



אוניברסיטת טכנולוגית מרה
UNIVERSITI
TEKNOLOGI
MARA

**BACHELOR OF COMPUTER SCIENCE
FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES**

DATABASE ENGINEERING (ICT502)

**PROJECT TITLE:
ONLINE SHOPPING SYSTEM**

**DATE OF SUBMISSION:
18 MAY 2021**

**GROUP:
CS230 3B**

GROUP MEMBERS:

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1. GROUP MEMBERS' DETAILS

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2. PROBLEM STATEMENT

The problems of not implementing an online system for their business as it will be harder to cope with larger demands since more records are required to be kept safely in files or folders which may not guarantee their life span in long term especially when there's a natural disaster occurs around the area such as fire or water or even receipt's information fades away due to heat. Having a system to store their business data could prevent data loss as it can perform backups on clouds or directly on the servers.

Records can also be quite difficult to gather in case of customers requesting refund or return due to damage or faulty products bought at a short time. Having a user friendly system will allow the owner to retrieve customers' purchases instantly without any difficulty.

Moreover, the amount of paper, pen, ink used for keeping the customer's purchases information which are required to be updated for every single purchase made will cost the company way more than managing the system itself and benefits the business for the long run.

In terms of customer's information where it can be easily accessed by any unauthorized people with physical force, it will cause loss of trust from the customers and liability of data being breached should be taken fully responsible by the business. Online system will help reduce the chance of data being breached with proper implementation of security on the client and server side.

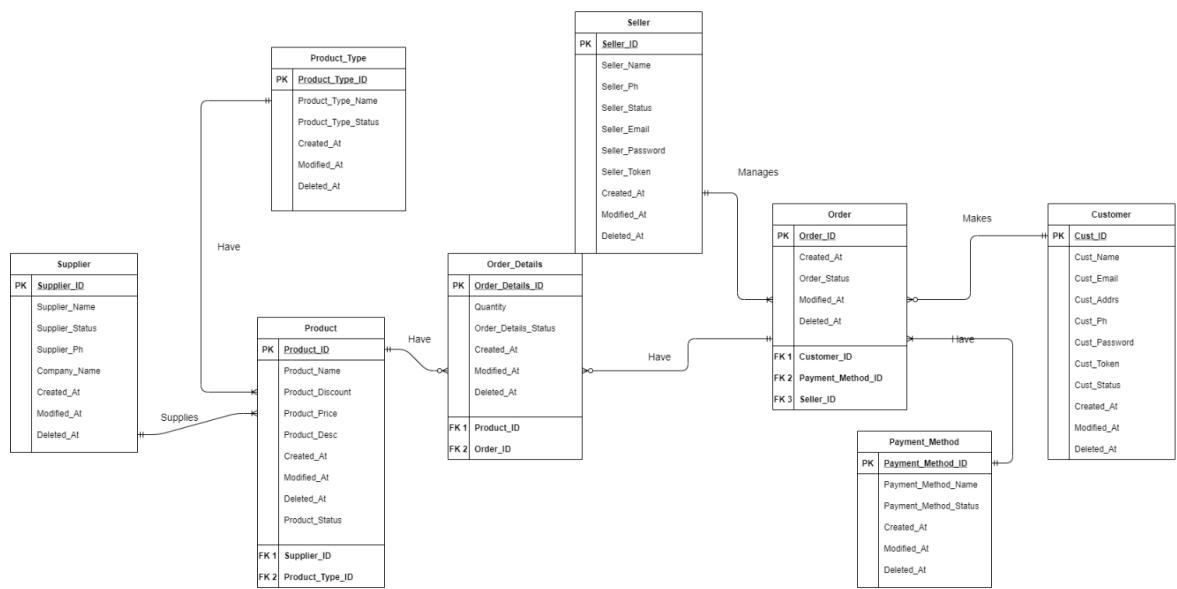
Finally, another problem arises when currently customers are not allowed to roam around the shop to view the products during the pandemic to make their purchase, instead limiting the amount of potential customers to either 2 - 3 per serve. It may discourage customers from waiting for a longer queue. With the implementation of an online system, it can encourage customers to view the products at any time yet purchase the product during business hours and either come to the shop to pick up their item or request delivery service.

3. OBJECTIVE

The main objective of (OSS) Online Shopping System is to manage the details of transaction, product and customer. This project is built for Admin Users and End Users and they have their own functionality on the system. The OSS covers a few more objectives as in general :-

- 1) Manages all the information about each shopping detail which consist Product and Transactions. They extract the product details of what consumers shopped.
- 2) Making a responsive Online Shopping Website within the database to reduce the manual work for managing the system.
- 3) Tracks all the details about the Product, Transaction and Customer. Oss able to keep tracks the whole information about the payment made by customer and the purchased product.
- 4) Automate its existing manual system by the implementation of system software or website, fulfilling their requirement so that the valuable data can be stored for a longer period.
- 5) The implementation of the Online Shopping system will help in boosting efficient services. Basically it describes how to manage for good performance and better services for End-User.

4. ENTITY RELATIONSHIP DIAGRAM (ERD)



8. Data Definition Language (DDL)

8.1 CREATE TABLE

8.1.1. Supplier

```
1 ┌─[CREATE TABLE Supplier
2   (
3     Supplier_ID    NUMBER PRIMARY KEY,
4     Supplier_Name  VARCHAR2(100) NOT NULL,
5     Supplier_Ph    VARCHAR2(11) NOT NULL,
6     Company_Name   VARCHAR2(100) NOT NULL,
7     Supplier_Status NUMBER(2) DEFAULT 1 NOT NULL,
8     Created_At     TIMESTAMP DEFAULT systimestamp NOT NULL,
9     Modified_At    TIMESTAMP DEFAULT NULL,
10    Deleted_At    TIMESTAMP DEFAULT NULL
11  );
12
13
14
15
```

Script Output x | Task completed in 2.999 seconds

Table SUPPLIER created.

8.1.2. Seller

```
1 ┌─[CREATE TABLE Seller
2   (
3     Seller_ID    NUMBER PRIMARY KEY,
4     Seller_Name  VARCHAR2(100) NOT NULL,
5     Seller_Ph    VARCHAR2(11) NOT NULL,
6     Seller_Email  VARCHAR2(100) NOT NULL,
7     Seller_Status NUMBER(2) DEFAULT 1 NOT NULL,
8     Seller_Password VARCHAR2(100) NOT NULL,
9     Seller-Token  VARCHAR2(100) NULL,
10    Created_At    TIMESTAMP DEFAULT systimestamp NOT NULL,
11    Modified_At    TIMESTAMP DEFAULT NULL,
12    Deleted_At    TIMESTAMP DEFAULT NULL
13  );
14
```

Script Output x | Task completed in 4.015 seconds

Table SELLER created.

8.1.3. Customer

```
1
2 CREATE TABLE Customer
3   ( Cust_ID          NUMBER PRIMARY KEY,
4     Cust_Name        VARCHAR2(100) NOT NULL,
5     Cust_Email       VARCHAR2(100) NOT NULL,
6     Cust_Addrs      VARCHAR2(200) NOT NULL,
7     Cust_Ph          VARCHAR2(11) NOT NULL,
8     Cust_Password    VARCHAR2(100) NOT NULL,
9     Cust_Token       VARCHAR2(100) DEFAULT NULL,
10    Cust_Status      NUMBER(2) DEFAULT 0 NOT NULL,
11    Created_At       TIMESTAMP DEFAULT systimestamp NOT NULL,
12    Modified_At      TIMESTAMP DEFAULT NULL,
13    Deleted_At       TIMESTAMP DEFAULT NULL
14 );
```

Script Output x

| Task completed in 1.11 seconds

Table CUSTOMER created.

8.1.4. Payment_Method

```
1 CREATE TABLE Payment_Method
2   (
3     Payment_Method_ID  NUMBER PRIMARY KEY,
4     Payment_Method_Name VARCHAR2(50) NOT NULL,
5     Payment_Method_Status NUMBER(2) DEFAULT 1 NOT NULL,
6     Created_At         TIMESTAMP DEFAULT systimestamp NOT NULL,
7     Modified_At        TIMESTAMP DEFAULT NULL,
8     Deleted_At         TIMESTAMP DEFAULT NULL
9   );
```

Script Output x

| Task completed in 0.597 seconds

Table PAYMENT_METHOD created.

8.1.5. Product_Type

```
1 | CREATE TABLE Product_Type
2 | (
3 |   Product_Type_ID    NUMBER PRIMARY KEY,
4 |   Product_Type_Name  VARCHAR2(50) NOT NULL,
5 |   Product_Type_Status NUMBER(2) DEFAULT 1 NOT NULL,
6 |   Created_At         TIMESTAMP DEFAULT systimestamp NOT NULL,
7 |   Modified_At        TIMESTAMP DEFAULT NULL,
8 |   Deleted_At         TIMESTAMP DEFAULT NULL
9 | );
```

Script Output X

| Task completed in 0.849 seconds

Table PRODUCT_TYPE created.

8.1.6. Product

```
1 | CREATE TABLE Product(
2 |   Product_ID          NUMBER PRIMARY KEY,
3 |   Product_Name        VARCHAR2(100) NOT NULL,
4 |   Product_Discount    NUMBER(8,2) DEFAULT 0,
5 |   Product_Price       NUMBER(8,2) NOT NULL,
6 |   Product_Desc        VARCHAR2(200) DEFAULT NULL,
7 |   Product_Status      NUMBER(2) DEFAULT 1 NOT NULL,
8 |   Created_At          TIMESTAMP DEFAULT systimestamp NOT NULL,
9 |   Modified_At         TIMESTAMP DEFAULT NULL,
10 |  Deleted_At          TIMESTAMP DEFAULT NULL,
11 |  Supplier_ID         NUMBER NOT NULL REFERENCES Supplier(Supplier_ID),
12 |  Product_Type_ID     NUMBER NOT NULL REFERENCES Product_Type(Product_Type_ID)
13 |);
```

Script Output X

| Task completed in 4.505 seconds

Table PRODUCT created.

8.1.7. Orders

```
1 | CREATE TABLE Orders(
2 |   Orders_ID          VARCHAR2(17) PRIMARY KEY,
3 |   Orders_Status       NUMBER(2) DEFAULT 0 NOT NULL,
4 |   Created_At          TIMESTAMP DEFAULT systimestamp NOT NULL,
5 |   Modified_At         TIMESTAMP DEFAULT NULL,
6 |   Deleted_At          TIMESTAMP DEFAULT NULL,
7 |   Cust_ID              NUMBER NOT NULL REFERENCES Customer(Cust_ID),
8 |   Seller_ID             NUMBER NOT NULL REFERENCES Seller(Seller_ID),
9 |   Payment_Method_ID    NUMBER NOT NULL REFERENCES Payment_Method(Payment_Method_ID)
10| );
11| 
```

Script Output X

| Task completed in 3.876 seconds

Table ORDERS created.

8.1.8. Order_Details

```
1 | CREATE TABLE Order_Details(
2 |   Order_Details_ID      NUMBER PRIMARY KEY,
3 |   Quantity              NUMBER NOT NULL,
4 |   Order_Details_Status  NUMBER DEFAULT 0 NOT NULL,
5 |   Created_At            TIMESTAMP DEFAULT systimestamp NOT NULL,
6 |   Modified_At           TIMESTAMP DEFAULT NULL,
7 |   Deleted_At            TIMESTAMP DEFAULT NULL,
8 |   Product_ID             NUMBER NOT NULL REFERENCES Product(Product_ID),
9 |   Orders_ID              VARCHAR2(17) NOT NULL REFERENCES Orders(Orders_ID)
10| );
11|
12|
13|
14| 
```

Script Output X

| Task completed in 39.556 seconds

Table ORDER DETAILS created.

8.2. Create Sequence And Trigger

8.2.1. Supplier

8.2.1.1. Sequence

```
130 | CREATE SEQUENCE SupplierInsert  
131 | INCREMENT BY 1  
132 | START WITH 100000  
133 | MAXVALUE 999999  
134 | NOCACHE  
135 | NOCYCLE;
```

The screenshot shows the Oracle SQL Developer interface. In the top navigation bar, the schema is set to 'OrderSystem' and the table is 'SUPPLIER'. The main area displays the execution results of a sequence creation script. The output window title is 'Script Output'. It shows the message 'Table SUPPLIER created.' followed by 'Sequence SUPPLIERINSERT created.' at the bottom. A status bar at the bottom indicates the task completed in 0.241 seconds.

```
Table SUPPLIER created.  
  
Sequence SUPPLIERINSERT created.
```

8.2.1.2. Trigger

```
CREATE OR REPLACE TRIGGER Supplier  
BEFORE INSERT ON SUPPLIER  
FOR EACH ROW  
  
BEGIN  
    SELECT SupplierInsert.NEXTVAL  
    INTO :new.Supplier_ID  
    FROM dual;  
END;
```

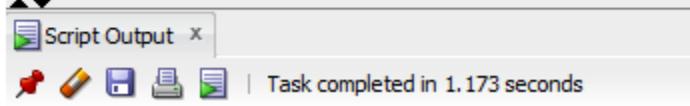
The screenshot shows the Oracle SQL Developer interface. The schema is 'OrderSystem' and the table is 'SUPPLIER'. The main area displays the execution results of a trigger creation script. The output window title is 'Script Output'. It shows the message 'Sequence SUPPLIERINSERT created.' at the bottom. A status bar at the bottom indicates the task completed in 0.417 seconds.

```
Sequence SUPPLIERINSERT created.
```

8.2.2. Seller

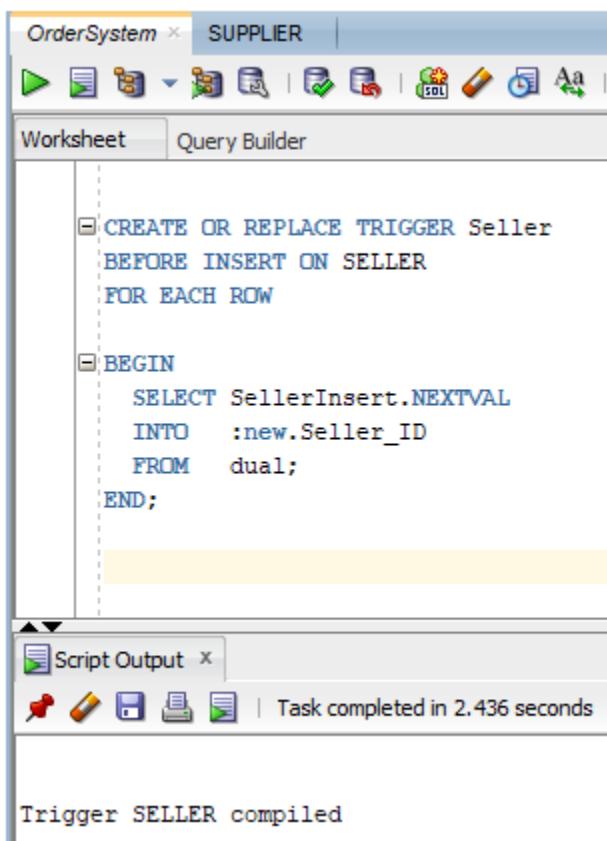
8.2.2.1. Sequence

```
123 | CREATE SEQUENCE SellerInsert  
124 |   INCREMENT BY 1  
125 |   START WITH 100  
126 |   MAXVALUE 99999  
127 |   NOCACHE  
128 |   NOCYCLE;  
129 |
```



Sequence SELLERINSERT created.

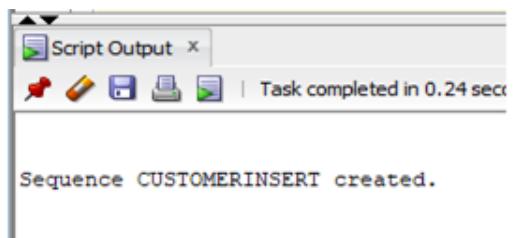
8.2.2.2. Trigger



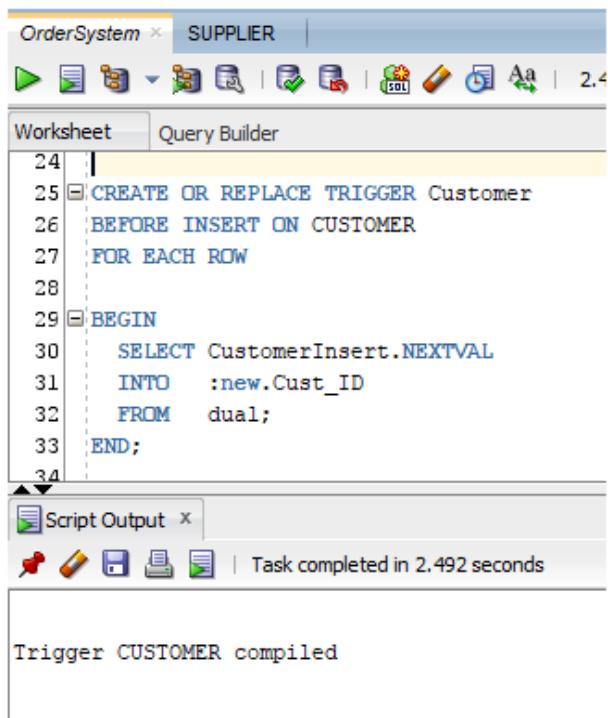
8.2.3. Customer

8.2.3.1. Sequence

```
137 | CREATE SEQUENCE CustomerInsert  
138 | INCREMENT BY 1  
139 | START WITH 1000  
140 | MAXVALUE 99999  
141 | NOCACHE  
142 | NOCYCLE;
```



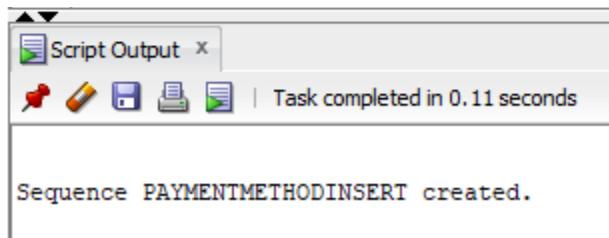
8.2.3.2. Trigger



8.2.4. Payment_Method

8.2.4.1. Sequence

```
144 | CREATE SEQUENCE PaymentMethodInsert  
145 |   INCREMENT BY 1  
146 |   START WITH 10  
147 |   MAXVALUE 99999  
148 |   NOCACHE  
149 |   NOCYCLE;
```



8.2.4.2. Trigger

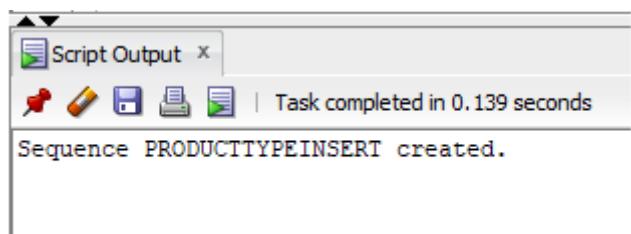
```
23 |  
24 | CREATE OR REPLACE TRIGGER Payment_Method  
25 |   BEFORE INSERT ON Payment_Method  
26 |   FOR EACH ROW  
27 |  
28 | BEGIN  
29 |   SELECT PaymentMethodInsert.NEXTVAL  
30 |   INTO   :new.Payment_Method_ID  
31 |   FROM   dual;  
32 | END;
```

The screenshot shows the Oracle SQL Developer interface. In the top right corner, there is a 'Script Output' window with a toolbar below it. The output window displays the message: 'Trigger PAYMENT_METHOD compiled' and 'Task completed in 1.589 seconds'. The main workspace is visible at the bottom.

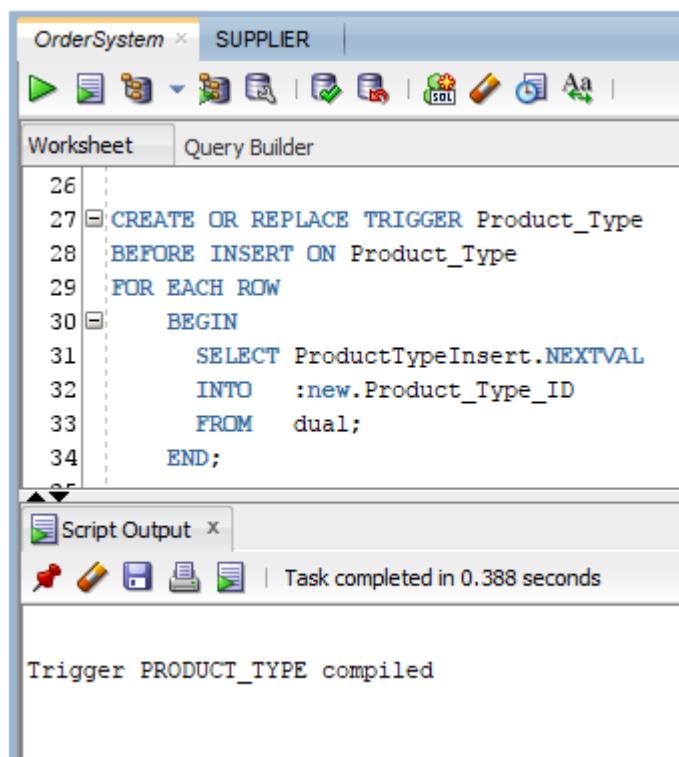
8.2.5. Product_Type

8.2.5.1. Sequence

```
151 | CREATE SEQUENCE ProductTypeInsert  
152 |   INCREMENT BY 1  
153 |   START WITH 1000  
154 |   MAXVALUE 99999  
155 |   NOCACHE  
156 |   NOCYCLE;
```



8.2.5.2. Trigger



8.2.6. Product

8.2.6.1. Sequence

```
20 | CREATE SEQUENCE ProductInsert  
21 |   INCREMENT BY 1  
22 |   START WITH 100000  
23 |   MAXVALUE 999999  
24 |   NOCACHE  
25 |   NOCYCLE;  
26 |
```

8.2.6.2. TRIGGER

```
42 | CREATE OR REPLACE TRIGGER Product  
43 | BEFORE INSERT ON Product  
44 | FOR EACH ROW  
45 | BEGIN  
46 |   SELECT ProductInsert.NEXTVAL  
47 |   INTO :new.Product_ID  
48 |   FROM dual;  
49 | END;  
50 |  
51 |
```

Script Output 

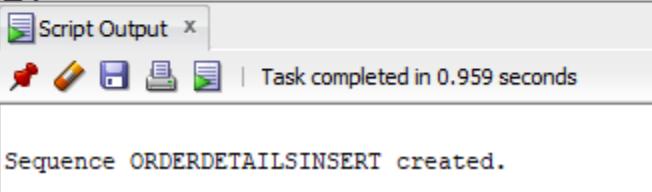
     | Task completed in 13.075 seconds

Trigger PRODUCT compiled

8.2.7. Order_Details

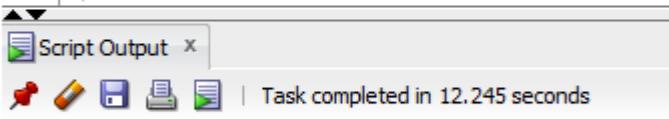
8.2.7.1. Sequence

```
--  
13 | CREATE SEQUENCE OrderDetailsInsert  
14 |   INCREMENT BY 1  
15 |   START WITH 1000  
16 |   MAXVALUE 999999  
17 |   NOCACHE  
18 |   NOCYCLE;  
19 |
```



8.2.7.2. Trigger

```
30 |  
31 | CREATE OR REPLACE TRIGGER Order_Details  
32 |   BEFORE INSERT ON Order_Details  
33 |   FOR EACH ROW  
34 |   BEGIN  
35 |     SELECT OrderDetailsInsert.NEXTVAL  
36 |     INTO   :new.Order_Details_ID  
37 |     FROM   dual;  
38 |   END;  
39 |
```



Sequence ORDERDETAILSINSERT created.

Trigger ORDER_DETAILS compiled

8.3 Alter Table Customer

The screenshot shows the MySQL Workbench interface. The title bar has tabs for 'Welcome Page', 'OrderSystem', and 'PRODUCT'. The main area is a 'Worksheet' tab with the following SQL query:

```
1 | ALTER TABLE CUSTOMER MODIFY CUST_TOKEN VARCHAR(100) NULL;
```

Below the worksheet is a 'Script Output' window showing the result:

```
Table CUSTOMER altered.
```

9.Data Manipulation Language (DML)

9.1. INSERT INTO TABLE

9.1.1. Supplier

The screenshot shows the MySQL Workbench interface. The title bar has tabs for 'OrderSystem' and 'SUPPLIER'. The main area is a 'Worksheet' tab with the following SQL query:

```
1 | INSERT INTO Supplier (Supplier_Name,Supplier_Ph,Company_Name)
2 | SELECT * FROM(
3 |     SELECT 'Muhamed Daniel bin Arifin','0156038160','Intel Corp.' FROM DUAL UNION ALL
4 |     SELECT 'Jong Teo Puah','0151475404','Western Digital Corp.' FROM DUAL UNION ALL
5 |     SELECT 'Violet Tiong Shuo Shiao','0166762880','GMC Worldwide Sdn Bhd' FROM DUAL UNION ALL
6 |     SELECT 'Muhamed Wan Khairun Hazrol bin Che Daiman','0151709090','Seagate ASEAN' FROM DUAL UNION ALL
7 |     SELECT 'Aqilah binti Syed Kamarul','0142741881','AMD Authorized Distributors' FROM DUAL UNION ALL
8 |     SELECT 'Nur Asmaa Tajudin binti Zulfikar','0156038160','Coretronic' FROM DUAL UNION ALL
9 |     SELECT 'Cempaka binti Juhari','0156562433','Dongguan Zhanshixing Technology Co.' FROM DUAL UNION ALL
10 |    SELECT 'Clara Maldonado','0137351946','PCB World Tech' FROM DUAL UNION ALL
11 |    SELECT 'Zhong Key Hoo','0163119911','Gigabyte Technology' FROM DUAL UNION ALL
12 |    SELECT 'Syed Arief bin Awaludin Faris','0140776768','Arrow.' FROM DUAL
13 | );
```

Below the worksheet is a 'Script Output' window showing the result:

```
10 rows inserted.
```

9.1.2. Seller

```
38 | INSERT INTO Seller (Seller_Name,Seller_Ph,Seller_Email,Seller_Password)
39 | WITH LISTS (Seller_Name,Seller_Ph,Seller_Email,Seller_Password)
40 | AS (
41 |     SELECT 'Mohd Rehan bin Amiruddin','0187755947','mohdrdin@gmail.com','$2y$10$FHm0LEHLunbmLMV.HuIlcu6Aq9yCVCV2ul4lwoeIeovjVzCP.aWSC' FROM DUAL UNION ALL
42 |     SELECT 'Syed Zharaubi bin Redha','0180422365','syedzhha@gmail.com','$2y$10$8CJPXpPnlhVKm9AbRwfTutENr7CUfJPL48k37Qw6TfXLhYgS80/S' FROM DUAL UNION ALL
43 |     SELECT 'Damia binti Puadi','0129453880','carror@gmail.com','$2y$10$fvKBcII2Klxrv/46oUPzuhMIyzhlgiqCf7HQNg6FweBw.znBhea' FROM DUAL UNION ALL
44 |     SELECT 'Shakinah binti Wan Jamali Hafizee','0179466357','shakinzee@gmail.com','$2y$10$pdIDPcYOD9AeXee6bHGq4.oWBMsprJWBkk8pChlcIwwIYLb2oS15a' FROM DUAL
45 |
46 |     SELECT * FROM LISTS;
47 | 
```

9.1.3. Payment_Method

The screenshot shows the Oracle SQL Developer interface with the 'SUPPLIER' schema selected. The 'Worksheet' tab is active, displaying the following SQL script:

```
39
40 INSERT INTO Payment_Method (Payment_Method_Name)
41   WITH LISTS(Payment_Method_Name)
42     AS (
43
44       SELECT 'Paypal' FROM DUAL UNION ALL
45       SELECT 'Google Pay' FROM DUAL UNION ALL
46       SELECT 'American Express' FROM DUAL UNION ALL
47       SELECT 'Apple Pay' FROM DUAL UNION ALL
48       SELECT 'Visa Checkout' FROM DUAL UNION ALL
49       SELECT 'Master Pass' FROM DUAL
50     )
51   SELECT * FROM LISTS;
```

The 'Script Output' tab at the bottom shows the result of the execution:

```
6 rows inserted.
```

9.1.4. Product_Type

The screenshot shows the Oracle SQL Developer interface with the 'SUPPLIER' schema selected. The 'Worksheet' tab is active, displaying the following SQL script:

```
37
38
39 INSERT INTO Product_Type (Product_Type_Name)
40   WITH LISTS(Product_Type_Name)
41     AS (
42
43       SELECT 'Processor' FROM DUAL UNION ALL
44       SELECT 'Motherboard' FROM DUAL UNION ALL
45       SELECT 'Ram' FROM DUAL UNION ALL
46       SELECT 'Graphic Card' FROM DUAL UNION ALL
47       SELECT 'Case' FROM DUAL UNION ALL
48       SELECT 'Hard Drive' FROM DUAL UNION ALL
49       SELECT 'Solid State Drive' FROM DUAL UNION ALL
50       SELECT 'Accessories' FROM DUAL
51     )
52   SELECT * FROM LISTS;
```

The 'Script Output' tab at the bottom shows the result of the execution:

```
8 rows inserted.
```

9.1.5. Product

OrderSystem > SUPPLIER | 10.43200016 seconds

Worksheet | Query Builder

```

43 | INSERT INTO Product (Product_Name,Product_Desc,Product_Price,Supplier_ID,Product_Type_ID)
44 | WITH Lists (Product_Name,Product_Desc,Product_Price,Supplier_ID,Product_Type_ID)
45 | AS (
46 |   SELECT 'INTEL CORE i3-10105F','4 CORE/8 THREADS/4.4GHz', 280 , 1 , 1 FROM DUAL UNION ALL
47 |   SELECT 'INTEL CORE i9-10900K','10 CORE/20 THREADS/5.3GHz', 1500 , 1 , 1 FROM DUAL UNION ALL
48 |   SELECT 'INTEL CORE i7-10700','8 CORE/16 THREADS/4.8GHz', 1000 , 1 , 1 FROM DUAL UNION ALL
49 |   SELECT 'AMD RYZEN 9 5950X','16 Core/32 Threads/3.4ghz-4.5ghz/AM4', 3000 , 5 , 1 FROM DUAL UNION ALL
50 |   SELECT 'AMD RYZEN 9 5900X','12 Core/24 Threads/3.7ghz-4.5ghz/AM4', 2499 , 5 , 1 FROM DUAL UNION ALL
51 |   SELECT 'AMD RYZEN 7 5800X','8 Core/16 Threads/3.8ghz-4.7ghz/AM4', 1900 , 5 , 1 FROM DUAL UNION ALL
52 |   SELECT 'AMD RYZEN 5 5600X','6 Core/12 Threads/3.7ghz-4.6ghz/AM4', 1499 , 5 , 1 FROM DUAL UNION ALL
53 |   SELECT 'Gigabyte Z590 AORUS Xtreme Waterforce','Waterblock/EATX/VRM 20+1/4xDDR4 5400/2xTB Connectors/SLI+CF/3xM.2/6xSata/WIFI 6E + BT VS.2/ARGB+RGB', 4999 , 9 , 2
54 |   FROM DUAL UNION ALL
55 |   SELECT 'GIGABYTE Z590 GAMING X','ATX/VRM 12+1/4xDDR4 5000/CF/2xM.2/6xSata/ARGB+RGB', 699 , 9 , 2 FROM DUAL UNION ALL
56 |   SELECT 'GIGABYTE B560 AORUS PRO AX','ATX/VRM 12+1/4xDDR4 5333/CF/3xM.2/6xSata/WIFI 6 + BT VS.1/ARGB+RGB/2.5LAN', 799 , 9 , 2 FROM DUAL UNION ALL
57 |   SELECT 'GIGABYTE B550 GAMING X','10+3-phase VRM/ATX/4x4733Mhz/Crossfire/2x M.2/4x Sata3/Addressable RGB Header/Gigabit LAN', 635 , 9 , 2 FROM DUAL UNION ALL
58 |   SELECT 'GIGABYTE B450 AORUS PRO WiFi','ATX/4x3600Mhz/Crossfire/2x M.2/4x Sata3/Addressable RGB Header/Gigabit LAN/WIFI AC/BT V4.2', 599 , 9 , 2 FROM DUAL UNION ALL
59 |   SELECT 'CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)','DDR4 3600MHz C16(Black)', 499 , 6 , 3 FROM DUAL UNION ALL
60 |   SELECT 'CORSAIR VENGEANCE RGB PRO 32GB(2x16GB)','DDR4 3600MHz C16(White)', 599 , 6 , 3 FROM DUAL UNION ALL
61 |   SELECT 'CORSAIR VENGEANCE RGB PRO 64GB(2x32GB)','DDR4 3600MHz C16(Black)', 799 , 6 , 3 FROM DUAL UNION ALL
62 |   SELECT 'CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)','DDR4 3200MHz C16(Black)', 450 , 6 , 3 FROM DUAL UNION ALL
63 |   SELECT 'CORSAIR VENGEANCE RGB PRO 32GB(2x16GB)','DDR4 3200MHz C16(Black)', 550 , 6 , 3 FROM DUAL UNION ALL
64 |   SELECT 'CORSAIR VENGEANCE RGB PRO 64GB(2x32GB)','DDR4 3200MHz C16(White)', 750 , 6 , 3 FROM DUAL UNION ALL
65 |
66 |   SELECT 'CORSAIR VENGEANCE RGB PRO 64GB(2x32GB)','DDR4 3200MHz C16(White)', 750 , 6 , 3 FROM DUAL UNION ALL
67 |   SELECT 'AMD RADEON RX6900XT','Original Founders Edition ', 5600 , 5 , 4 FROM DUAL UNION ALL
68 |   SELECT 'AMD RADEON RX6800XT','Original Founders Edition ', 3900 , 5 , 4 FROM DUAL UNION ALL
69 |   SELECT 'AMD RADEON RX6700XT','Original Founders Edition ', 3000 , 5 , 4 FROM DUAL UNION ALL
70 |   SELECT 'NVIDIA GEFORCE RTX3090','Original Founders Edition ', 6500,8,4 FROM DUAL UNION ALL
71 |   SELECT 'NVIDIA GEFORCE RTX3080','Original Founders Edition ', 3400,8,4 FROM DUAL UNION ALL
72 |   SELECT 'NVIDIA GEFORCE RTX3070','Original Founders Edition ', 2700,8,4 FROM DUAL UNION ALL
73 |   SELECT 'NVIDIA GEFORCE RTX3060','Original Founders Edition ', 2500,8,4 FROM DUAL UNION ALL
74 |   SELECT 'GIGABYTE RADEON RX6900XT GAMING OC','16GB VRAM ', 5900 , 9 , 4 FROM DUAL UNION ALL
75 |   SELECT 'GIGABYTE RADEON RX6800XT GAMING OC','16GB VRAM ', 4100 , 9 , 4 FROM DUAL UNION ALL
76 |   SELECT 'GIGABYTE RADEON RX6700XT GAMING OC','12GB VRAM ', 3300 , 9 , 4 FROM DUAL UNION ALL
77 |   SELECT 'GIGABYTE GEFORCE RTX3090','24GB DDR6X', 6900,9,4 FROM DUAL UNION ALL
78 |   SELECT 'GIGABYTE GEFORCE RTX3080','10GB DDR6X', 3700,9,4 FROM DUAL UNION ALL
79 |   SELECT 'GIGABYTE GEFORCE RTX3070','8GB DDR6', 3000,9,4 FROM DUAL UNION ALL
80 |   SELECT 'GIGABYTE GEFORCE RTX3060','12GB DDR6', 2700,9,4 FROM DUAL UNION ALL
81 |   SELECT 'H510 Series','Compact ATX Mid-Tower Cases', 299,10,5 FROM DUAL UNION ALL
82 |   SELECT 'H510i Series','Compact Mid-Tower Case with RGB', 399,10,5 FROM DUAL UNION ALL
83 |   SELECT 'H1','Compact Mini-ITX Case w/ AIO PSU AND Riser', 380,10,5 FROM DUAL UNION ALL
84 |   SELECT 'H710i','Mid-Tower Case with RGB', 499,10,5 FROM DUAL UNION ALL
85 |   SELECT 'WD 1TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 150,2,6 FROM DUAL UNION ALL
86 |   SELECT 'WD 2TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 230,2,6 FROM DUAL UNION ALL
87 |   SELECT 'WD 4TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 270,2,6 FROM DUAL UNION ALL
88 |   SELECT 'WD 6TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 320,2,6 FROM DUAL UNION ALL
89 |   SELECT 'WD 8TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 350,2,6 FROM DUAL UNION ALL

```

Script Output | Task completed in 10.432 seconds

61 rows inserted.

OrderSystem > SUPPLIER | 10.43200016 seconds

Worksheet | Query Builder

```

66 | SELECT 'CORSAIR VENGEANCE RGB PRO 64GB(2x32GB)','DDR4 3200MHz C16(White)', 750 , 6 , 3 FROM DUAL UNION ALL
67 | SELECT 'AMD RADEON RX6900XT','Original Founders Edition ', 5600 , 5 , 4 FROM DUAL UNION ALL
68 | SELECT 'AMD RADEON RX6800XT','Original Founders Edition ', 3900 , 5 , 4 FROM DUAL UNION ALL
69 | SELECT 'AMD RADEON RX6700XT','Original Founders Edition ', 3000 , 5 , 4 FROM DUAL UNION ALL
70 | SELECT 'NVIDIA GEFORCE RTX3090','Original Founders Edition ', 6500,8,4 FROM DUAL UNION ALL
71 | SELECT 'NVIDIA GEFORCE RTX3080','Original Founders Edition ', 3400,8,4 FROM DUAL UNION ALL
72 | SELECT 'NVIDIA GEFORCE RTX3070','Original Founders Edition ', 2700,8,4 FROM DUAL UNION ALL
73 | SELECT 'NVIDIA GEFORCE RTX3060','Original Founders Edition ', 2500,8,4 FROM DUAL UNION ALL
74 | SELECT 'GIGABYTE RADEON RX6900XT GAMING OC','16GB VRAM ', 5900 , 9 , 4 FROM DUAL UNION ALL
75 | SELECT 'GIGABYTE RADEON RX6800XT GAMING OC','16GB VRAM ', 4100 , 9 , 4 FROM DUAL UNION ALL
76 | SELECT 'GIGABYTE RADEON RX6700XT GAMING OC','12GB VRAM ', 3300 , 9 , 4 FROM DUAL UNION ALL
77 | SELECT 'GIGABYTE GEFORCE RTX3090','24GB DDR6X', 6900,9,4 FROM DUAL UNION ALL
78 | SELECT 'GIGABYTE GEFORCE RTX3080','10GB DDR6X', 3700,9,4 FROM DUAL UNION ALL
79 | SELECT 'GIGABYTE GEFORCE RTX3070','8GB DDR6', 3000,9,4 FROM DUAL UNION ALL
80 | SELECT 'GIGABYTE GEFORCE RTX3060','12GB DDR6', 2700,9,4 FROM DUAL UNION ALL
81 | SELECT 'H510 Series','Compact ATX Mid-Tower Cases', 299,10,5 FROM DUAL UNION ALL
82 | SELECT 'H510i Series','Compact Mid-Tower Case with RGB', 399,10,5 FROM DUAL UNION ALL
83 | SELECT 'H1','Compact Mini-ITX Case w/ AIO PSU AND Riser', 380,10,5 FROM DUAL UNION ALL
84 | SELECT 'H710i','Mid-Tower Case with RGB', 499,10,5 FROM DUAL UNION ALL
85 | SELECT 'WD 1TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 150,2,6 FROM DUAL UNION ALL
86 | SELECT 'WD 2TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 230,2,6 FROM DUAL UNION ALL
87 | SELECT 'WD 4TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 270,2,6 FROM DUAL UNION ALL
88 | SELECT 'WD 6TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 320,2,6 FROM DUAL UNION ALL
89 | SELECT 'WD 8TB Caviar','Black 7200RPM/64MB (Heavy Duty)', 350,2,6 FROM DUAL UNION ALL

```

Script Output | Task completed in 10.432 seconds

61 rows inserted.

OrderSystem X | SUPPLIER | 10.43200016 seconds

Worksheet | Query Builder

```

88 -- SELECT 'WD 6TB Caviar','Black 7200RPM/64MB (Heavy Duty)',320,2,6 FROM DUAL UNION ALL
89 -- SELECT 'WD 8TB Caviar','Black 7200RPM/64MB (Heavy Duty)',350,2,6 FROM DUAL UNION ALL
90 -- SELECT 'WD 10TB Caviar','Black 7200RPM/64MB (Heavy Duty)',400,2,6 FROM DUAL UNION ALL
91 -- SELECT 'SEAGATE 1TB Ironwoft','Black 7200RPM/256MB',160,4,6 FROM DUAL UNION ALL
92 -- SELECT 'SEAGATE 2TB Ironwoft','Black 7200RPM/256MB',240,4,6 FROM DUAL UNION ALL
93 -- SELECT 'SEAGATE 4TB Ironwoft','Black 7200RPM/256MB',299,4,6 FROM DUAL UNION ALL
94 -- SELECT 'SEAGATE 6TB Ironwoft','Black 7200RPM/256MB',330,4,6 FROM DUAL UNION ALL
95 -- SELECT 'SEAGATE 8TB Ironwoft','Black 7200RPM/256MB',370,4,6 FROM DUAL UNION ALL
96 -- SELECT 'SEAGATE 10TB Ironwoft','Black 7200RPM/256MB',410,4,6 FROM DUAL UNION ALL
97 -- SELECT 'SAMSUNG 870 EVO 250GB Sata SSD','White',120,3,7 FROM DUAL UNION ALL
98 -- SELECT 'SAMSUNG 870 EVO 500GB Sata SSD','White',160,3,7 FROM DUAL UNION ALL
99 -- SELECT 'SAMSUNG 870 EVO 1TB Sata SSD','White',199,3,7 FROM DUAL UNION ALL
100 -- SELECT 'SAMSUNG 870 EVO 2TB Sata SSD','White',210,3,7 FROM DUAL UNION ALL
101 -- SELECT 'SAMSUNG 970 EVO PLUS M.2 NVME 250GB SSD','Black',125,3,7 FROM DUAL UNION ALL
102 -- SELECT 'SAMSUNG 970 EVO PLUS M.2 NVME 500GB SSD','Black',170,3,7 FROM DUAL UNION ALL
103 -- SELECT 'SAMSUNG 970 EVO PLUS M.2 NVME 1TB SSD','Black',210,3,7 FROM DUAL UNION ALL
104 -- SELECT 'SAMSUNG 970 EVO PLUS M.2 NVME 2TB SSD','Black',240,3,7 FROM DUAL UNION ALL
105 -- SELECT 'LOGITECH C922 PRO STREAM WEBCAM','Black',320,7,8 FROM DUAL UNION ALL
106 -- SELECT 'ELGATO 4K60 PRO MK.2 PCIe Game Capture Card','Black 4K 60FPS Capture',500,7,8 FROM DUAL UNION ALL
107 -- SELECT 'NZXT RGB AND Fan Controller','2 Set',80,10,8 FROM DUAL UNION ALL
108 -- SELECT 'CoolerMaster Mastergel Pro','Nice',10,7,8 FROM DUAL UNION ALL
109 -- SELECT 'JCreate USB Type-C','VGA AND USB 3.0 Hub with Power Delivery 2.0',100,7,8 FROM DUAL
110 )
111 SELECT * FROM Lists;

```

Script Output | Task completed in 10.432 seconds

61 rows inserted.

9.1.6. Customer

```

36 | INSERT INTO Customer (Cust_Name,Cust_Email,Cust_Addrs,Cust_Ph,Cust_Password,Cust_Status)
37 | VALUES ('Muhd Ali Samsudin','fatcheese987654321@gmail.com','Block S - 107 Pandan Selangor Maju 5/1, Jalan Maju 3/1,
38 | Selangor, 55300 Kuala Lumpur','01111720190', '$2y$10$re3w3h0f6lsMwJeu54MiToDXCkoLy9STRzpQ9NURN/nDBdbEVY6i',1);
39 |

```

Script Output | Task completed in 0.453 seconds

1 row inserted.

9.2. Select Table

9.2.1. Seller

1 | SELECT * FROM SELLER;

Query Result | All Rows Fetched: 12 in 12.86 seconds

	SELLER_ID	SELLER_NAME	SELLER_PH	SELLER_EMAIL	CREATED_AT	MODIFIED_AT	DELETED_AT
1	1	Mohd Rehan bin Amiruddin	0187755947	mohrdrin@gmail.com	01/07/2021 17:59:57.732000000	(null)	(null)
2	2	Syed Zharabi bin Redha	0180422365	syedzhhha@gmail.com	01/07/2021 17:59:57.732000000	(null)	(null)
3	3	Damia binti Puadi	0129453880	carror@gmail.com	01/07/2021 17:59:57.732000000	(null)	(null)
4	4	Shakinah binti Wan Jamali Hafizee	0179466357	shakinzee@gmail.com	01/07/2021 17:59:57.732000000	(null)	(null)
5	5	Mohd Rehan bin Amiruddin	0187755947	mohrdrin@gmail.com	01/07/2021 18:01:43.184000000	(null)	(null)
6	6	Syed Zharabi bin Redha	0180422365	syedzhhha@gmail.com	01/07/2021 18:01:43.184000000	(null)	(null)
7	7	Damia binti Puadi	0129453880	carror@gmail.com	01/07/2021 18:01:43.184000000	(null)	(null)
8	8	Shakinah binti Wan Jamali Hafizee	0179466357	shakinzee@gmail.com	01/07/2021 18:01:43.184000000	(null)	(null)
9	9	Mohd Rehan bin Amiruddin	0187755947	mohrdrin@gmail.com	01/07/2021 18:01:48.006000000	(null)	(null)
10	10	Syed Zharabi bin Redha	0180422365	syedzhhha@gmail.com	01/07/2021 18:01:48.006000000	(null)	(null)
11	11	Damia binti Puadi	0129453880	carror@gmail.com	01/07/2021 18:01:48.006000000	(null)	(null)
12	12	Shakinah binti Wan Jamali Hafizee	0179466357	shakinzee@gmail.com	01/07/2021 18:01:48.006000000	(null)	(null)

9.2.2. Supplier

1 | SELECT * FROM SUPPLIER;

Query Result | All Rows Fetched: 10 in 0.261 seconds

	SUPPLIER_ID	SUPPLIER_NAME	SUPPLIER_PH	COMPANY_NAME	CREATED_AT
1	1	Muhamed Daniel bin Arifin	0156038160	Intel Corp.	01/07/2021 17:43:42.512000
2	2	Jong Teo Puah	0151475404	Western Digital Corp.	01/07/2021 17:43:42.512000
3	3	Violet Tiong Shuo Shiao	0166762880	GMC Worldwide Sdn Bhd	01/07/2021 17:43:42.512000
4	4	Muhamed Wan Khairun Hazrol bin Che Daiman	0151709090	Seagate ASEAN	01/07/2021 17:43:42.512000
5	5	Aqilah binti Syed Kamarul	0142741881	AMD Authorized Distributors	01/07/2021 17:43:42.512000
6	6	Nur Asmaa Tajudin binti Zulfikar	0156038160	Coretronic	01/07/2021 17:43:42.512000
7	7	Cempaka binti Juhari	0156562433	Dongguan Zhanshixing Technology Co.	01/07/2021 17:43:42.512000
8	8	Clara Maldonado	0137351946	PCB World Tech	01/07/2021 17:43:42.512000
9	9	Zhong Key Hoo	0163119911	Gigabyte Technology	01/07/2021 17:43:42.512000
10	10	Syed Arief bin Awaludin Faris	0140776768	Arrow.	01/07/2021 17:43:42.512000

9.2.3. Product_Type

9.2.4. Product

1 | SELECT * FROM PRODUCT_TYPE;

Query Result | All Rows Fetched: 8 in 0.108 seconds

	PRODUCT_TYPE_ID	PRODUCT_TYPE_NAME	CREATED_AT	MODIFIED_AT	DELETED_AT
1	1	Processor	01/07/2021 18:21:46.512000000	(null)	(null)
2	2	Motherboard	01/07/2021 18:21:46.512000000	(null)	(null)
3	3	Ram	01/07/2021 18:21:46.512000000	(null)	(null)
4	4	Graphic Card	01/07/2021 18:21:46.512000000	(null)	(null)
5	5	Case	01/07/2021 18:21:46.512000000	(null)	(null)
6	6	Hard Drive	01/07/2021 18:21:46.512000000	(null)	(null)
7	7	Solid State Drive	01/07/2021 18:21:46.512000000	(null)	(null)
8	8	Accessories	01/07/2021 18:21:46.512000000	(null)	(null)

1 | SELECT * FROM PRODUCT;

Query Result | All Rows Fetched: 66 in 0.485 seconds

	PRODUCT_ID	PRODUCT_NAME	PRODUCT_DISCOUNT	PRODUCT_PRICE	PRODUCT_DESC	CREATED_AT	MODIFIED_AT	DELETED_AT	SUPPLIER_ID	PRODUCT_TYPE_ID
1	1	AMD RADEON RX6700XT	(null)	3000	Original Foo...	01/07/2...	(null)	(null)	5	4
2	2	AMD RADEON RX6800XT	(null)	3900	Original Foo...	01/07/2...	(null)	(null)	5	4
3	3	AMD RADEON RX6900XT	(null)	5600	Original Foo...	01/07/2...	(null)	(null)	5	4
4	4	AMD RYZEN 5 5600X	(null)	1499	6 Core/12 T...	01/07/2...	(null)	(null)	5	1
5	5	AMD RYZEN 7 5800X	(null)	1900	8 Core/16 T...	01/07/2...	(null)	(null)	5	1
6	6	AMD RYZEN 9 5900X	(null)	2499	12 Core/24 ...	01/07/2...	(null)	(null)	5	1
7	7	AMD RYZEN 9 5950X	(null)	3000	16 Core/32 ...	01/07/2...	(null)	(null)	5	1
8	8	CORSAIR VENGEANCE RGB P...	(null)	450	DDR4 3200MH...	01/07/2...	(null)	(null)	6	3
9	9	CORSAIR VENGEANCE RGB P...	(null)	499	DDR4 3600MH...	01/07/2...	(null)	(null)	6	3
10	10	CORSAIR VENGEANCE RGB P...	(null)	550	DDR4 3200MH...	01/07/2...	(null)	(null)	6	3

9.2.5. Payment_Method

1 | SELECT * FROM PAYMENT_METHOD;

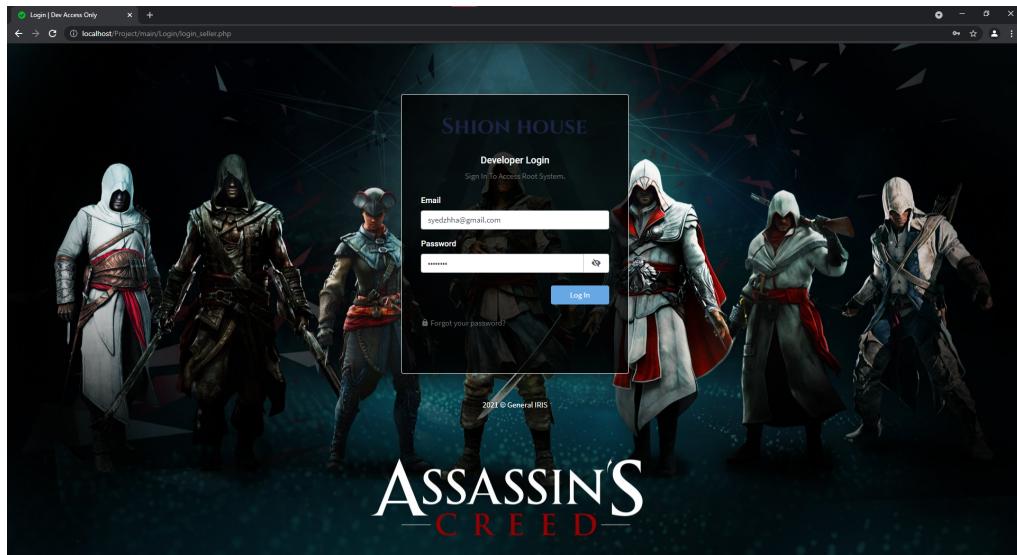
Query Result | All Rows Fetched: 6 in 0.141 seconds

	PAYMENT_METHOD_ID	PAYMENT_METHOD_NAME	CREATED_AT	MODIFIED_AT	DELETED_AT
1	1	Paypal	01/07/2021 18:17:11.182000000	(null)	(null)
2	2	Google Pay	01/07/2021 18:17:11.182000000	(null)	(null)
3	3	American Express	01/07/2021 18:17:11.182000000	(null)	(null)
4	4	Apple Pay	01/07/2021 18:17:11.182000000	(null)	(null)
5	5	Visa Checkout	01/07/2021 18:17:11.182000000	(null)	(null)
6	6	Master Pass	01/07/2021 18:17:11.182000000	(null)	(null)

10.SCREENSHOTS OF DATABASE SYSTEMS

10.1. Seller

10.1.1 Seller Login



10.1.2. Navigation Bar (After Login)

HOME ABOUT **SELLER** PRODUCT ORDER'S DETAILS SYED ZHARAUBI BIN REDHA LOGOUT

Add New Seller
Seller Details /
Update

Home

10.1.3. Add New Product

ADD NEW PRODUCT

Please insert the details.

Xiaomi Mi 9T Airbud

Zhong Key Hoo

Accessories

99

Discount

Black with cases

BACK CLEAR ADD

Sellers can add a new product. Seller will insert product name, price, discount (if any) and description and will choose the supplier and product type and then hit “ADD” button.

10.1.4. Product's List

PRODUCT LIST										
ID	Name	Price	Discount	Description	Created At	Modified At	Supplier Name	Product Type	Status	Action
100000	AMD RADEON RX6700XT	3000	0	Original Founders Edition	09-JUL-21 05.23.47.118000 PM		Aqilah binti Syed Kamarul	Graphic Card	In Stock	<button>Update</button>
100001	AMD RADEON RX6800XT	3900	0	Original Founders Edition	09-JUL-21 05.23.47.118000 PM		Aqilah binti Syed Kamarul	Graphic Card	In Stock	<button>Update</button>
100002	AMD RADEON RX6900XT	5600	0	Original Founders Edition	09-JUL-21 05.23.47.118000 PM		Aqilah binti Syed Kamarul	Graphic Card	In Stock	<button>Update</button>
100003	AMD RYZEN 5 5600X	1499	0	6 Core/12 Threads/3.7ghz-4.6ghz/AM4	09-JUL-21 05.23.47.118000 PM		Aqilah binti Syed Kamarul	Processor	In Stock	<button>Update</button>
100004	AMD RYZEN 7 5800X	1900	0	8 Core/16 Threads/3.8ghz-4.7ghz/AM4	09-JUL-21 05.23.47.118000 PM		Aqilah binti Syed Kamarul	Processor	In Stock	<button>Update</button>

Sellers can search based on the product name that they want to update on the search form. Sellers can also see the total product they have. They will see the details of product such as product id, product name, price, description, created at, modified at, supplier name and product type. There is a button available to update the product details that they have selected.

10.1.4.1 Search Product

PRODUCT LIST										
ID	Name	Price	Discount	Description	Created At	Modified At	Supplier Name	Product Type	Status	Action
100062	Xiaomi Mi 9T Airbud	99		Black with cases	13-JUL-21 06.34.06.375000 PM		Zhong Key Hoo	Accessories	In Stock	<button>Update</button>

10.1.5. Update Product

EDIT PRODUCT

Name	<input type="text" value="Xiaomi Mi 9T Airbud"/>
Supplier	<input type="text" value="100008"/>
Product Type	<input type="text" value="1007"/>
Price	<input type="text" value="99"/>
Discount	<input type="text"/>
Description	<input type="text" value="Black with cases"/>
Status	<input type="radio"/> In Stock <input checked="" type="radio"/> Out of Stock
<input type="button" value="Save Changes"/> <input type="button" value="Cancel"/>	

10.1.6. Order Details List

ORDER DETAILS LIST								
ID	Order ID	Customer Name	Product Name	Quantity	Created At	Modified At	Status	Action
1155	9407111411529036	Elloo	H710i	2	13-JUL-21 06.23.14.649000 PM		Incomplete	<button>Update</button>
1154	9407111411529036	Elloo	GIGABYTE B450 AORUS PRO WIFI	2	13-JUL-21 06.23.14.648000 PM		Incomplete	<button>Update</button>
1153	9407111411529036	Elloo	CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)	3	13-JUL-21 06.23.14.644000 PM		Incomplete	<button>Update</button>
1152	5740468060547948	Elloo	GIGABYTE GEFORCE RTX3080	2	13-JUL-21 04.14.29.418000 PM		Incomplete	<button>Update</button>
1151	5740468060547948	Elloo	GIGABYTE B560 AORUS Pro AX	1	13-JUL-21 04.14.29.416000 PM		Incomplete	<button>Update</button>
1150	5740468060547948	Elloo	AMD RYZEN 5 5600X	2	13-JUL-21 04.14.29.407000 PM		Incomplete	<button>Update</button>
1149	2080475592359785	Elloo	H510i Series	1	13-JUL-21 03.22.28.298000 PM		Incomplete	<button>Update</button>
1148	2080475592359785	Elloo	CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)	1	13-JUL-21		Incomplete	<button>Update</button>

All the order details that have not been completed will be displayed on this page. As shown, Sellers are able to update the status of the orders from incomplete to complete. Sellers also can search for the order they want to see from search form. The seller can also see the total orders they have based on one order ID. They will see the details of order such as order details id, order id, customer name, product name, quantity of product and created at.

10.1.7. Update Order Details

UPDATE ORDER STATUS

ID	<input type="text" value="1155"/>
Order ID	<input type="text" value="9407111411529036"/>
Product ID	<input type="text" value="100029"/>
Quantity	<input type="text" value="2"/>
Status	<input style="border: 1px solid #ccc; padding: 2px; width: 150px; height: 20px; margin-right: 10px;" type="button" value="Completed"/> <input style="border: 1px solid #ccc; padding: 2px; width: 150px; height: 20px;" type="button" value="Incomplete"/>
<input style="background-color: #e67e22; color: white; border: none; padding: 5px 20px; margin-right: 10px;" type="button" value="Save Changes"/> <input style="background-color: #e67e22; color: white; border: none; padding: 5px 20px;" type="button" value="Cancel"/>	

9407|||4|||529036

ORDER DETAILS LIST

ID	Order ID	Customer Name	Product Name	Quantity	Created At	Modified At	Status	Action
I155	9407 4 529036	Elloo	H710i	2	13-JUL-21 06.23.14.649000 PM	13-JUL-21 06.38.03.140000 PM	Completed	<button>Update</button>
I154	9407 4 529036	Elloo	GIGABYTE B450 AORUS PRO WIFI	2	13-JUL-21 06.23.14.648000 PM	13-JUL-21 06.38.08.822000 PM	Completed	<button>Update</button>
I153	9407 4 529036	Elloo	CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)	3	13-JUL-21 06.23.14.644000 PM	13-JUL-21 06.38.13.017000 PM	Completed	<button>Update</button>

One customer ordered 3 products. Each product has the same order ID as the customer buying them at the same time. To change the status of the order details, Seller needs to update the status for all three products. Result will be displayed at page 40 section (10.2.12).

10.1.8. Add New Seller

ADD NEW SELLER

Please insert the details.

BACK
CLEAR
ADD

Sellers also may add new seller accounts.

10.1.9. Seller List

SELLER LIST

ID	Name	Phone No	Email	Created At	Modified At	Status	Action
I00	Mohd Rehan bin Amiruddin	0187755947	mohdrdin@gmail.com	09-JUL-21 05.20.53.030000 PM		Work	<button>Update</button>
I01	Syed Zharaubi bin Redha	0180422365	syedzhha@gmail.com	09-JUL-21 05.20.53.030000 PM		Work	<button>Update</button>
I02	Damia binti Puadi	0129453880	carror@gmail.com	09-JUL-21 05.20.53.030000 PM		Work	<button>Update</button>
I03	Shakinah binti Wan Jamali Hafizee	0179466357	shakinzee@gmail.com	09-JUL-21 05.20.53.030000 PM		Work	<button>Update</button>
I04	Siti Asiah	0192836745	asiah@gmail.com	13-JUL-21 02.32.12.625000 PM		Work	<button>Update</button>
I05	Ellya Nadhirah	0192837465	elly@gmail.com	13-JUL-21 02.55.51.342000 PM	13-JUL-21 02.56.31.865000 PM	Quit	<button>Update</button>
I06	Muyoel Kang	0122393945	mKang@support.com	13-JUL-21 06.40.07.768000 PM		Work	<button>Update</button>

10.1.10. Update Seller

EDIT SELLER

Name

Phone No

Email

Status
WorkWorkQuit

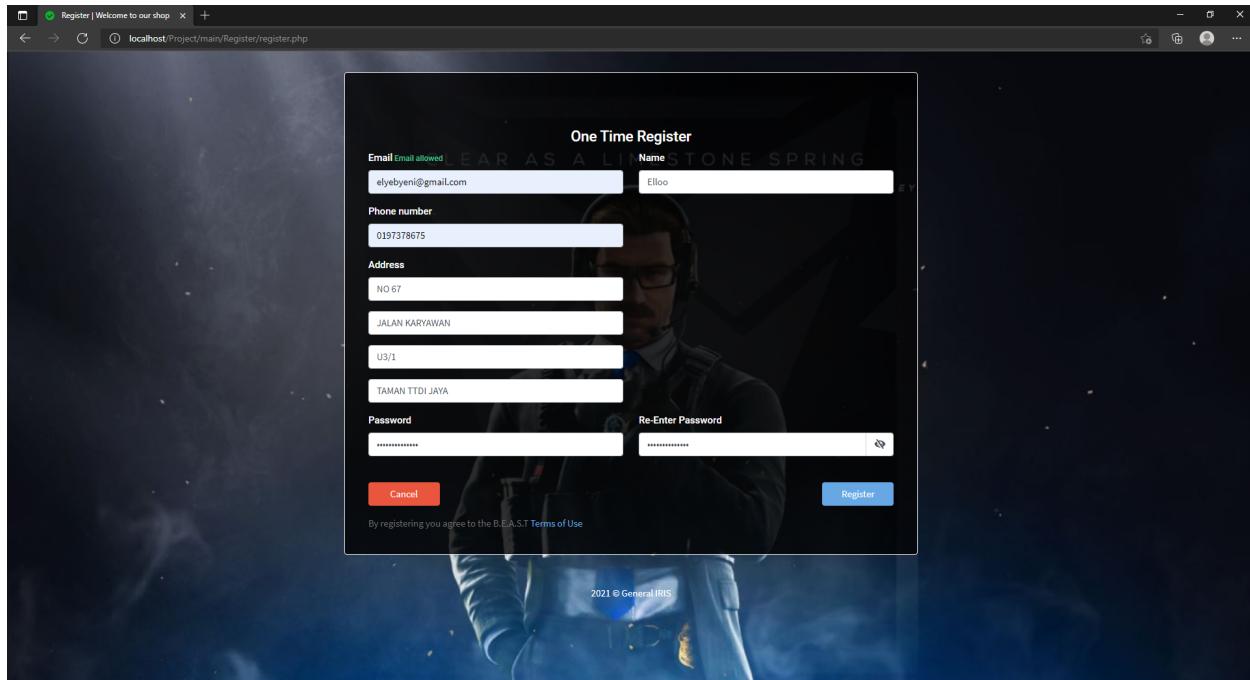
Save Changes Cancel

106 Muyoel Kang 0122393945 mkang@support.com 13-JUL-21 06.40.07.768000 PM 13-JUL-21 06.41.09.805000 PM Quit Update

Updating the status of the seller either they are at work or quit.

10.2. Customer

10.2.1. Register



One Time Register

Email Email allowed Name

Phone number

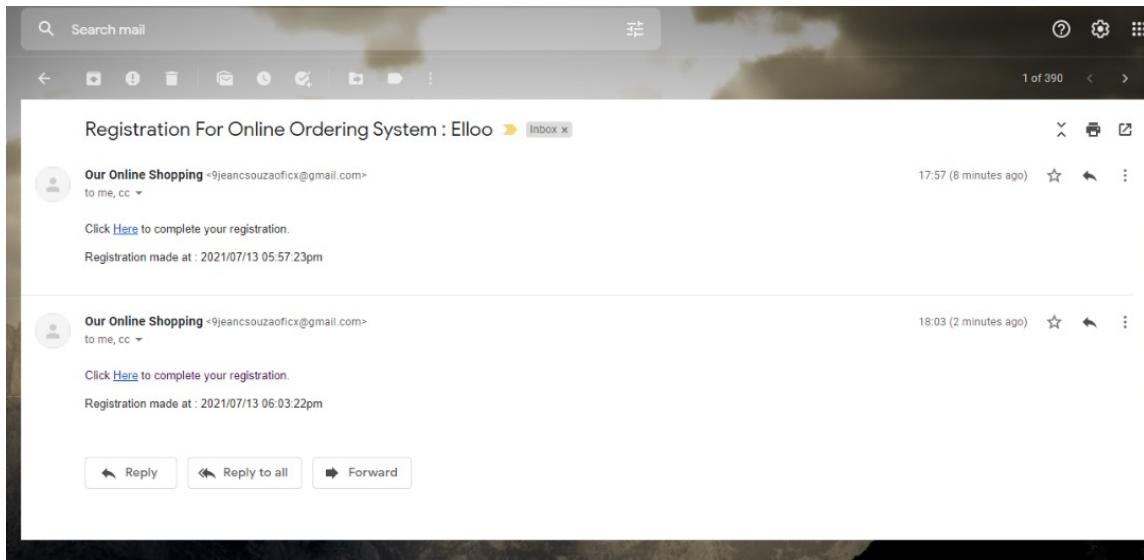
Address

Password Re-Enter Password

By registering you agree to the B.E.A.S.T Terms of Use

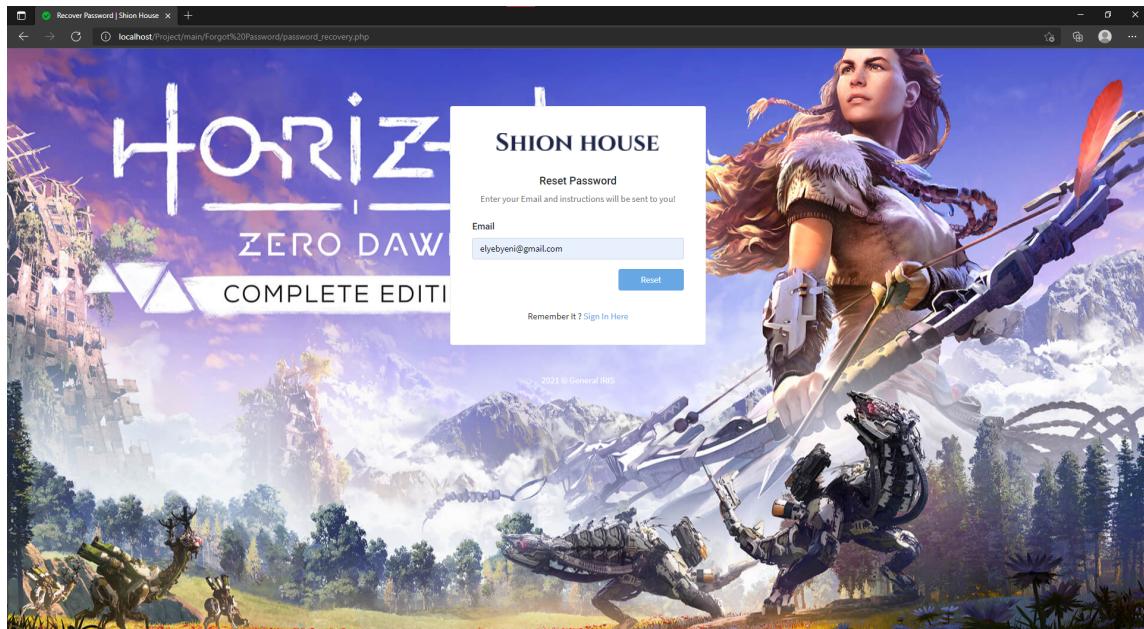
Customer registration is needed as if they want to proceed to make any order. For the input, customers need to insert their information which consists of valid email, proper name, phone number, Address and password.

10.2.2. Confirm Registration

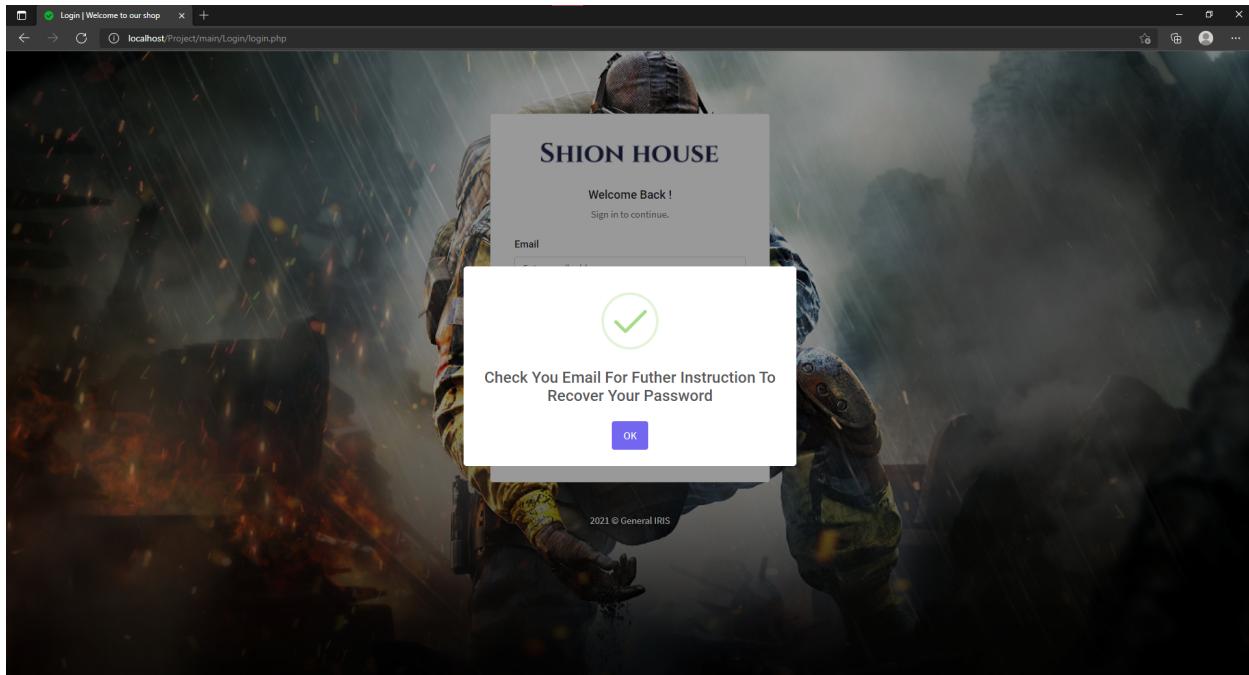


After clicking the register button, the customer will receive a register confirmation email that confirms the customer to complete the registration.

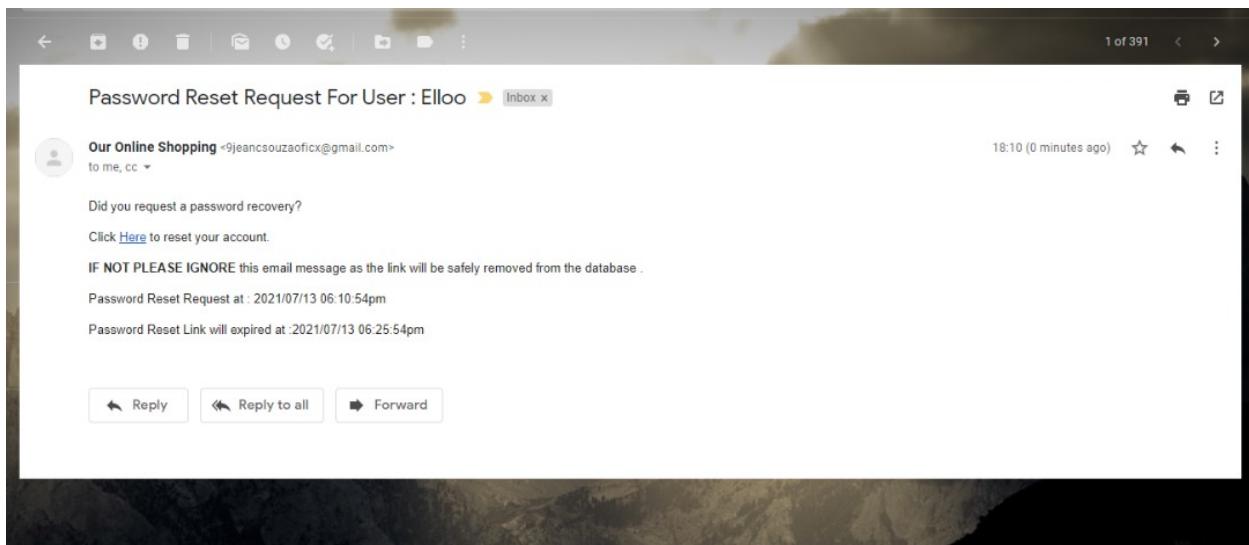
10.2.3. Forgot Password



Let's say the customer forgot their password, we provided reset password service. Their password can be reset after they click the "Forgot Password" button. An email is needed for validating a request to reset password.



The screenshot shows a password recovery process. A modal dialog box is centered over a background image of a soldier in a rainy environment. The dialog box has a white header with the text "SHION HOUSE" and "Welcome Back!". Below this, it says "Sign in to continue." and "Email" (input field). A green checkmark icon is displayed above the message "Check You Email For Futher Instruction To Recover Your Password". A blue "OK" button is at the bottom. The background image shows a soldier in camouflage gear holding a rifle, standing in a rain-soaked, industrial-looking area with sparks flying.

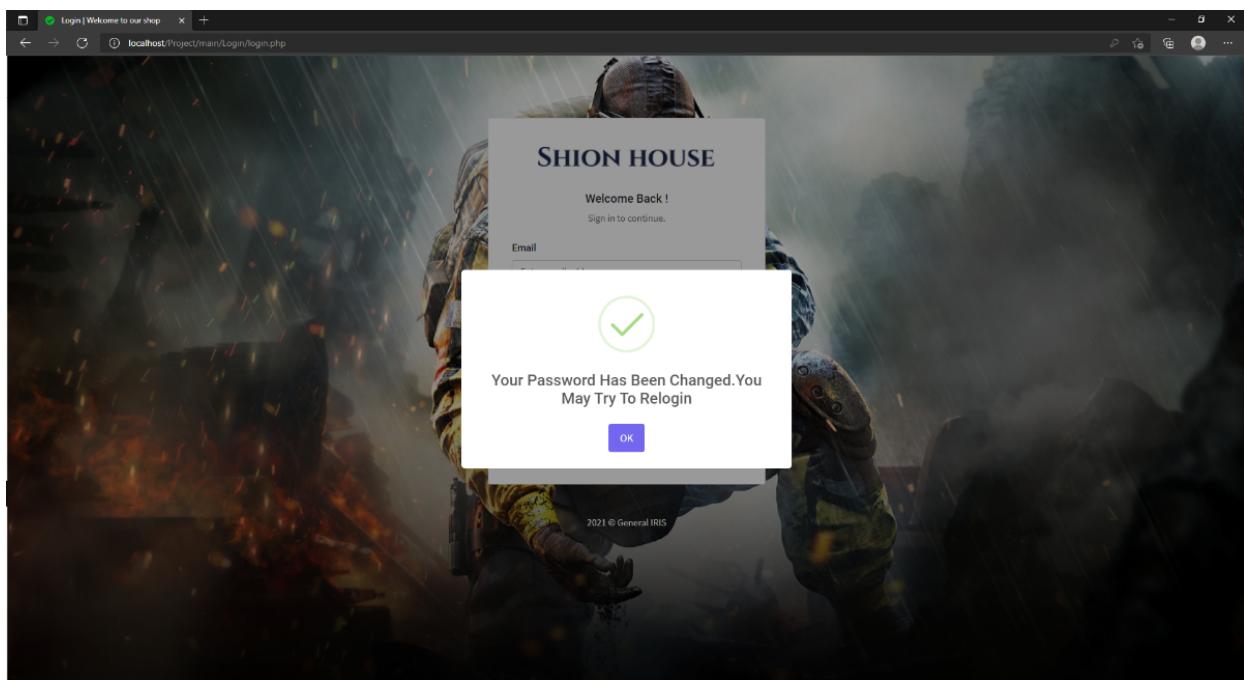
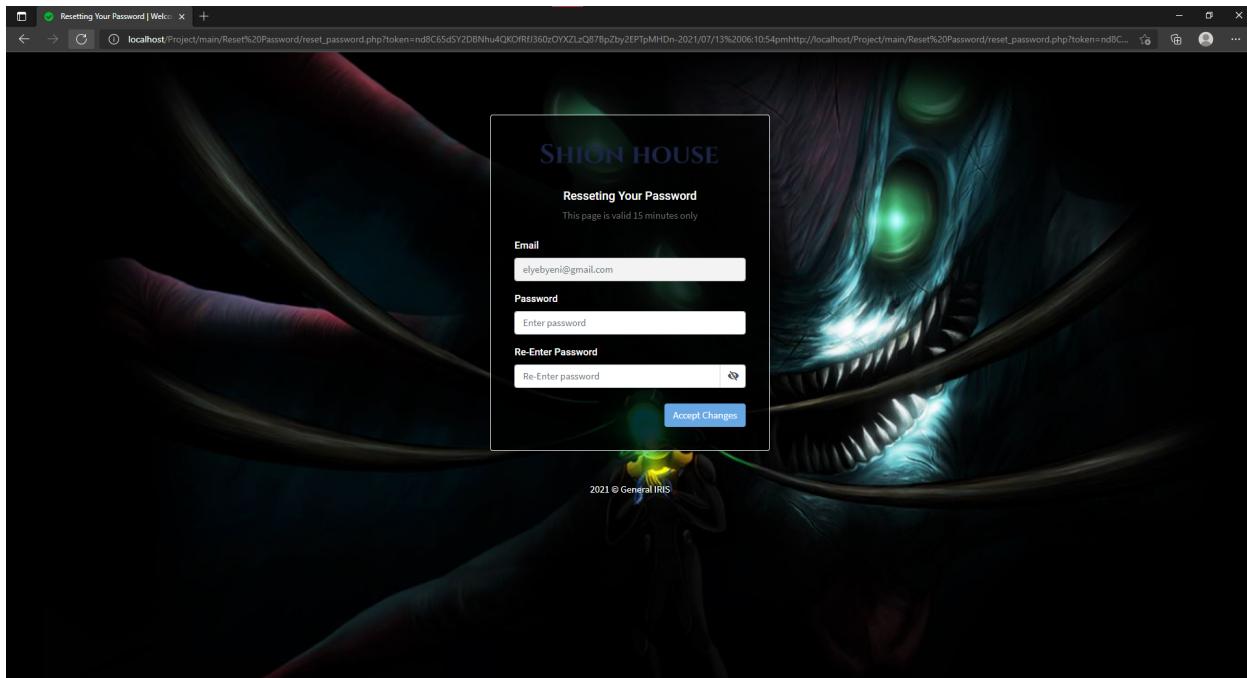


The screenshot shows an email inbox with one message. The subject is "Password Reset Request For User : Elloo". The sender is "Our Online Shopping <9jeancsouzaoficx@gmail.com>". The message body contains the following text:

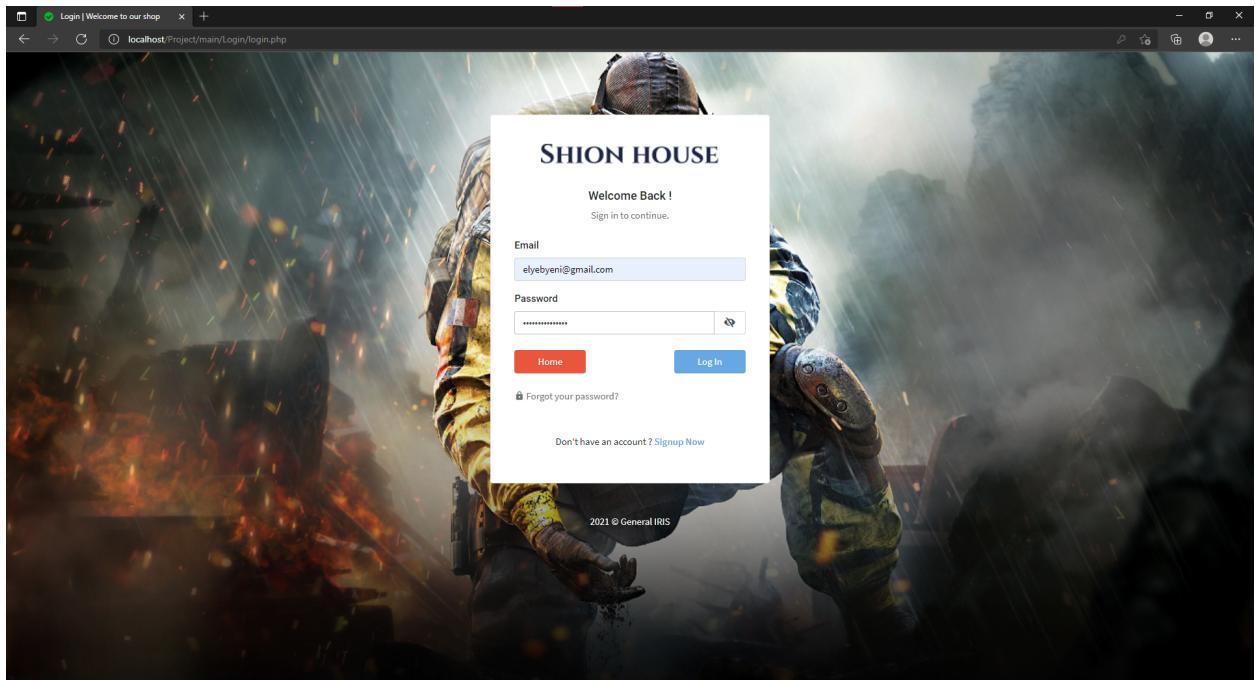
Did you request a password recovery?
Click [Here](#) to reset your account.
IF NOT PLEASE IGNORE this email message as the link will be safely removed from the database .
Password Reset Request at : 2021/07/13 06:10:54pm
Password Reset Link will expired at :2021/07/13 06:25:54pm

At the bottom of the email view, there are three buttons: "Reply", "Reply to all", and "Forward".

Once The customer has received a password request email, they need to click the link button and it will navigate to the reset password page.The customer is available to change into a new password. The link is available only for 15 minutes.

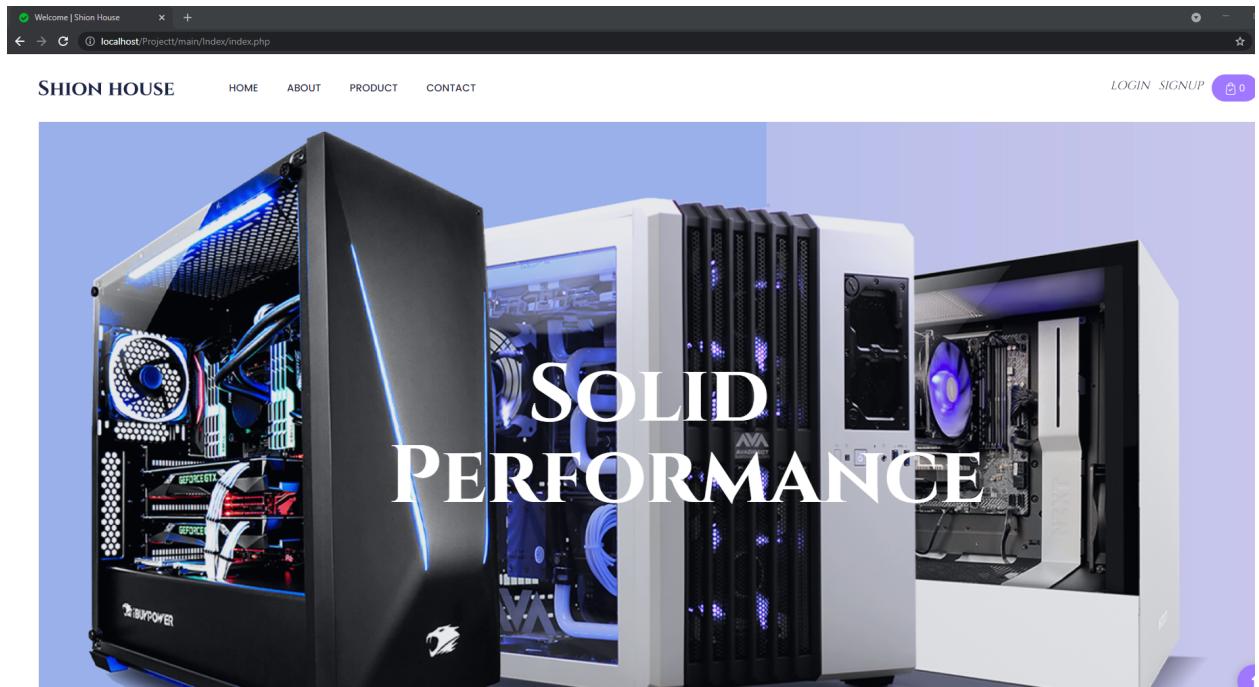


10.2.4. Login

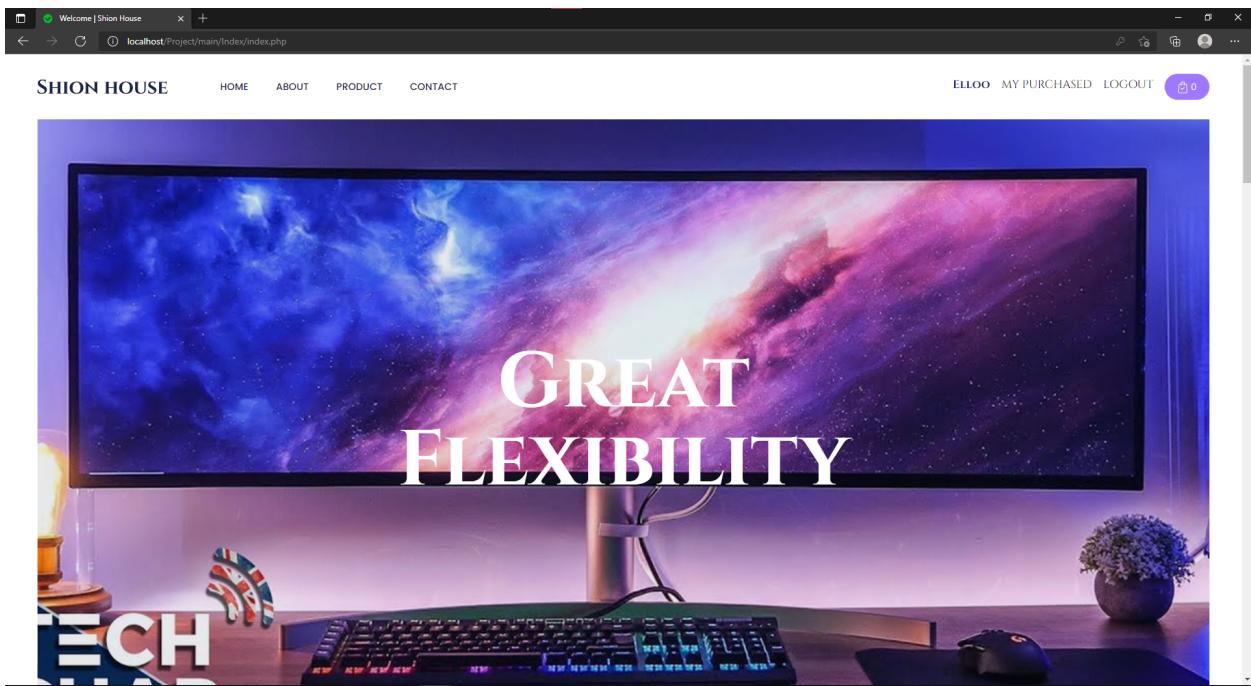


10.2.5. Home

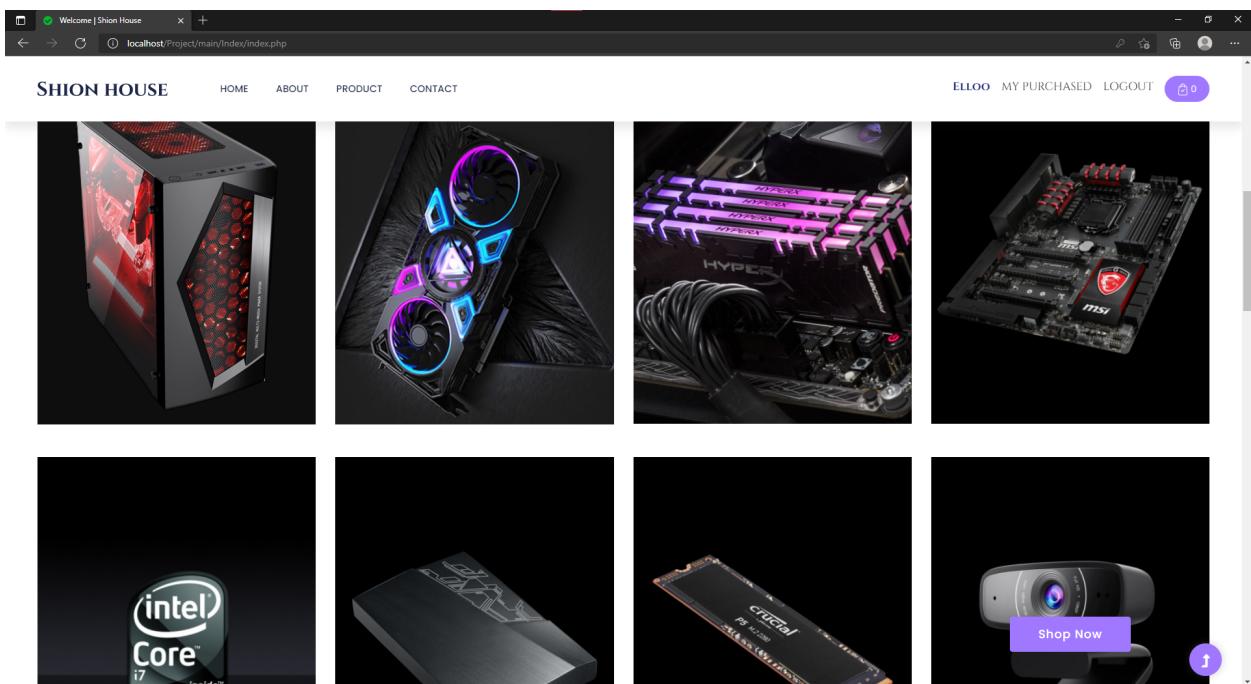
(Before login)

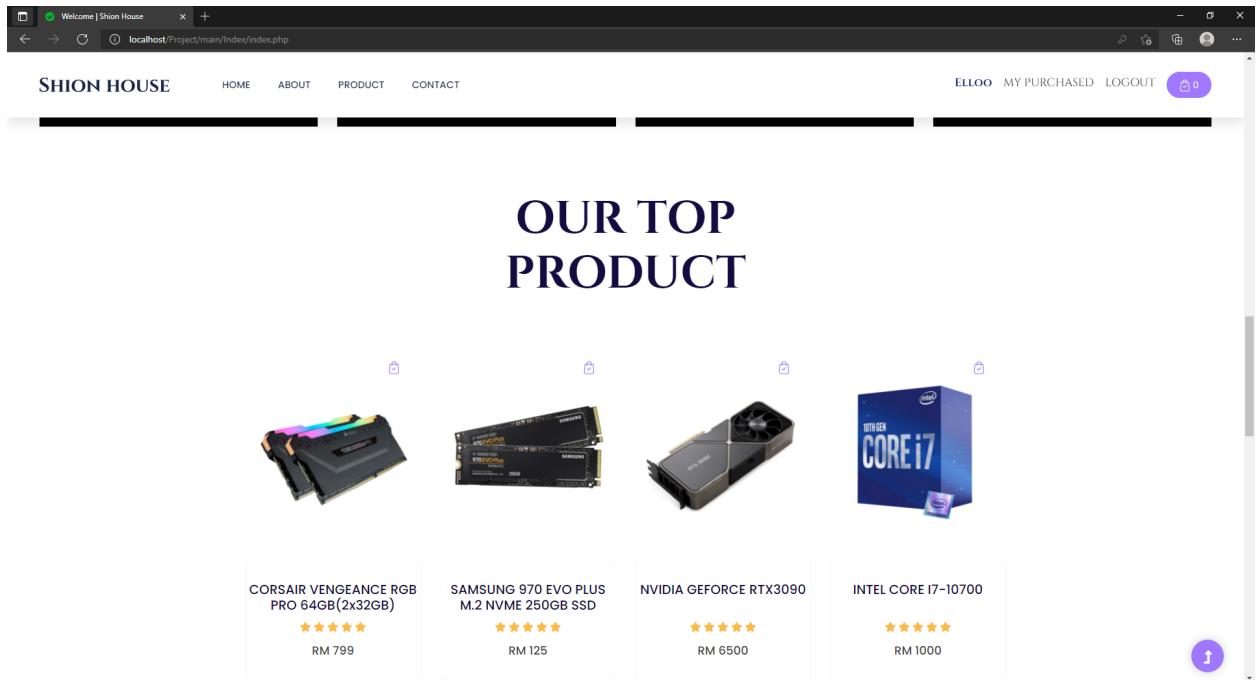


(After login)



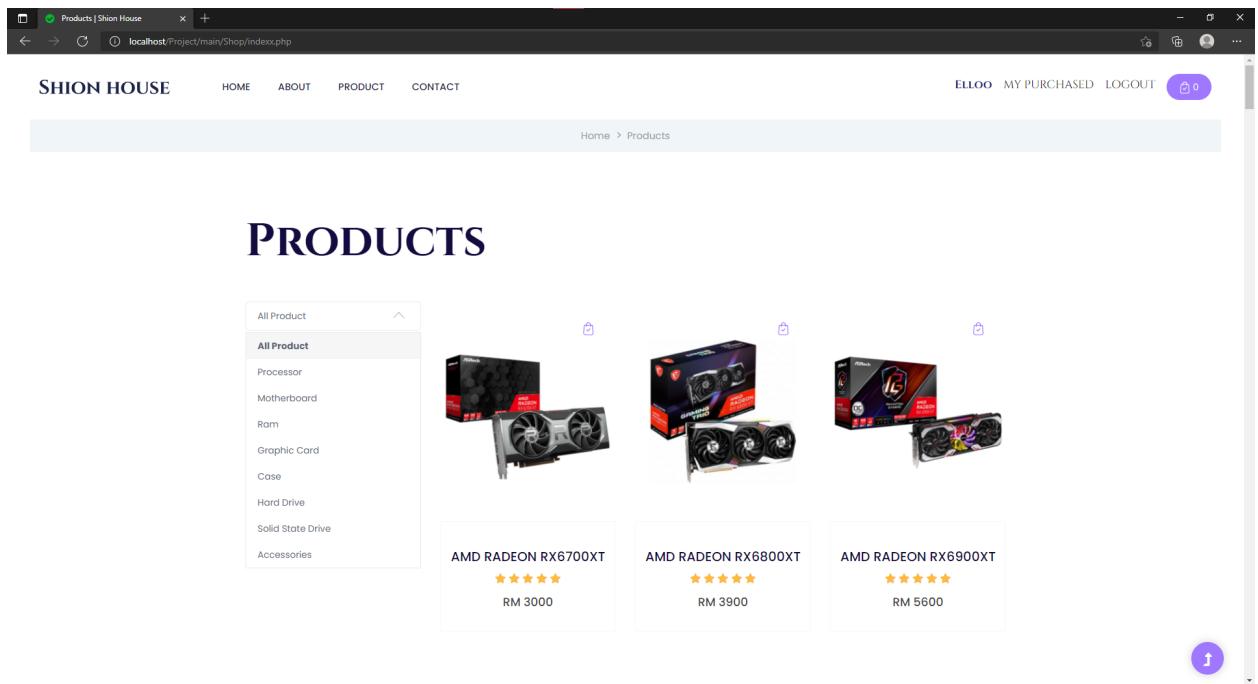
Cont.



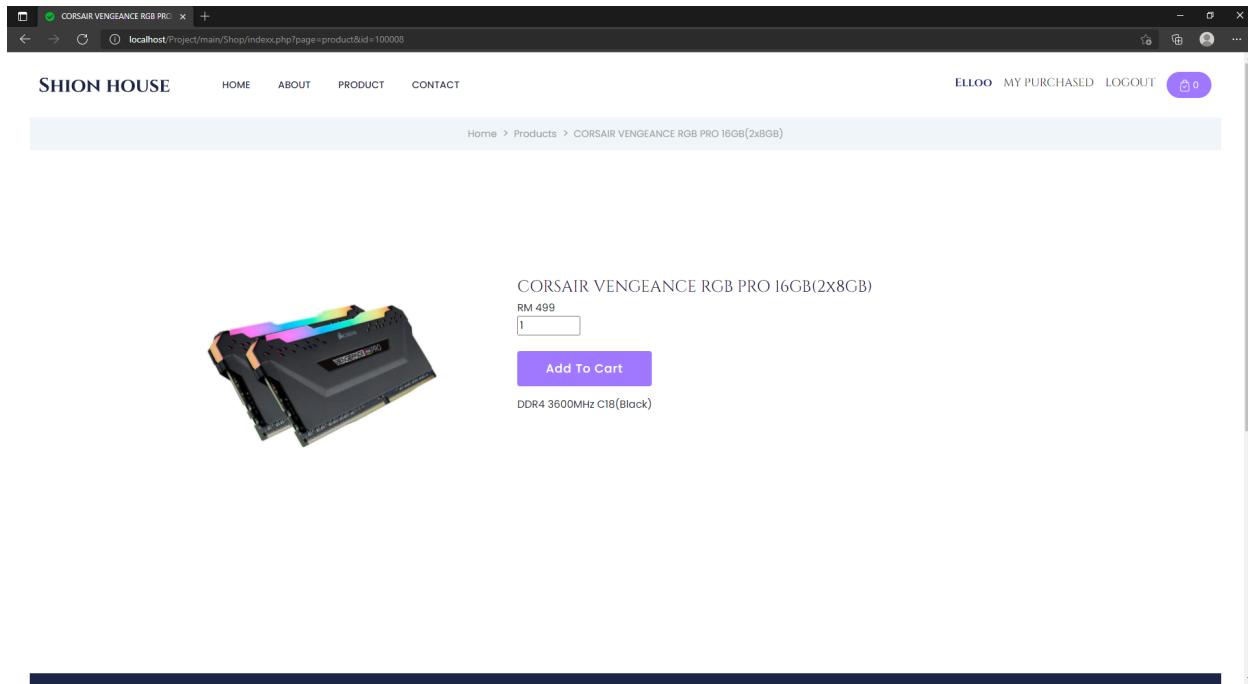


10.2.6. Product

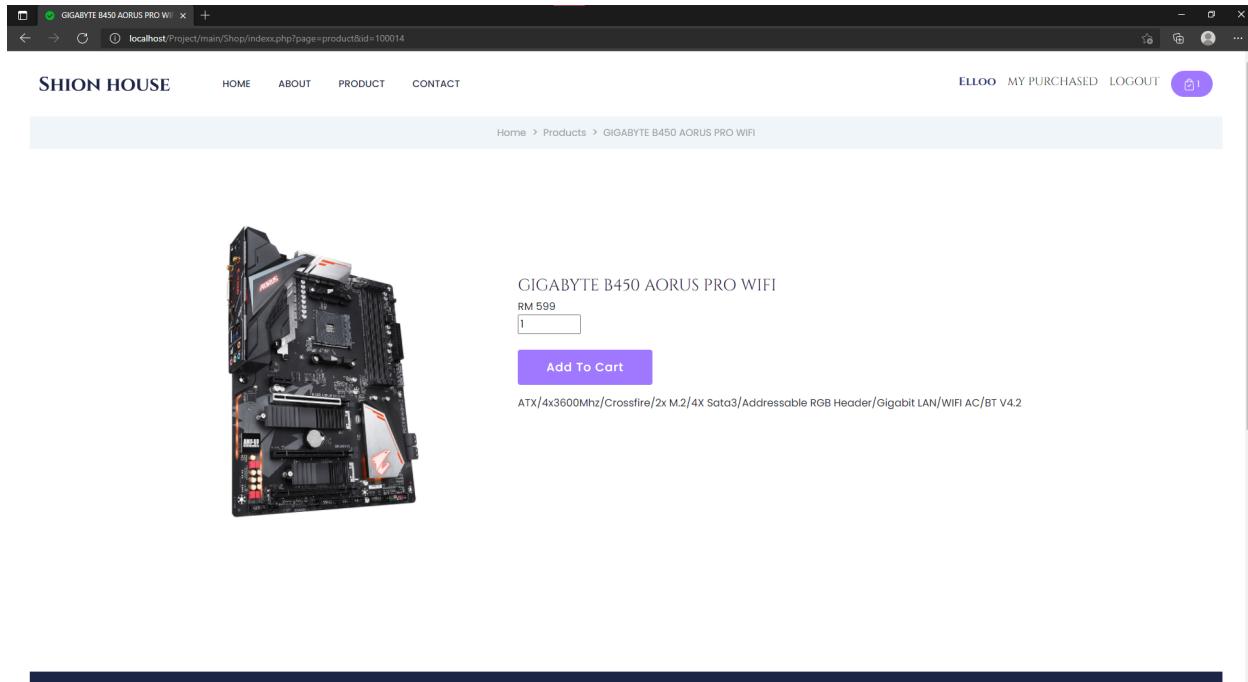
We have about more than 60 varieties of items from 8 types of products. Customers can scroll down for more products that have been displayed.



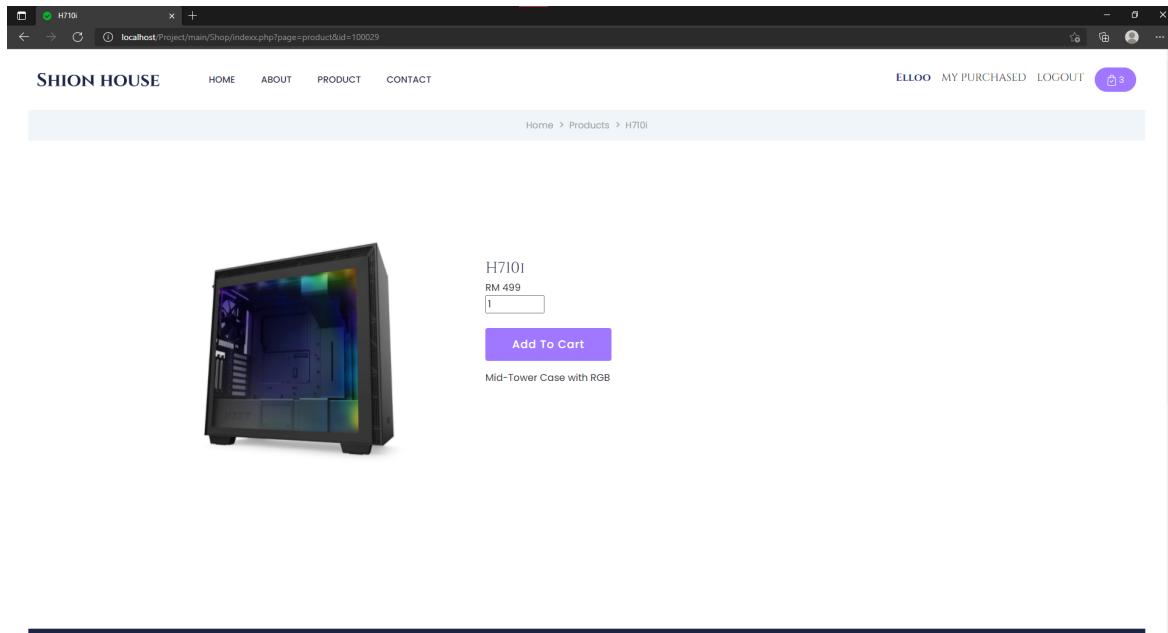
10.2.7. Add To Cart



Customers can click their selected product and need to provide the quantity of the item. As shown in the picture, we displayed the name, price, description of each product, quantity form and “Add To Cart” button as input.



Assume that this is the second selected product to add into the cart.



Assume that this is the third selected product to add into the cart.

10.2.7. Cart

Product	Price	Quantity	Total
CORSAIR VENGEANCE RGB PRO 16GB(2x8GB) Remove	RM 499	<input type="text" value="1"/>	RM 499
GIGABYTE B450 AORUS PRO WIFI Remove	RM 599	<input type="text" value="1"/>	RM 599
H710i Remove	RM 499	<input type="text" value="1"/>	RM 499
RM 1597 (Subtotal)			

Customer's Shopping cart where it combines the selected and reserved items for purchase before moving to check out. The values of name, price, quantity, and subtotal are generated from the database based on what customers select as their input. As shown, we have a "Checkout", "Update" and "Back to product list" button to navigate customers to the right page.

10.2.8. Update Quantity of Item in cart

Product	Price	Quantity	Total
CORSAIR VENGEANCE RGB PRO 16GB(2x8GB) Remove	RM 499	<input type="text" value="3"/>	RM 1497
GIGABYTE B450 AORUS PRO WIFI Remove	RM 599	<input type="text" value="2"/>	RM 1198
H710i Remove	RM 499	<input type="text" value="2"/>	RM 998
RM 3693 (Subtotal)			

[Back to Product List](#) [Update](#) [Checkout \(3\)](#)

The amount of total price and price for each product will be changed based on the quantity that customer selected.

10.2.9. Total Number of Products in cart Icon



The customer is able to see the total number of products in the cart at the right top of the page.

10.2.10. Payment Option

PAYMENT OPTION

Visa Checkout

[BACK](#) [PLACE ORDER](#)

Before proceeding to place an order, customers need to select a payment method based on the dropdown list and then customers can hit the “Place Order” button.

10.2.11. Receipt

The screenshot shows a web browser window titled "Receipt | Shion House". The URL is "localhost/Project/main/Shop/index.php?page=OrderSuccess". The page header includes "SHION HOUSE" and navigation links for "HOME", "ABOUT", "PRODUCT", and "CONTACT". On the right, there are user icons for "ELLOO", "MY PURCHASED", and "LOGOUT", along with a notification badge showing "3". The main content area displays a message: "YOUR ORDER HAS BEEN PLACED" and "SENDER IS PREPARING YOU PARCEL". Below this, a note says "Thank you for ordering with us, we'll contact you by email with your order details." A table titled "ORDER INFORMATION" lists the following details:

ORDER INFORMATION	
ORDER ID	9407II4II529036
STATUS ORDER	CONFIRMED
ORDER TIME	13-JUL-21 06.22.00.220000 PM
PAYMENT METHOD	VISA CHECKOUT

Below the table is a cartoon illustration of a person in a red suit riding a red scooter. At the bottom is a blue button labeled "Complete".

Receipt page is generated after the customer successfully makes a purchase. This receipt shows order ID, status order, order time and the payment method that has been used. Customers need to click the “Complete” button to continue and the order has completed.

10.2.12 Purchased History

The screenshot shows two instances of the "MY PURCHASED" section from the Shion House website. Both instances have identical structures and data, except for the "STATUS ORDER" status.

Top Screenshot (Incomplete Status):

Order ID 9407II4II529036		Order Time 13-JUL-21 06.22.00.220000 PM	
100008	CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)	X 3	RM 1497
100014	GIGABYTE B450 AORUS PRO WIFI	X 2	RM 1198
100029	H710I	X 2	RM 998
		Order Total	RM 3693
STATUS ORDER: INCOMPLETE		Payment Method	Visa Checkout

Bottom Screenshot (Completed Status):

Order ID 9407II4II529036		Order Time 13-JUL-21 06.22.00.220000 PM	
100008	CORSAIR VENGEANCE RGB PRO 16GB(2x8GB)	X 3	RM 1497
100014	GIGABYTE B450 AORUS PRO WIFI	X 2	RM 1198
100029	H710I	X 2	RM 998
		Order Total	RM 3693
STATUS ORDER: COMPLETED		Payment Method	Visa Checkout

Before and After the change of order status(Incomplete/Completed), the change is related to the seller process where sellers can update the order status.