base">', '</div>');
            $pointer = strpos($html, $paramawal);
            $html = substr($html, $pointer + strlen($paramawal) +
2);
            $num++;
        }
    }
    return $dataorder;
}
```

#### 4.3.13. *Gmail Notification*

Pada *Gmail Notification*, sistem mengambil semua *email* nantinya *email* ini memicu pembaruan dari *Update order* pesanan yang ada pada *e-commerce*, lalu memasukkannya ke dalam *database* aplikasi.

#### Segmen Program 4.35. *Source Code Google Script*

```
function doGet(e) {return ContentService.createTextOutput("User
says") }
```

```

function doPost(e) {
    var message = JSON.parse(e.postData.getDataAsString()).message
    var data =
Utilities.newBlob(Utilities.base64Decode(message.data)).getDataAsS
tring();
    var ss =
SpreadsheetApp.openById('1azktBlNIg79yXVlDJhaXRnsnjsqqa7NfKaYErIZo
HXI').getSheets()[0];
    ss.appendRow([new Date(), message.message_id, data]);
    return 200;
}

function enrollEmail(){
    var watchRes = Gmail.newWatchRequest();
    watchRes.labelIds = ["INBOX"];
    watchRes.labelFilterAction = "include"
    watchRes.topicName= "projects/project-id-
5659182851387203254/topics/gmailTrigger";

    var response = Gmail.Users.watch(
        watchRes, "me");
    Logger.log(response);
var data = {
    'user': 'satu'
};
var options = {
    'method' : 'post',
    'contentType': 'application/json',
    'payload' : JSON.stringify(data)
};
    var response =
UrlFetchApp.fetch('http://opensource.petra.ac.id/~m26415108/script
.php', options);
    var json = response.getContentText();
    var data = JSON.parse(json);

    Logger.log(data);
}

```

```
function checkHistory(){
  Logger.log(Gmail.Users.History.list("m26415108@john.petra.ac.id",{
  startHistoryId:"315177"}));
}
```