SECV 1223

WEB PROGRAMMING

ASSIGNMENT 2

REPORT

HOME SERVICE PAGE

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## 1.0 OVERVIEW

We proposed an innovation from manual way to settle our home maintenance and service related to fully online based application platform that will save our cost and time. From this platform, user can state their problem and let the service provider suggest troubleshooting method and send their quotation so that user can make comparison that fit their needs and budget. Moreover, user also enable to analyse service provider profile and ratings given by their previous client on the rating's segment. Apart from that, user can choose variety of payment method such as cash, credit/debit card, e-wallet, or even instalment method which will make the transaction much easier. In a nutshell, 'Home Service' GIG platform is a solution for every home-service related problem.

## 2.0 TOOLS AND TECHNOLOGY USAGE

The tools and technology used to develop the whole system are HTML, CSS and PHP for the source codes using visual studio code as a code editor and MySQL for the database.

## 3.0 SYSTEM MODULE

The system can be separated into three different modules:

### 3.1 CUTOMER MODULE

Customer is a module that is accessible to check out for home service details and make a booking of the chosen home service provide after determining all home service necessity.
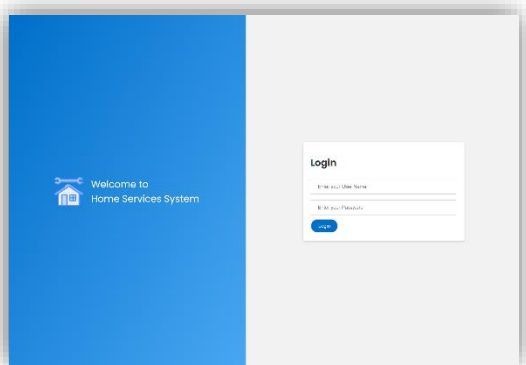


The User Login functionality of our Home Service Application allows registered users to access their personalized accounts and take advantage of a wide range of features and services.

When you arrive at the User Login page, you'll see a simple and intuitive interface where you can enter your credentials to log in. Typically, you will need to provide your registered email address and password.

*Figure 1:user login*

Once logged in, you'll gain access to your personalized dashboard. From there, you can manage your profile information, update your preferences, and view your service history. You'll also have the ability to schedule appointments with service providers, track the status of your service requests, and communicate directly with the professionals assigned to your tasks.
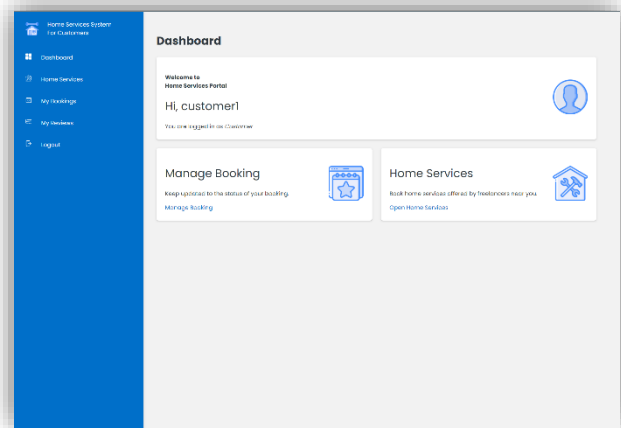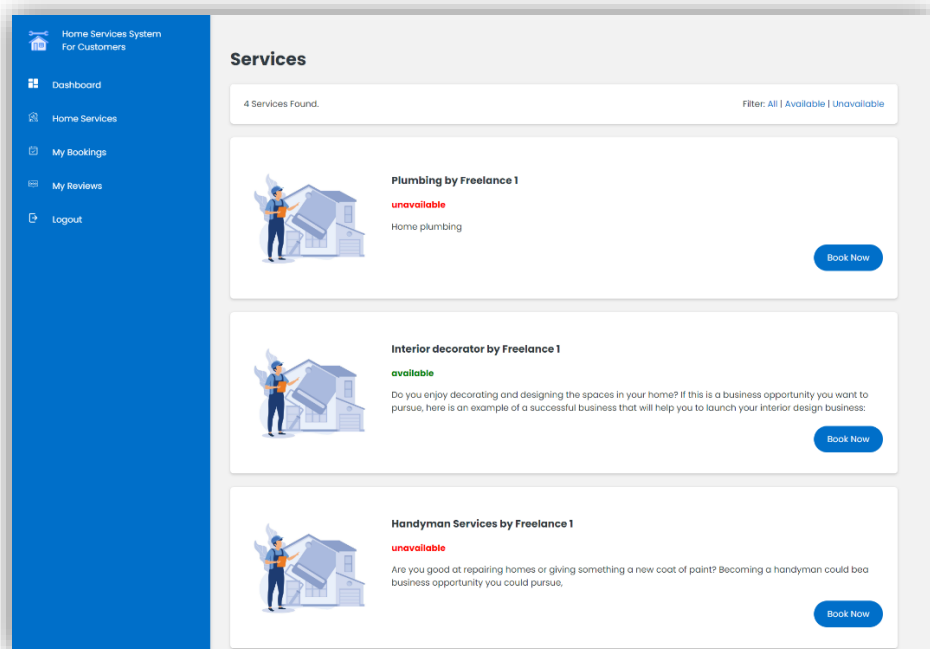


*Figure 2:dashboard*



*Figure 3:Home service page*

By logging into your account, you can experience the convenience and efficiency of our Home Service Application firsthand. Enjoy the ease of managing your home services, accessing reliable professionals, and streamlining your overall home maintenance process.

*Figure 4: Booking details.*



*Figure 5:booking History*

*Figure 6:Review for home service.*



*Figure 7:Review History.*

## 3.2 FREELANCER MODULE

Freelancer is a module that is accessible to home service provider details and approved a booking that are made by customer. The details of the freelancer page are as below.
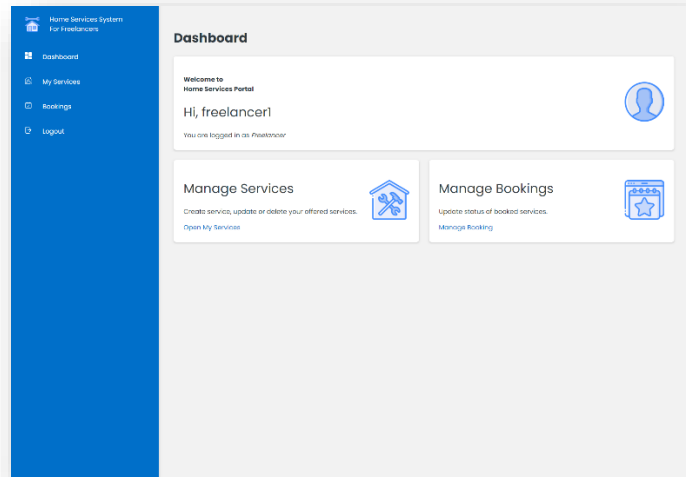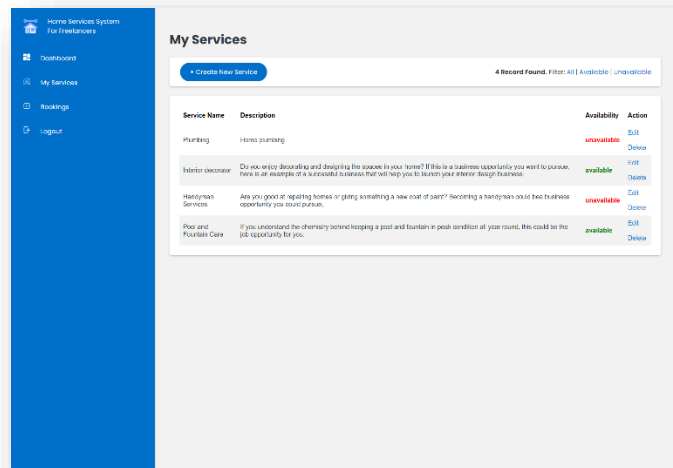


*Figure 8:Freelancer dashboard*



*Figure 9:availability detail.*

*Figure 10:create a service*
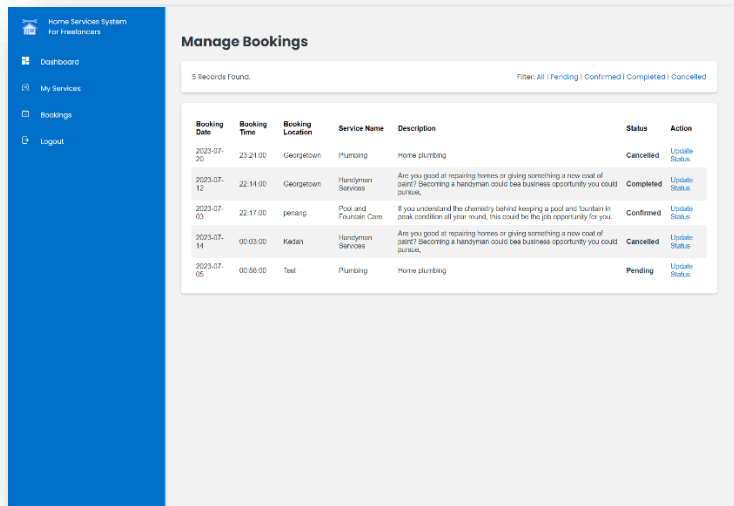


*Figure 11:edit service.*

*Figure 12:manage booking*
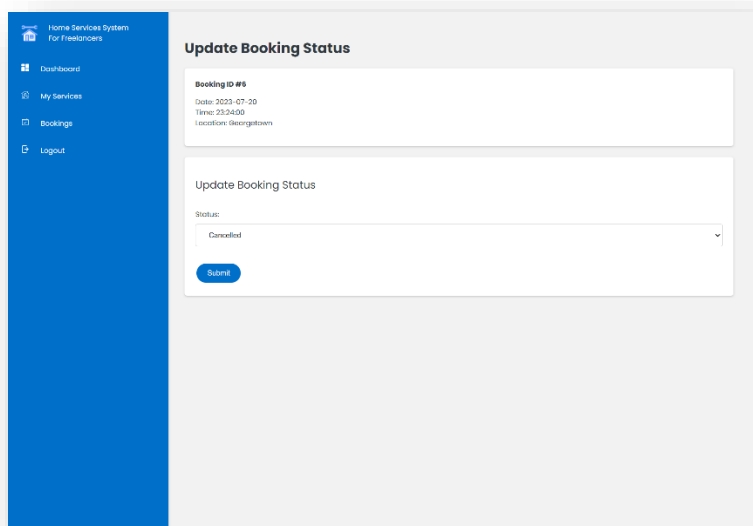


*Figure 13:updating booking.*

## 4.0 DATABASE DESIGN
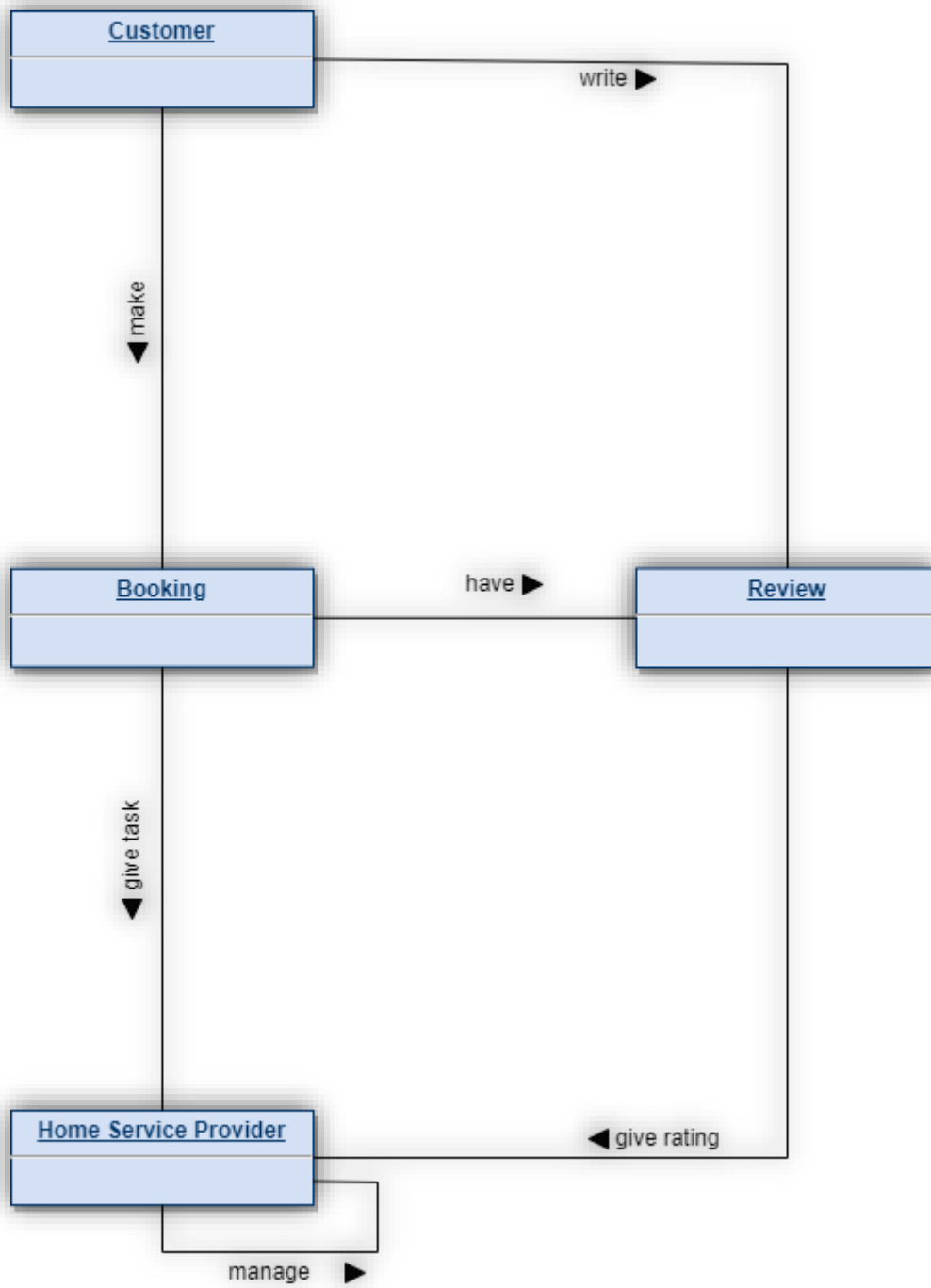


*Figure 14:Conceptual Design*

**Customer**

Customer_ID{PK}
First_Name
Last_Name
Email
Phone_Number
Address

0..*

0..*

write ▶

0..*

◀ make

1..1

**Booking**

Booking_ID {PK}
Customer_ID {FK}
Provider_ID {FK}
Review_ID {FK}
Payment_ID {FK}
Service_Date
Service_Time
Service_Type

1..1     have ▶     1..1

1..1

**Review**

Review_ID{PK}
Review_Comment
Rating_rate

1..1

0..*

◀ give task

1..1

**Home Service Provider**

Provider_ID {PK}
Company_Name
Contact_Person
Email
Phone_Number
Address

0..*     ◀ give rating

{Mandatory, Or}

**Freelance Service Provider**

Services_Offered
Service_Areas
Ratings
Availability

0..*

**Owner Service Provider**

Services_Offered
Ratings

1..*

**Service Operation Team**

Service_Areas
Availability

0..*

1..1

Manage ▶

*Figure 15:logical design*

**Description table**

| Description Table | |
|---|---|
| Entity Name | Description |
| Customer | Represents a customer who seeks home services. |
| Freelance Service Provider | Represents a individual offering home services. |
| Booking | Represents a reservation made by a customer for a specific service provided by a service provider. |
| Review | represent the review for each service. |