

JTY Hostel

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SESSION 2020/2021

FACULTY OF INFORMATION SCIENCE AND TECHNOLOGY

MULTIMEDIA UNIVERSITY

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In the conclude, I would like to express our deepest appreciation to all of them who have helped me in this final year project, without their careful and precious guidance which were valuable, I won't be finished this project within the deadline.

Abstract

Our report is about hostel booking system. We use it to help students in finding their satisfied accommodation. This online system also helps freshies to get to know the hostel environment faster and easier, and they can easily find their favourite and preferable hostel. Our system will provide a platform for owner to register their house for rental. By using our system, the owner can find their tenant in a faster way and they will not leave their house in empty for a long period and prevent make lost of money. Furthermore it also provide better assurance for student. This system will provide better convenience to students in booking their preferred hostel as well as to provide owners to manage their hostel unit rental in an easier way.

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Part I:

Introduction

1.1 Overview

The online hostel rental booking system is a platform that provides convenience to the user from the traditional reservation system. It is user-friendly so users can directly book the satisfied hostel or room from the internet. They do not need to be afraid they can't find the room. Besides, users are able to compare the price, location, also the cleanliness of the hostel.

The reason we choose hostel rental booking system as our final year project report because we found that MMU students always face problem during the period they are finding hostel. Sometimes, students may face some risks such as owner cheats student after they have made their deposit payment, the photo of the accommodation that owner has provided is totally different with what the hostel that they rent Student can only bear it because they had signed the contract. So, we launched this website to avoid these happen and they can get better ensure by using our website.

By using this website, students can save their time from surfing the other website just to find a hostel. The system has collected most of the information of the hostel that is close to the university. Therefore, students do not require to consider the transportation to go to the university.

1.2 Project Objectives

1. To increase the efficiency of online hostel booking system.

With the online booking system, users can directly book their satisfied house without needed to contact the owner or agent. It provides efficiency and convenience to users as they could complete their booking anytime, anywhere.

1.3 Target Users

1. Hostel Owner

Our system will make it convenient for hostel owner in handling their house for rental. We will help them to handle the process such as bringing student who are interested to visit the house and communicate with students about the details. House owner only need to attend when the moment they want to sign the contract.

2. Student

Our system will also help MMU students in finding their preferable and satisfied hostel. When MMU students are about to enroll to MMU, they will face difficulties in looking for suitable accommodation. Sometimes after they have stayed at the initial hostel for some time, they wish to move out to a more comfortable hostel. Therefore, in our system, there will be various types of hostel for students to choose based on their requirements.

3. Admin

Admin has to manage the entire system information. For example, admin needs to verify student's supporting document such as offer letter in order to approve their registration in the system. Admin has the right to blacklist hostel owner block the owner account based on tenant complaints. Admin also can block tenant account if they get complaints by owner that the tenant is problematic.

1.4 Project Scope

Our system is a hostel booking system that provide student to rent a hostel from hostel owner. The reason we do this system is to provide convenience to both hostel owner and student. After students have decided to rent a house, 10% of first month rental will be our commission whereas the rest of the amount will be transferred to the hostel owner. For the deposit, the deposit is refundable after the student satisfies with everything of the hostel.

For our system, visitors who have not signed up for an account they unable to view the hostel details. If they want to view the hostel we provided, they have to register for an account to be a user. The main purpose we set up this system is to convenient MMU students for finding their preferable hostel. So, for those who wanted to register as a user they have to make sure they are MMU students. They need to upload their offer letter when they are registering for their accounts. Once students have confirmed their booking and payment is made, they are not able to cancel their booking.

Besides, our system also provides owner to post their units or hostels. They could edit the post after they posted it. Owner cannot edit the post if the hostel is not available or already rented. Similar as students, owners also need to register for an account before they can post any hostel for rental. Owners have to make sure the information that they have given is real and did not contain any misleading information. Furthermore, owners need to comply with our rules whereby they are not allowed to provide their contact number to students before the booking is confirmed. Owners can only provide their contact number once the booking by the student is confirmed. This is to avoid students to disturb the house owners before they want to confirm their booking.

As an admin, he/ she has to verify the offer letter that is uploaded by student and then approve students' registration in the system. Admin needs to manage the list

of the owner. If admin found the owner deceives, he/ she will be classified in blacklist. Moreover, student can be blacklisted too if we receive complaints from the owner. Admin is able to view the list of hostel booking as well as request of booking.

1.5 Gantt Chart

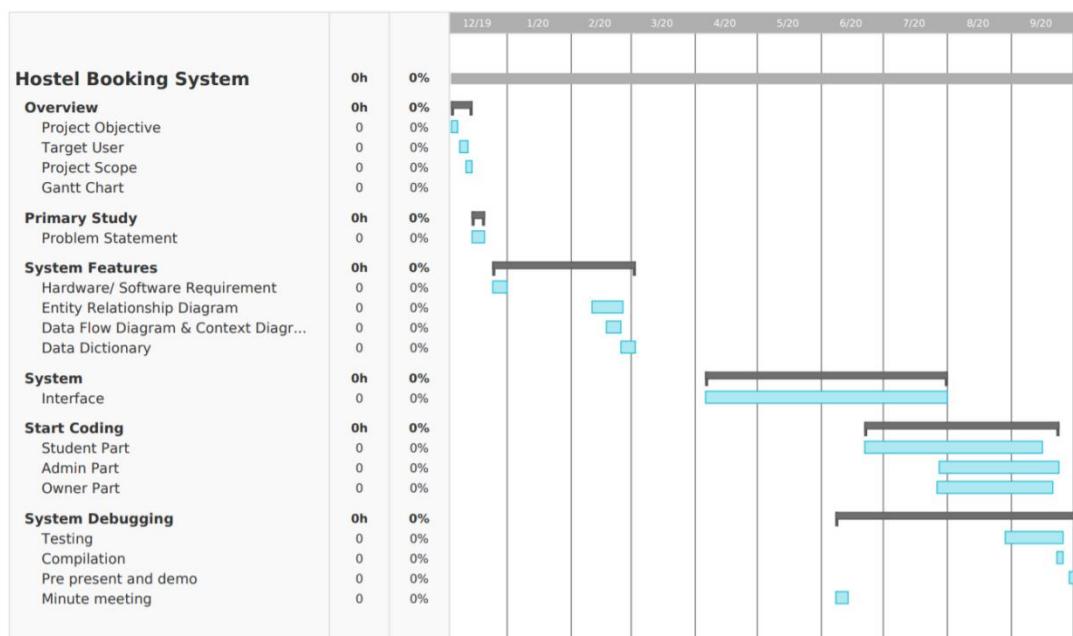


Figure 1.1 Gantt Chart

1.6 Division of Work

TASKS	STUDENTS		
	Tan Xin Hui	Tan Jun Zhi	Yap Jun Hi
Preparing project proposal	X	X	X
Overview	X	X	X
Objectives	X	X	X
Target Users	X	X	X
Project Scope	X	X	X
Gantt chart	X		
Primary Study	X	X	X
Problem Statements	X	X	X
System Features	X	X	X
Hardware/Software Requirements	X	X	X
Data flow diagram & Context Diagram	X		X
Entity relationship diagram	X		X
Data dictionary	X		X
System Interface Design	X	X	X
System Coding	X	X	X
System Testing	X	X	X
Compilation of Final Report		X	
Presentation and Demo	X	X	X
Meeting Minutes	X		

Table 1.1: *Division of tasks*

Part II:

Primary Study/

Literature Research

2.1 Primary Study

Speedhome:<https://speedhome.com/>

Advantages:

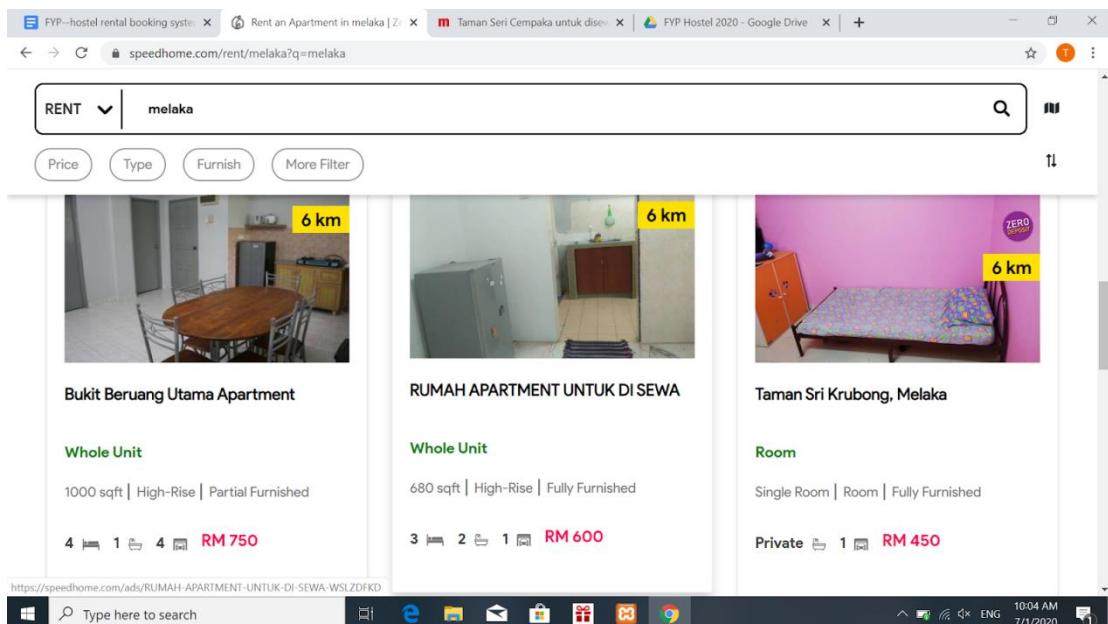
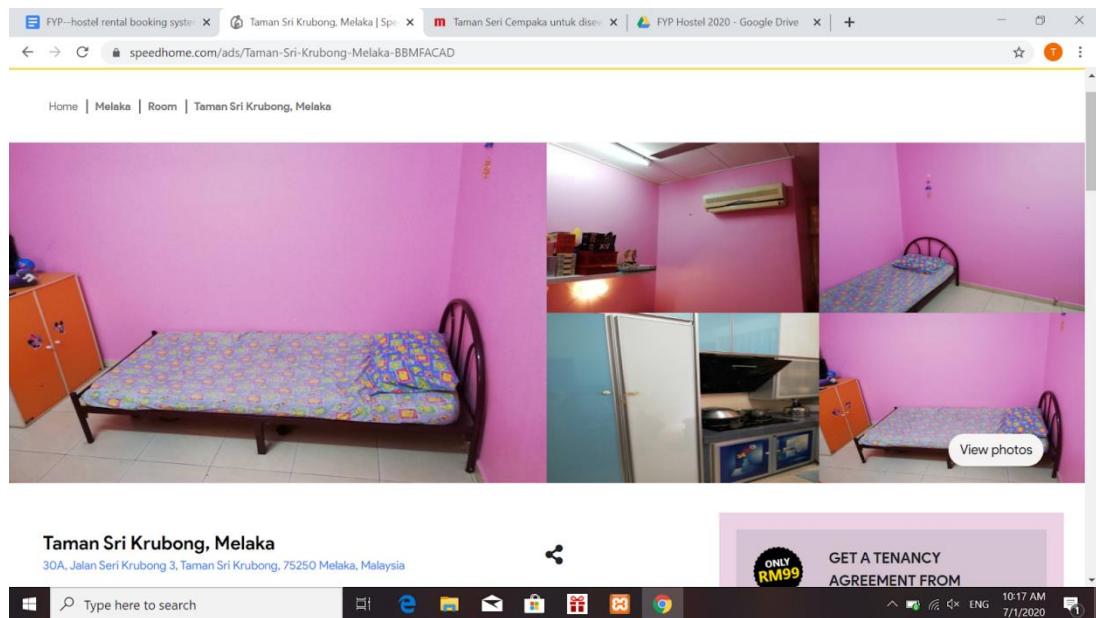


Figure 2.1.1 Search

The figure 2.1.1 shows that this website can let user choose to rent the whole unit or just one room. Users don't have to worry about the housemate problem and the financial problem.

**Figure 2.1.2 Product Information**
Figure 2.1.3 Product Information

As the figures above shows users can easily get connected with the owner directly. It brings advantages to user especially users don't have to send request.

Disadvantages:

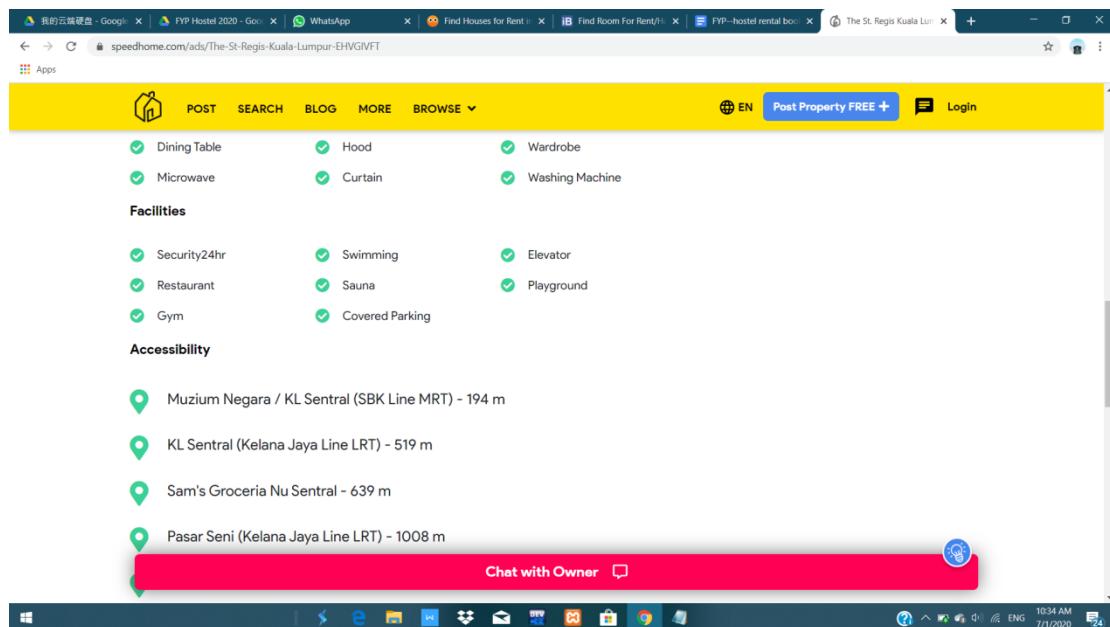


Figure 2.1.4 Product Information

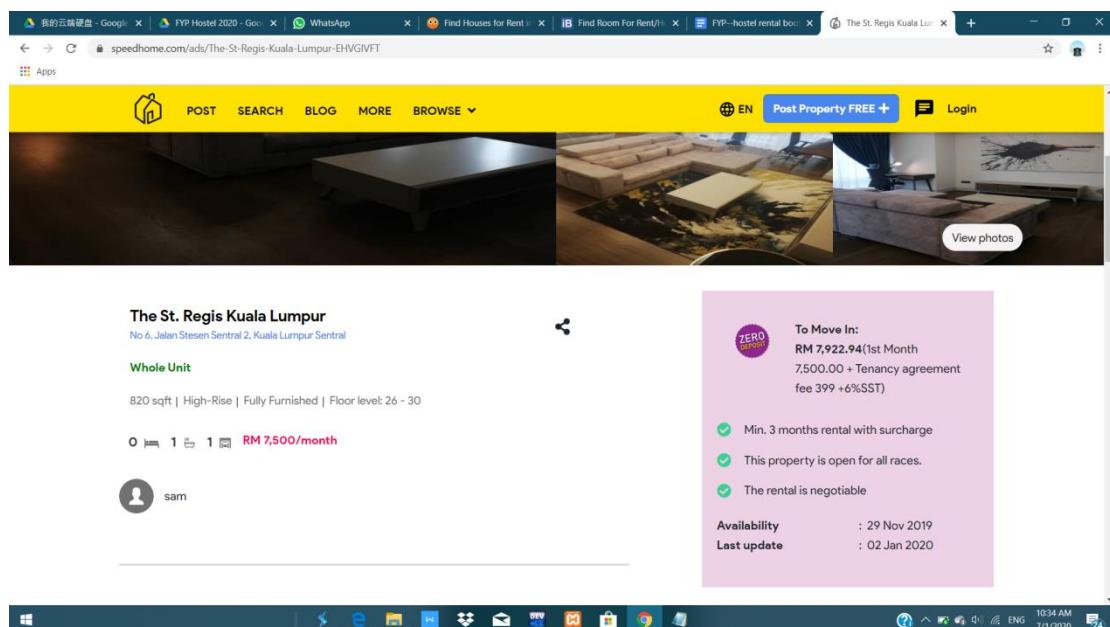


Figure 2.1.5 Product Information

As the figures shown above, user is not able to book rooms or houses through the website. It will be a disadvantage to the user as a user might need to contact owner to book room or house.

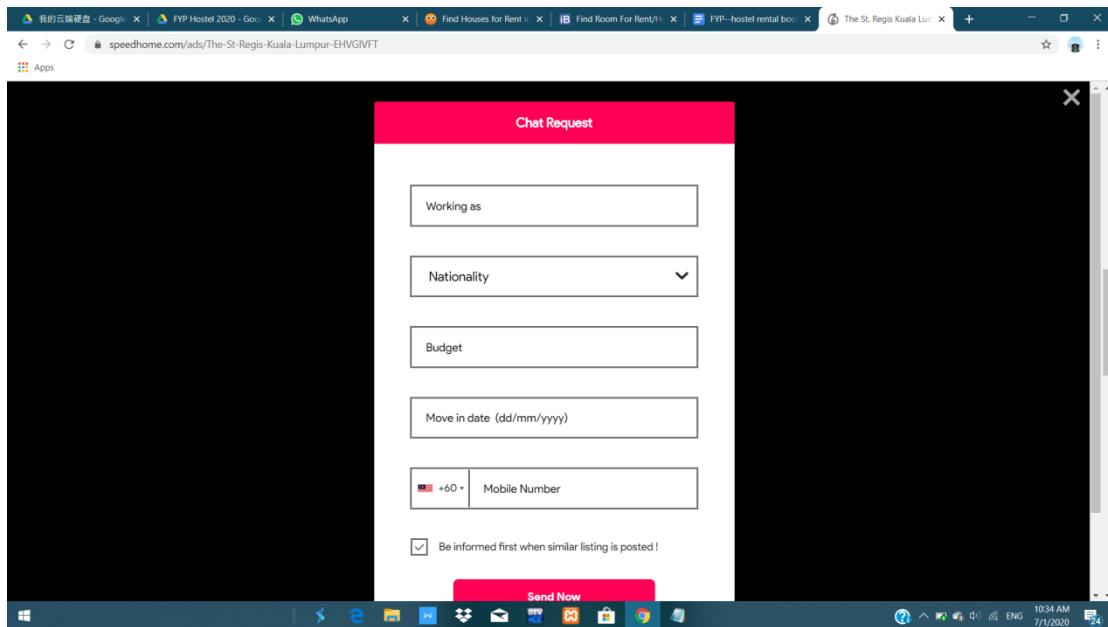


Figure 2.1.6 Chat Request

The figure 2.3.6 shows a chat request when user wants to chat with the owner. This is a required step to chat with the owner, but it takes time to wait until owner accept your request.

Summary:

Advantages	Disadvantages
<ul style="list-style-type: none"> ● User can choose to rent the whole unit or a room. ● The website provides a function to contact owners. 	<ul style="list-style-type: none"> ● It doesn't provide any booking function through the website. ● The chat function needs to be accepted by owner before chatting.

2.2 Problem Statement

Objective: *To increase the efficiency of online hostel booking system.*

Problem Statement: The website iProperty and Speedhome do not provide any online booking system. Users need to contact agent or owner to book an hostel. It is such a troublesome since users are not able to book the hostel anytime, they have to wait until the working hours to contact the agent or owner. Nevertheless, website Speedhome needs users to submit a request and wait until the person who is incharge to accept the request before chatting with the agent or owner.

Part III:

System Design

3.1 **System Features**

1. Student

- Can register and log in to our system
- Can view or edit profile
- Can reset password
- Can logout
- Can view available room posted by hostel owner
- Can filter based on hostel category
- Can search hostel based on hostel's name
- Can add the hostel into favourite list and cart
- Can make an appointment to visit the hostel
- Can make rental payment of first month
- Can view booked house details and booking status
- Can do rating after they rent the hostel

2. Hostel Owner

- Can register and log in to our system
- Can view and edit profile
- Can post the hostel details and delete the post
- Can view student details who have booked their house
- Can view student's payment status
- Can view booking status
- Can delete account
- Can reset password
- Can logout

3. Administrator

- Can log in to system
- Can add new admin
- Can add coupon for student to have discount during payment
- Can view appointment which made by student
- Can approve student and owner registration
- Can view and edit own profile
- Super admin can view list of admin
- Can view list of students
- Can view list of hostel owners
- Can view list of hostel posts
- Can delete student or owner account
- Can view hostel booking records
- Can reset password
- Can view the hostel rating
- Can check student payment status
- Can logout

3.2 Hardware/Software Requirements

3.2.1 For Developer

Hardware Requirements	Software Requirement
<p>Personal Computer(PC)</p> <ul style="list-style-type: none"> • Intel® Core i5 OR above • 4GB of RAM. • 2 GB of available hard-disk space for installation. • 1024x768 display with 16-bit color and 512 MB of VRAM • Internet Connection <ol style="list-style-type: none"> 1. Wi-FI 2. LAN 	<ul style="list-style-type: none"> • Notepad ++. • Microsoft Paint. • Microsoft Word • Draw IO • Operating System: <ol style="list-style-type: none"> 1. Windows 7. 2. Windows 8/8.1. 3. Windows 10. 4. Linux Ubuntu • Browsers: <ol style="list-style-type: none"> 1. Google Chrome. 2. Mozilla Firefox. 3. Microsoft Edge.

3.2.2 For User

Hardware Requirements	Software Requirement
<p>Personal Computer(PC)</p> <ul style="list-style-type: none"> • Intel® Core i3 OR above • 2 GB of RAM. • 2 GB of available hard-disk space for installation. • 1024x768 display with 16-bit color and 512 MB of VRAM • Internet Connection <ul style="list-style-type: none"> 3. Wi-FI 4. LAN <p>Mobile Devices</p> <ul style="list-style-type: none"> • Smartphone: Samsung/Iphone • Ram : 1 GB 5. CPU: Exynos 7880/Apple A6 	<ul style="list-style-type: none"> • Operating Systems <ul style="list-style-type: none"> 1. Windows 7. 2. Windows 8/8.1. 3. Windows 10. • Browsers <ul style="list-style-type: none"> 1. Google Chrome 2. Mozilla Firefox 3. Safari • Operating Systems <ul style="list-style-type: none"> 1. Android 2. IOS <p>Browsers: Google Chrome/Safari</p>

3.3 Context Diagram & Data Flow Diagram

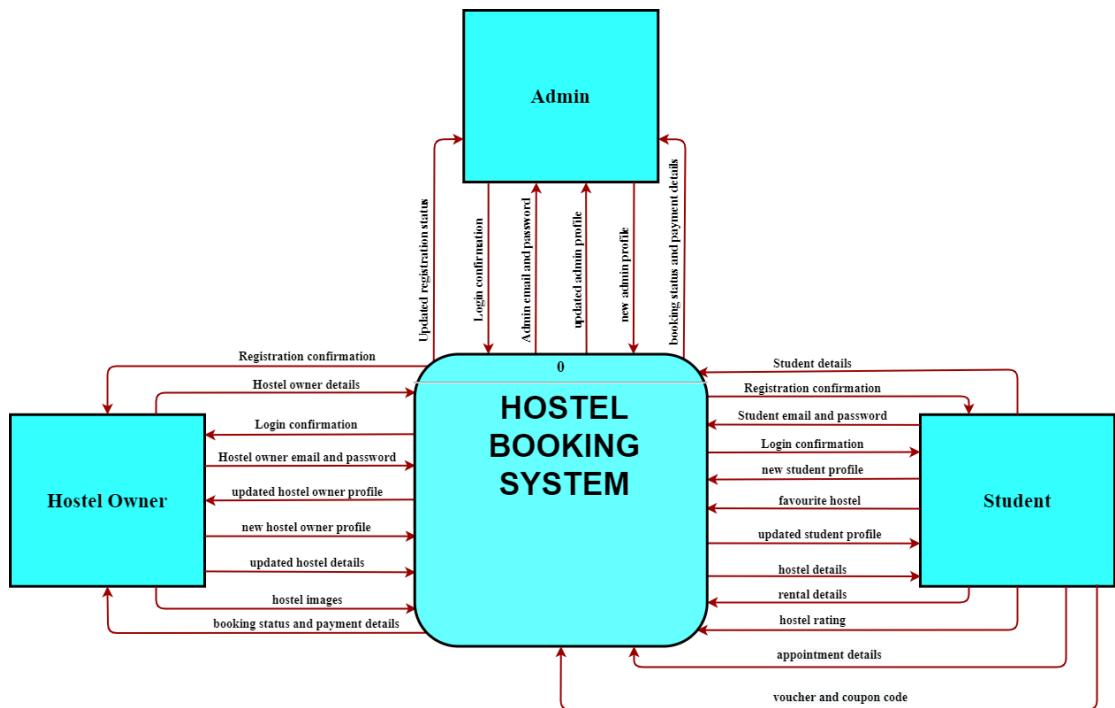


Figure 3.3.1 Context Diagram Hostel Booking System

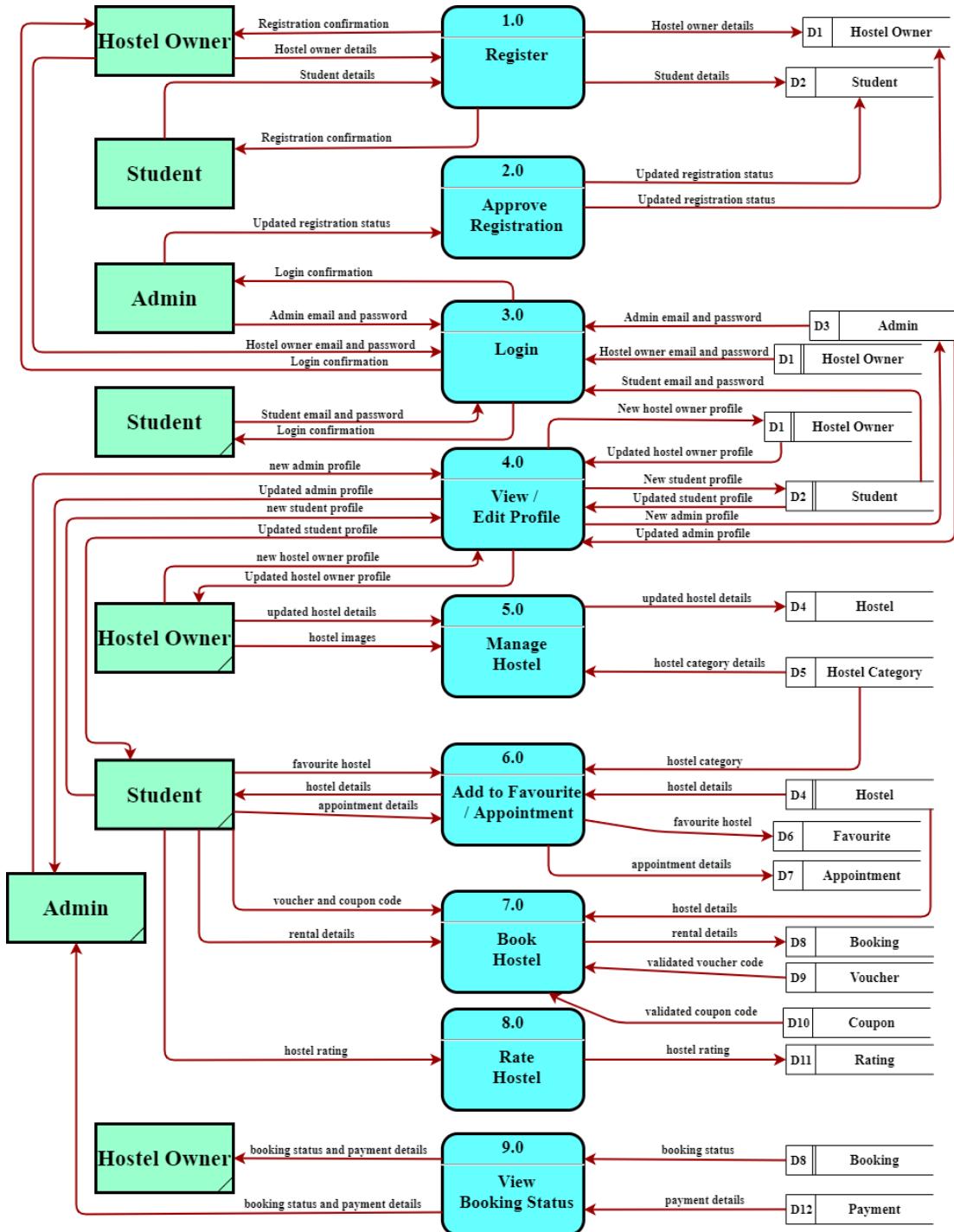


Figure 3.3.2 Data Flow Diagram Hostel Booking System

3.4 Entity Relationship Diagram

Crow's Foot Model

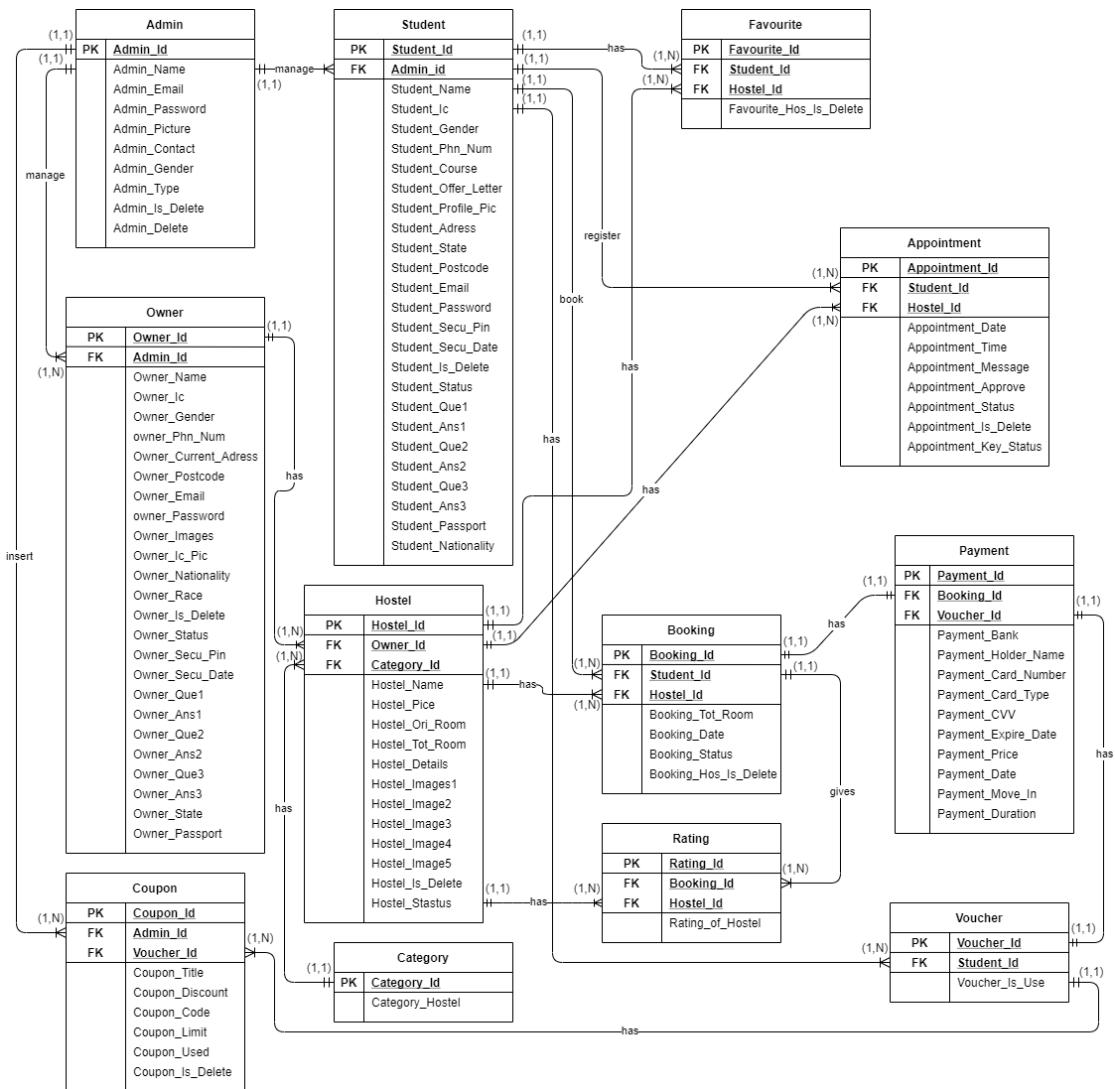


Figure 3.4.1 Entity Relationship Diagram Hostel Booking System

3.5 Data Dictionary

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Owner	Owner_Id	Owner Identification	Int(10)	0000000000	Y	PK	
	Owner_Name	Owner Name	Vchar(255)	Xxxxxxxxxx	Y		
	Owner_Ic	Owner Identity Card	Vchar(12)	000000-00-0000			
	Owner_Gender	Owner's Gender	Vchar(255)	Xxxxxxxxxx	Y		
	Owner_Passport	Owner Passport	Vchar(100)	Xxxxxxxxxx			
	Owner_Ph_Num	Owner Phone Number	Vchar(255)	000-00000000	Y		
	Owner_Current_Address	Owner Current Address	Vchar(255)	Xxxxxxxxxx	Y		
	Owner_Postcode	Owner Postcode	Int(5)	00000	Y		
	Owner_Email	Owner Account Email	Vchar(255)	Xxxxxxxxxx	Y		
	Owner_Password	Owner Account Password	Vchar(255)	Xxxxxxxxxx	Y		
	Owner_Images	Owner Account Image	Text	Xxxxxxxxxx	Y		
	Owner_Ic_Pic	Owner Identity Card Picture	Text	Xxxxxxxxxx	Y		
	Owner_Nationality	Owner Nationality	Vchar(100)	Xxxxxxxxxx	Y		
	Owner_Race	Owner Race	Vchar(10)	Xxxxxxxxxx	Y		
	Owner_Secu_Pin	Owner Security Pin	Vchar(100)	Xxxxxxxxxx	NULL		
	Owner_Secu_Date	Owner Security Date Given	Date/Time	0000-00-00 00:00	NULL		
	Owner_Que1	Owner Security Question 1	Int(10)	0000000000	Y		
	Owner_Ans1	Owner Security Answer 1	Vchar(1000)	Xxxxxxxxxx	Y		
	Owner_Que2	Owner Security Question 2	Int(10)	0000000000	Y		
	Owner_Ans2	Owner Security Answer 2	Vchar(1000)	Xxxxxxxxxx	Y		
	Owner_Que3	Owner Security Question 3	Int(10)	0000000000	Y		
	Owner_Ans3	Owner Security Answer 3	Vchar(1000)	Xxxxxxxxxx	Y		
	Owner_Is_Delete	Owner Is Delete	Int(10)	0000000000			
	Owner_State	Owner State	Int(10)	0000000000	Y		
	Owner_Status	Owner Account Status	Int(10)	0000000000			
	Admin_Id	Admin Identification	Int(10)	0000000000	Y	FK	Admin

Table 3.5.1 Data Dictionary Hostel Booking System - Owner

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Hostel	Hostel_Id	Hostel Identification	Int(10)	0000000000	Y	PK	
	Hostel_Name	Hostel Name	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Price	Hostel Price	Int(10)	0000000000	Y		
	Hostel_Ori_Room	Hostel Total Room Available	Int(10)	0000000000	Y		
	Hostel_Tot_Room	Hostel Left Room	Int(10)	0000000000	Y		
	Hostel_Details	Hostel Details	Text	Xxxxxxxxxx	Y		
	Hostel_Image1	Hostel Image 1	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Image2	Hostel Image 2	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Image3	Hostel Image 3	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Image4	Hostel Image 4	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Image5	Hostel Image 5	Vchar(100)	Xxxxxxxxxx	Y		
	Hostel_Is_Delete	Hostel Is Delete	Int(10)	0000000000			
	Hostel_Status	Hostel Status	Int(10)	0000000000			
	Category_Id	Category Identification	Int(10)	0000000000	Y	FK	Category
	Owner_Id	Owner Identification	Int(10)	0000000000	Y	FK	Owner

Table 3.5.2 Data Dictionary Hostel Booking System – Hostel

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Student	Student_Id	Student Identification	Int(10)	0000000000	Y		
	Student_Name	Student Name	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Nationality	Student Nationality	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Ic	Student Identity Card	Vchar(20)	Xxxxxxxxxx			
	Student_Passport	Student Passport	Vchar(100)	Xxxxxxxxxx			
	Student_Gender	Student Gender	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Phnu_Num	Student Phone Number	Vchar(20)	Xxxxxxxxxx	Y		
	Student_Course	Student Course	Int(10)	0000000000	Y		
	Student_Offer_Letter	Student Offer Letter	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Profile_Pic	Student Profile	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Address	Student Current Address	Vchar(100)	Xxxxxxxxxx	Y		
	Student_State	Student State	Int(10)	0000000000	Y		
	Student_Postcode	Student Postcode	Int(5)	00000	Y		
	Student_Email	Student Email	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Password	Student Password	Vchar(100)	Xxxxxxxxxx	Y		
	Student_Secu_Pin	Student Security Pin	Vchar(100)	Xxxxxxxxxx	NULL		
	Student_Secu_Date	Student Security Date	Date/Time	0000-00-00 00:00	NULL		
	Student_Is_Delete	Student Is Delete	Int(10)	0000000000			
	Student_Status	Student Status	Int(10)	0000000000			
	Student_Que1	Student Security Question 1	Int(10)	0000000000	Y		
	Student_Ans1	Student Security Answer 1	Vchar(1000)	Xxxxxxxxxx	Y		
	Student_Que2	Student Security Question 2	Int(10)	0000000000	Y		
	Student_Ans2	Student Security Answer 2	Vchar(1000)	Xxxxxxxxxx	Y		
	Student_Que3	Student Security Question 3	Int(10)	0000000000	Y		
	Student_Ans3	Student Security Answer 3	Vchar(1000)	Xxxxxxxxxx	Y		
	Admin_id	Admin Identification	Int(100)	0000000000	Y	FK	Admin

Table 3.5.3 Data Dictionary Hostel Booking System – Student

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Admin	Admin_Id	Admin Identification	Int(10)	0000000000	Y	PK	
	Admin_Name	Admin Name	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Email	Admin Email	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Password	Admin Password	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Picture	Admin Profile Picture	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Contact	Admin Contact Number	Vchar(20)	Xxxxxxxxxx	Y		
	Admin_Gender	Admin Gender	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Type	Admin Position Type	Vchar(100)	Xxxxxxxxxx	Y		
	Admin_Is_Delete	Admin Is Delete	Int(10)	0000000000			
	Admin_Del	SuperAdmin Delete	Int(10)	Xxxxxxxxxx			

Table 3.5.4 Data Dictionary Hostel Booking System – Admin

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Category	Category_Id	Category_Identification	Int(10)	0000000000	Y	PK	
	Category_Hostel	Hostel's Category	Vchar(255)	Xxxxxxxxxx	Y		

Table 3.5.5 Data Dictionary Hostel Booking System – Category

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Coupon	Coupon_Id	Coupon Identification	Int(11)	0000000000	Y	PK	
	Coupon_Title	Coupon Title	Vchar(255)	Xxxxxxxxxx	Y		
	Coupon_Discount	Coupon Discount	Vchar(11)	Xxxxxxxxxx	Y		
	Coupon_Code	Coupon Code	Vchar(255)	Xxxxxxxxxx	Y		
	Coupon_Limit	Coupon Limit for Student	Int(11)	0000000000	Y		
	Coupon_Used	Number of Student Used	Int(11)	0000000000	Y		
	Coupon_Is_Delete	Coupon Is Delete	Int(10)	0000000000			
	<i>Voucher_Id</i>	Voucher Identification	Vchar(255)	Xxxxxxxxxx	Y	FK	voucher
	<i>Admin_Id</i>	Admin Identification	Int(11)	0000000000	Y	FK	Admin

Table 3.5.6 Data Dictionary Hostel Booking System – Coupon

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Rating	Rating_Id	Rating Identification	Int(11)	0000000000	Y	PK	
	Rating_of_Hostel	Rating of Student Given	Int(10)	0000000000			
	Booking_Id	Booking Identification	Int(10)	0000000000	Y	FK	Booking
	<i>Hostel_Id</i>	Hostel Identification	Int(10)	0000000000	Y	FK	Hostel

Table 3.5.7 Data Dictionary Hostel Booking System – Rating

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Appointment	Appointment_Id	Appointment Identification	Int(10)	0000000000	Y	PK	
	Appointment_Date	Appointment Date	Vchar(100)	Xxxxxxxxxx	Y		
	Appointment_Time	Appointment Time	Vchar(100)	Xxxxxxxxxx	Y		
	Appointment_Message	Appointment Message	Vchar(1000)	Xxxxxxxxxx	Y		
	Appointment_Approve	Appointment Approve	Int(10)	0000000000	Y		
	Appointment_Status	Appointment Status	Int(10)	0000000000	Y		
	Appointment_Is_Delete	Appointment Is Delete	Int(10)	0000000000	Y		
	Appointment_Key_Status	Owner Pass Key Status	Int(10)	0000000000	Y		
	<i>Hostel_Id</i>	Hostel Identification	Int(10)	0000000000	Y	FK	Hostel
	<i>Student_Id</i>	Student Identification	Int(10)	0000000000	Y	FK	Student

Table 3.5.8 Data Dictionary Hostel Booking System – Appointment

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Payment	Payment_Id	Payment Identification	Int(10)	0000000000	Y	PK	
	Payment_Bank	Bank of Holder Person Used	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_Holder_Name	Holder's Name	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_Card_Number	Holder's Card Number	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_Card_Type	Holder's Card Type	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_CVV	Holder's CVV	Int(3)	000	Y		
	Payment_Expire_Date	Holder's Card Expire Date	Vchar(10)	Xxxxxxxxxx	Y		
	Payment_Price	Total Price	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_Date	Payment Date	Vchar(100)	Xxxxxxxxxx	Y		
	Payment_Move_In	Move In Date	Date	0000-00-00	Y		
	Payment_Duration	Duration of Stay	Vchar(100)	Xxxxxxxxxx	Y		
	<i>Booking_Id</i>	Booking Identification	Int(10)	0000000000	Y	FK	Booking
	<i>Voucher_Id</i>	Voucher Identification	Int(10)	0000000000	Y	FK	Voucher

Table 3.5.9 Data Dictionary Hostel Booking System – Payment

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Voucher	Voucher_Id	Voucher Identification	Int(10)	0000000000	Y	PK	
	Voucher_Is_Use	Voucher Used by Student Record	Int(10)	0000000000	Y		
	<i>Student_Id</i>	Student Identification	Int(10)	0000000000	Y	FK	Student

Table 3.5.10 Data Dictionary Hostel Booking System – Voucher

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Booking	Booking_Id	Booking Identification	Int(10)	0000000000	Y	PK	
	Booking_Tot_Room	Booking Total Room Rented	Int(10)	0000000000	Y		
	Booking_Date	Booking Date	Date	00-00-0000	Y		
	Booking_Status	Booking Status	Vchar(100)	Xxxxxxxxxx	Y		
	Booking_Hos_Is_Delete	Hostel Is Delete	Int(10)	0000000000			
	<i>Hostel_Id</i>	Hostel identification	Int(10)	0000000000	Y	FK	Hostel
	<i>Student_Id</i>	Student Identification	Int(10)	0000000000		FK	Student

Table 3.5.11 Data Dictionary Hostel Booking System – Booking

Table Name	Attribute Name	Content	Type	Format	Required	PK or FK	PK reference Table
Favourite	Favourite_Id	Favourite Identification	Int(10)	0000000000	Y	PK	
	Favourite_Hos_Is_Delete	Hostel Is Delete	Int(10)	0000000000	Y		
	<i>Hostel_Id</i>	Hostel identification	Int(10)	0000000000	Y	FK	Hostel
	<i>Student_Id</i>	Student Identification	Int(10)	0000000000	Y	FK	Student

Table 3.5.12 Data Dictionary Hostel Booking System – Favourite

Part IV:

System Previews

4.1 Customer/Member Module

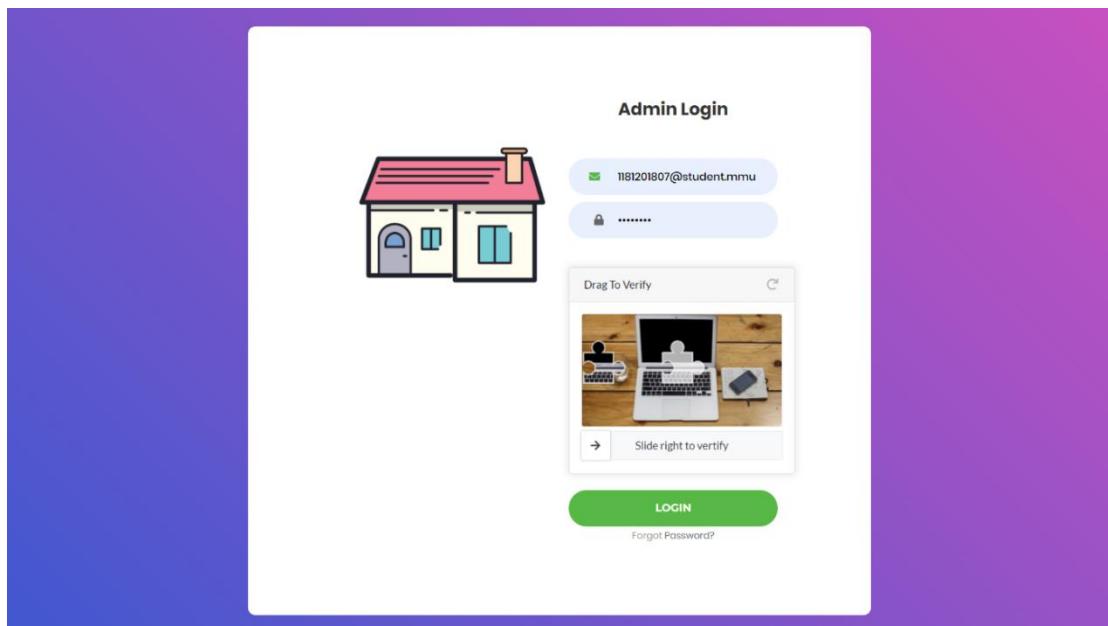


Figure 4.1.1 Admin Login Pages with Puzzle Verify

Figure 4.1.1 show about admin login pages, if the admin had entered wrong email or password but had verify an alert box will display “Password or Email is Invalid”. If the admin is entered both email and password but didn’t verify puzzle an alert box will display “Please complete the captcha”. If all data are correct then will login to index pages.

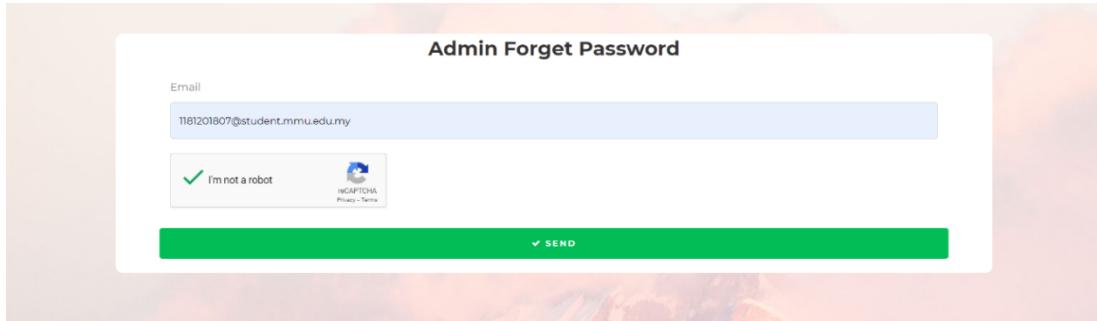


Figure 4.1.2 Admin Forgot Password with Google Captcha

Figure 4.1.2 show that is admin is forgotten password then click forgot password on figure 4.1.1 and fill up email and complete captcha is the email are match, admin will receive a temporally strong password to login account and change the password.

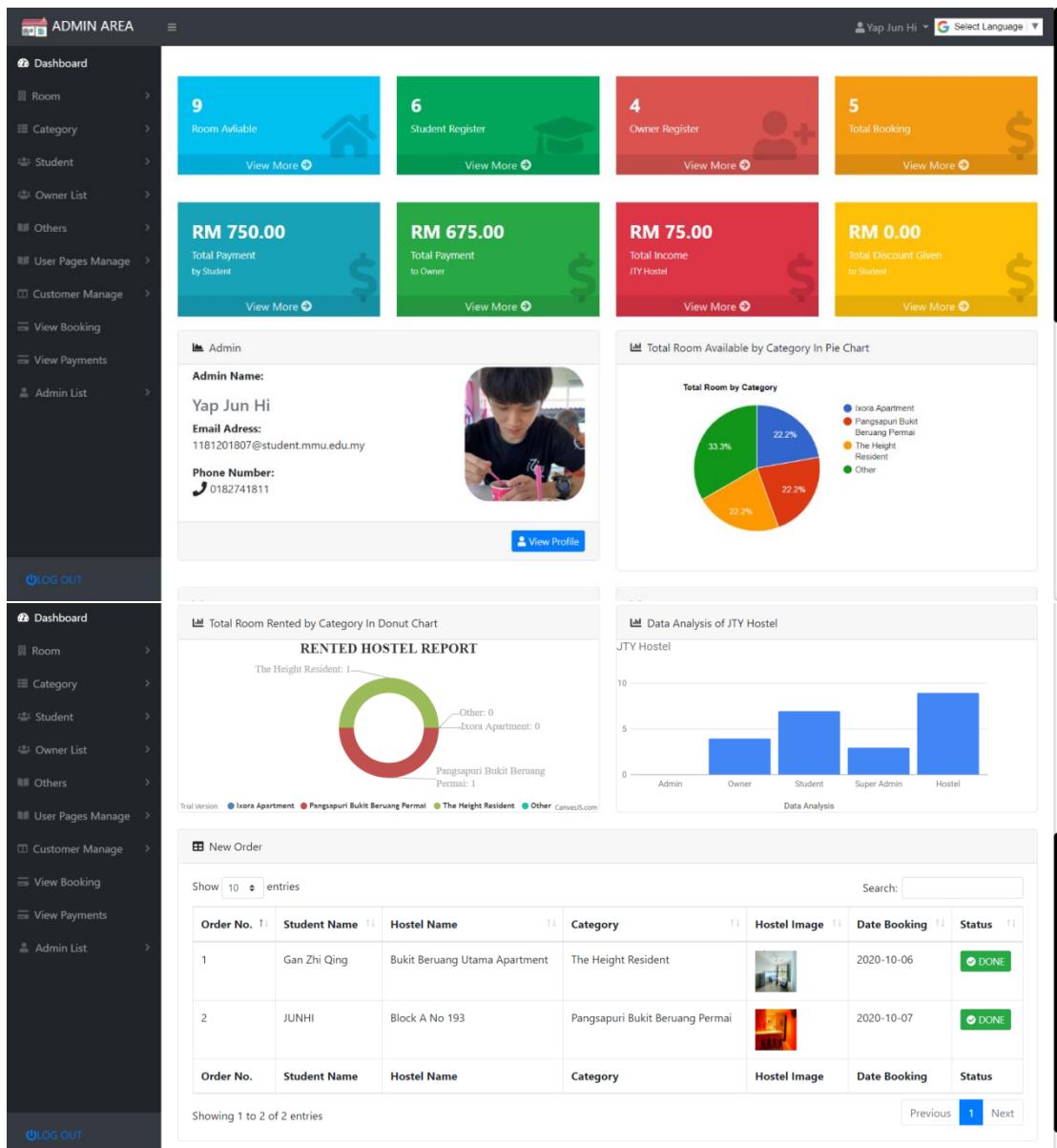
**Figure 4.1.3 Super Admin Dashboard**

Figure 4.1.3 show the dashboard of Super Admin, the different between admin and super admin is admin can't view the admin list and manage the admin. Admin can view total room available group by category in pie chart view, total room rented group by category in donut chart view and data analysis of JTY Hostel in vertical bar chart.

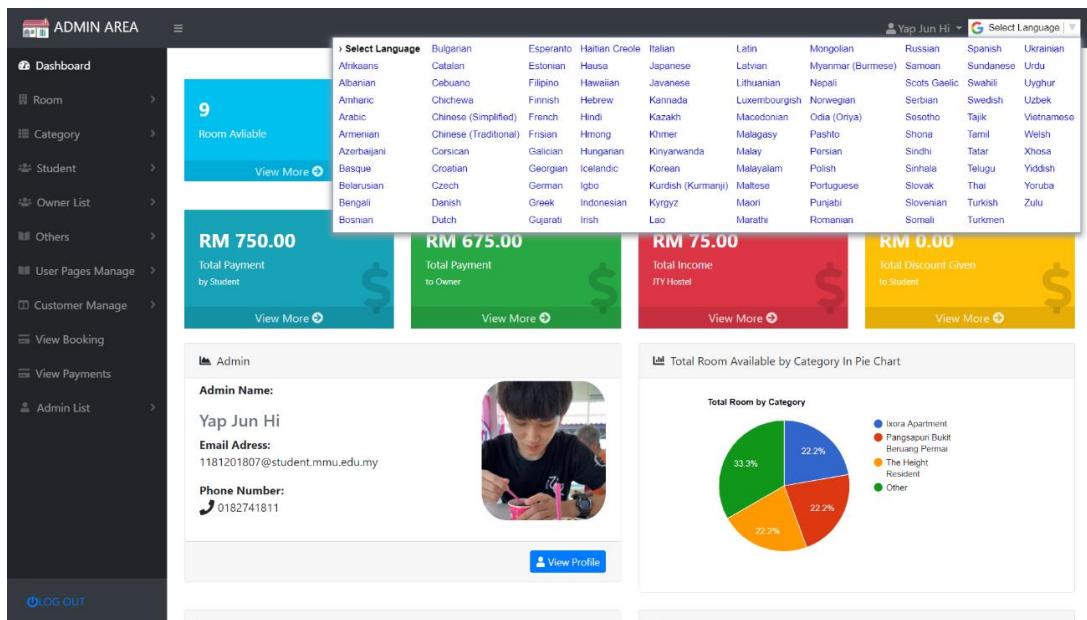


Figure 4.1.4 Admin Dashboard (Change Language)

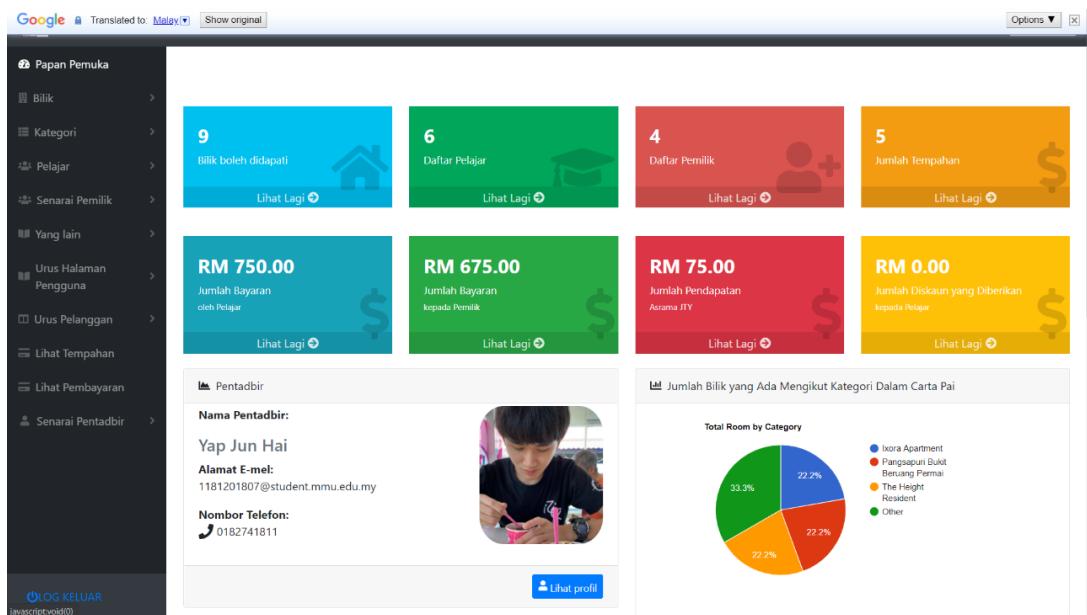


Figure 4.1.5 Admin Dashboard (Example Language of Malay)

Admin can change the language showing on figure 4.1.4 and on figure 4.1.5 show language of “Malay”.

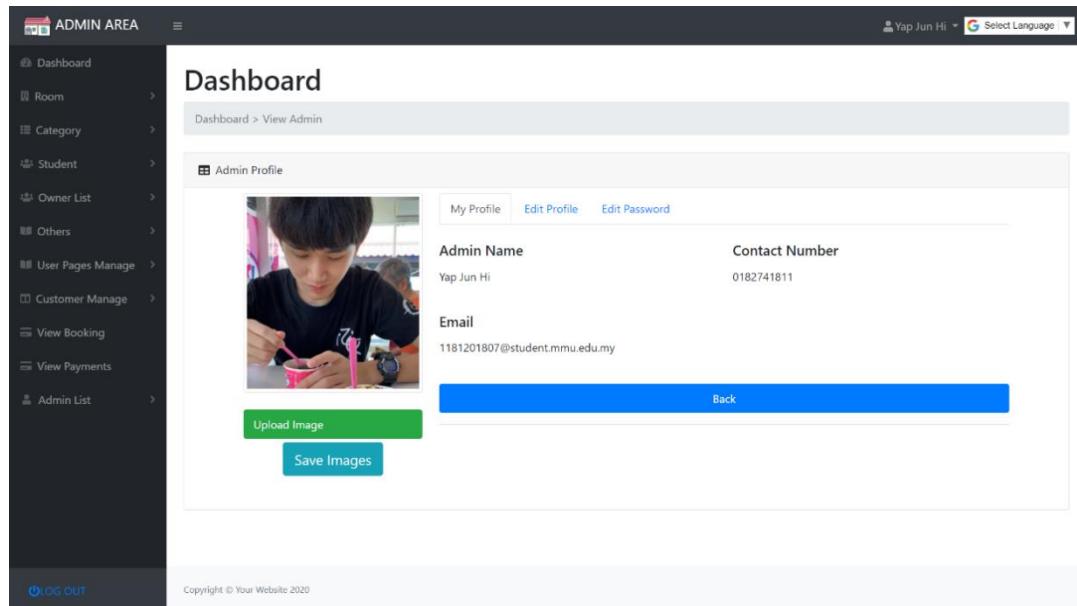


Figure 4.1.6 Admin Profile

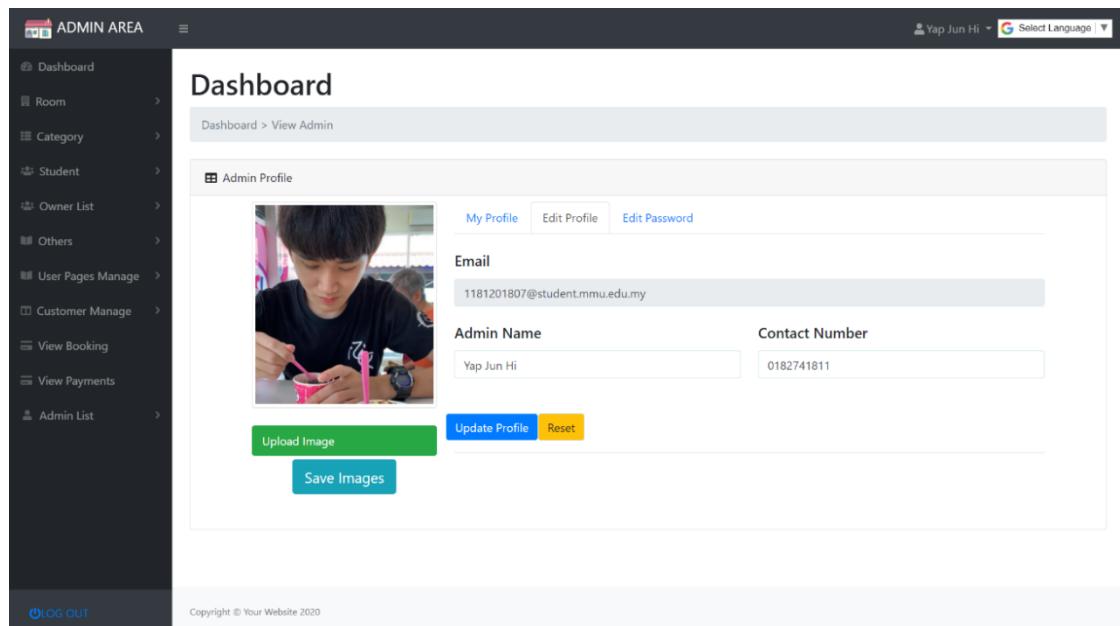


Figure 4.1.7 Admin Profile – Edit Profile

Admin can change their admin name and contact number but can't change the email. If the admin name or contact number are same with others admin an alert box will be display "Contact Number or Admin can't be same with others."

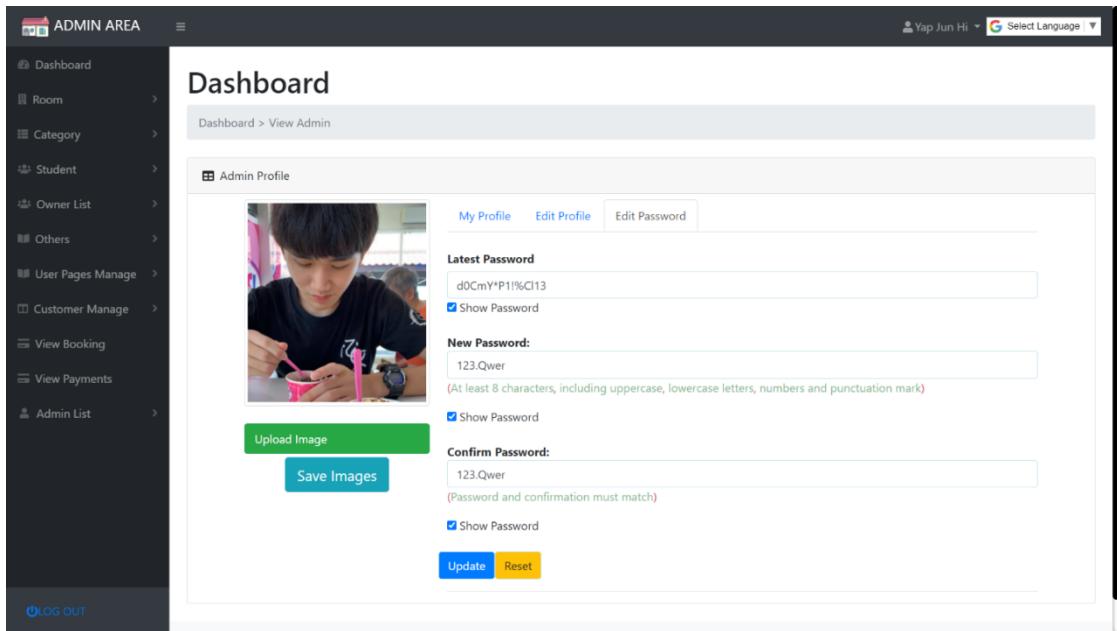


Figure 4.1.8 Admin Profile – Edit Password

Admin can change the password after click update button will check the latest password are match will the latest edited password if not match will display a alert "Password are not match with latest password" and will check the new password are same will latest password, if same it will display an alert "Password can't be same with latest password".

No.	Hostel Title	Category	Owner Name	Room	Hostel Image	Hostel Price(RM)	View	Status
1	No 245 Block A	Ixora Apartment	Rowan Sebastian Atkinson	6		360	<button>View</button>	<button>DONE</button>
2	No 284, Block A	Pangsapuri Bukit Beruang Permai	Rowan Sebastian Atkinson	6		250	<button>View</button>	<button>DONE</button>
3	A-10-B	The Height Resident	Rowan Sebastian Atkinson	5		250	<button>View</button>	<button>DONE</button>
4	No 93 Block D	Other	Rowan Sebastian Atkinson	8		300	<button>View</button>	<button>DONE</button>
5	No 62, Bukit Beruang	Other	Rowan Sebastian Atkinson	3		470	<button>View</button>	<button>DONE</button>
6	Block A No 193	Pangsapuri Bukit Beruang Permai	Rowan Sebastian Atkinson	4		500	<button>View</button>	<button>DONE</button>
7	D-02-09	Ixora Apartment	Rowan Sebastian Atkinson	6		200	<button>View</button>	<button>DONE</button>
8	D0810	Other	kara wong	4		280	<button>View</button>	<button>Pending</button>

Showing 1 to 8 of 8 entries

Previous 1 Next

LOG OUT | localhost/y/admin_HOSTEL_BOOKING_SYSTEM/view_product.php

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Figure 4.1.9 Hostel List

If the hostel posted by owner it will display on hostel with status pending, if the hostel is approved by admin the status will change to done. Admin change the status from done to pending anytime if the owner posted the hostel with not follow our term and condition rules and will send an email to owner inform them.

The screenshot shows the Admin Area Dashboard for a Hostel Booking System. The left sidebar contains a navigation menu with the following items:

- Dashboard
- Room
- Category
- Student
- Owner List
- Others
- User Pages Manage
- Customer Manage
- View Booking
- View Payments
- Admin List

The main content area displays the following information:

- Average: NAN★**
- Hostel Title**: D0810
- Category**: Other
- Owner Name**: kara wong
- Total Room**: 4
- Left Room**: 4

Below this, there are three sections labeled "Hostel Image 1", "Hostel Image 2", and "Hostel Image 3", each accompanied by a small thumbnail image of a room interior.

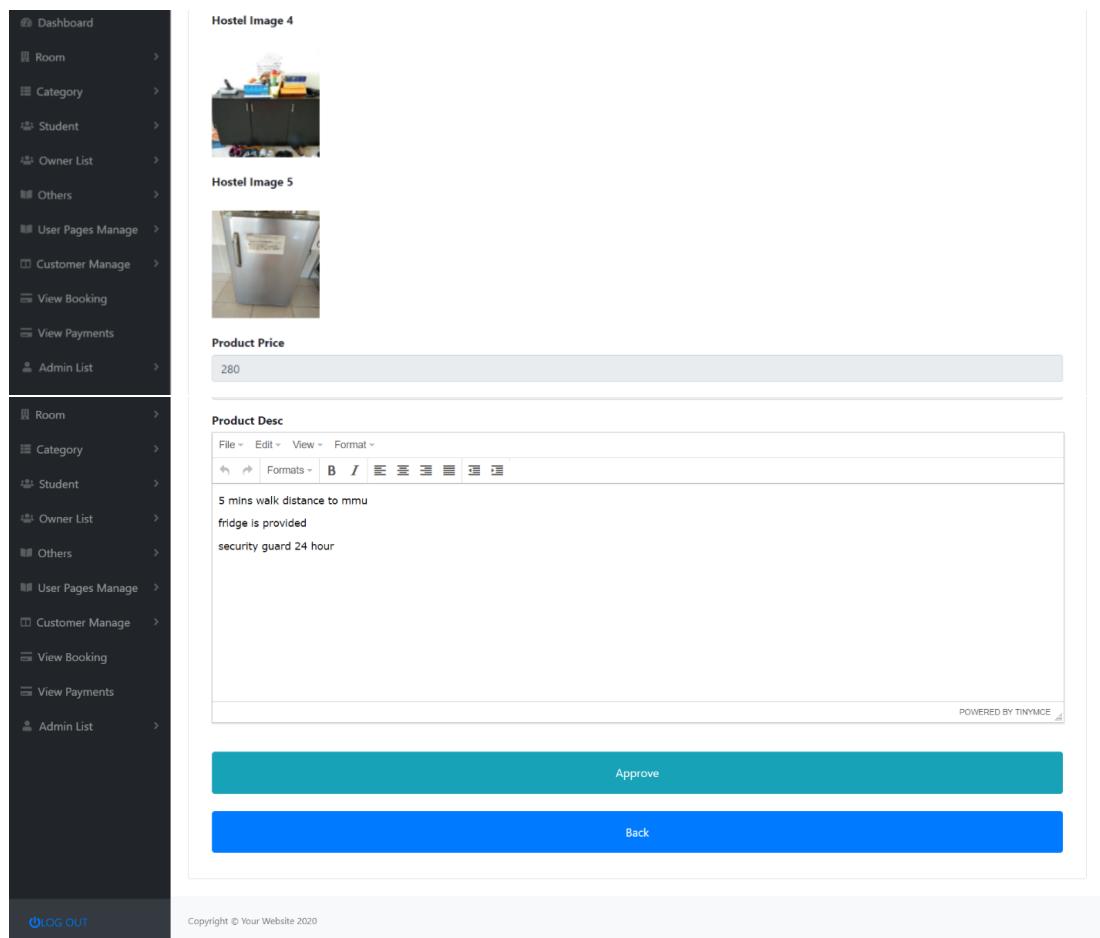
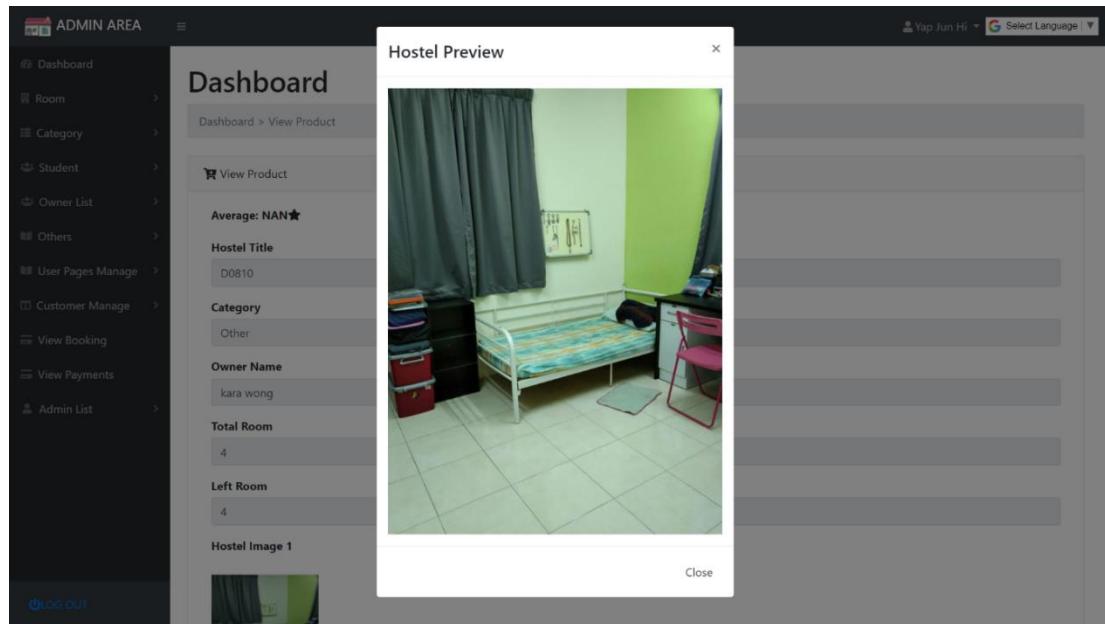
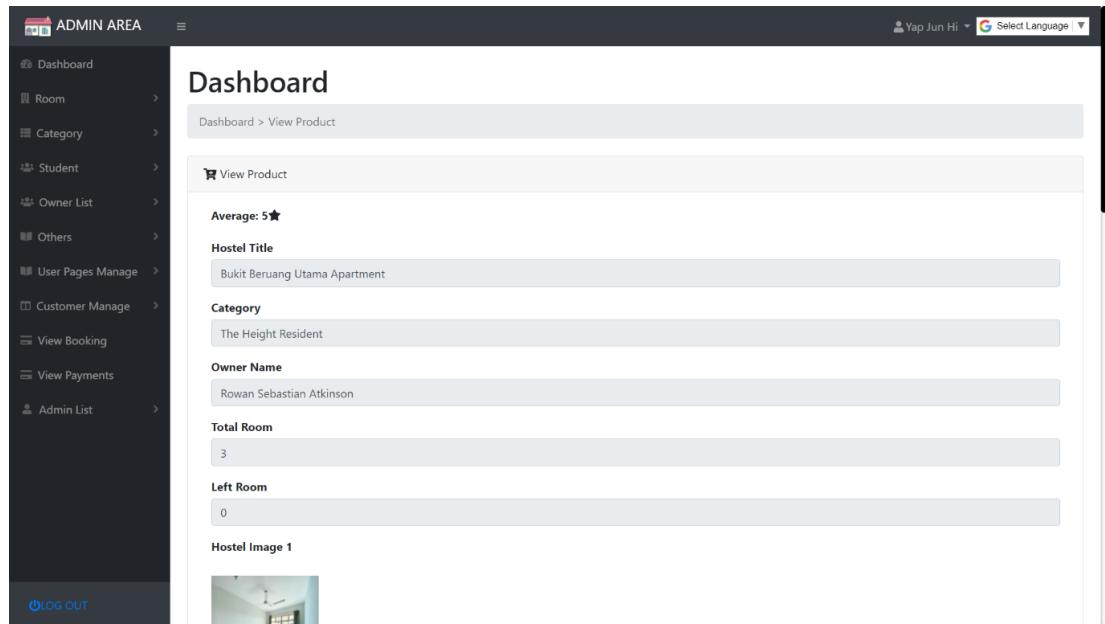


Figure 4.1.10 View Hostel Information (Before Approve)



Figure 4.1.11 View Hostel Information (After Approve)

Admin only can view the hostel details and approved it; admin can't delete owner hostel only can change the status from done to pending only. Before approve the button will display showing on figure 4.1.10 and after approve the button will show on figure 4.1.11.

**Figure 4.1.12 Hostel Images Preview****Figure 4.1.13 Hostel Details (After Student Rating)**

The rating will display after student had done payment and rating.

The screenshot shows the 'View Category' section of the Admin Area. The table has columns for No., Category Title, and View Room. The entries are:

No.	Category Title	View Room
1	Ixora Apartment	View
2	Pangaspuri Bukit Beruang Permai	View
3	The Height Resident	View
4	Other	View

Showing 1 to 4 of 4 entries

Figure 4.1.14 Hostel Category List

The screenshot shows the 'View Hostel' section of the Admin Area. The table has columns for No., Hostel Title, Category, Owner Name, Room, Hostel Image, Hostel Price(RM), View, and Status. The entries are:

No.	Hostel Title	Category	Owner Name	Room	Hostel Image	Hostel Price(RM)	View	Status
1	No 245 Block A	Ixora Apartment	Rowan Sebastian Atkinson	6		360	View	Pending
2	D-02-09	Ixora Apartment	Rowan Sebastian Atkinson	6		200	View	DONE

Showing 1 to 2 of 2 entries

Figure 4.1.15 Hostel Category (Ixora Apartment)

The screenshot shows the Admin Area Dashboard. On the left, there is a sidebar with various menu items: Dashboard, Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. The 'Category' item is currently selected. The main content area is titled 'View Hostel' and displays a table of hostels. The table has columns: No., Hostel Title, Category, Owner Name, Room, Hostel Image, Hostel Price(RM), View, and Status. There are two entries:

No.	Hostel Title	Category	Owner Name	Room	Hostel Image	Hostel Price(RM)	View	Status
1	No 284, Block A	Pangsuri Bukit Beruang Permai	Rowan Sebastian Atkinson	6		250	View	DONE
2	Block A No 193	Pangsuri Bukit Beruang Permai	Rowan Sebastian Atkinson	4		500	View	DONE

At the bottom of the page, there is a 'LOG OUT' button and a copyright notice: 'Copyright © Your Website 2020'.

Figure 4.1.16 Hostel Category (“Pangsuri Bukit Beruang Permai”)

The screenshot shows the Admin Area Dashboard. The sidebar and main content area are identical to Figure 4.1.16, but the table data is different. It shows one entry under the category 'The Height Resident'.

No.	Hostel Title	Category	Owner Name	Room	Hostel Image	Hostel Price(RM)	View	Status
1	A-10-B	The Height Resident	Rowan Sebastian Atkinson	5		250	View	DONE

Figure 4.1.17 Hostel Category (The Height Resident)

The screenshot shows the Admin Area dashboard with a sidebar containing various management options like Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. The main content area is titled 'View Hostel' and shows a table of hostels. The table has columns: No., Hostel Title, Category, Owner Name, Room, Hostel Image, Hostel Price(RM), View, and Status. There are three entries:

No.	Hostel Title	Category	Owner Name	Room	Hostel Image	Hostel Price(RM)	View	Status
1	No 93 Block D	Other	Rowan Sebastian Atkinson	8		300	View	DONE
2	No 62, Bukit Beruang	Other	Rowan Sebastian Atkinson	3		470	View	DONE
3	D0810	Other	kara wong	4		280	View	DONE

At the bottom, it says 'Showing 1 to 3 of 3 entries' and has navigation buttons for Previous, Next, and a page number '1'. The footer includes a 'LOG OUT' button and copyright information: 'Copyright © Your Website 2020'.

Figure 4.1.18 Hostel Category (Others)

Figure 4.1.14 show after filter of category and can view selected category showing on figure 4.1.15 to figure 4.1.18.

No.	Student Name	Email	View	Remove	Status	Admin Approve
1	Gan Zhi Qing	11@gmail.com				Tan Xin Hui
2	Elvin Ting Di Wei	22@gmail.com				Yap Jun Hi
3	Jack Lee Lik Jie	jj@gmail.com				Tan Jun Zhi
4	Wong Jing Wei	wei@hotmail.com				Tan Xin Hui
5	Chan Hong Sang	pp@gmail.com				Yap Jun Hi
6	Ng You Heng	yh@hotmail.com				Tan Xin Hui

Showing 1 to 6 of 6 entries

Figure 4.1.19 Student List

Figure 4.1.19 show student list, admin can view student, delete student if student didn't have follow our term and condition, and see the status of student. If student had been approved by admin the status will display done else it will display pending. In student list will also record which admin are approve student.

The screenshot shows the Admin Area Dashboard for a Hostel Booking System. The left sidebar contains navigation links for Admin Area, including Dashboard, Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. A 'LOG OUT' button is also present.

The main content area displays a 'Student Profile' for Elvin Ting Di Wei. It includes a profile picture of the student sitting outdoors, basic information like Name (Elvin Ting Di Wei), Passport (C1234567), Gender (Male), and Phone Number (0125658956), and their Student Course (Foundation in Business).

An 'Offer Letter' from Multimedia University is shown, dated 22 September 2020, addressed to Elvin Ting Di Wei. The letter details a Conditional Offer of Admission for the Foundation in Business program. It specifies the admission date as 18-OCT-2020 and the payment requirement of RM5000. The letter concludes with the signature of NUR AZURAH REZO and the official seal of Multimedia University.

The right side of the dashboard shows sections for Current Address (45444, Negeri Sembilan, 76000), Security Questions (3 questions with answers 87, 26:06, and 8956), and Email address (22@gmail.com). At the bottom are 'Approve' and 'Back' buttons.

Figure 4.1.20 Student Details (Button Before Approve)

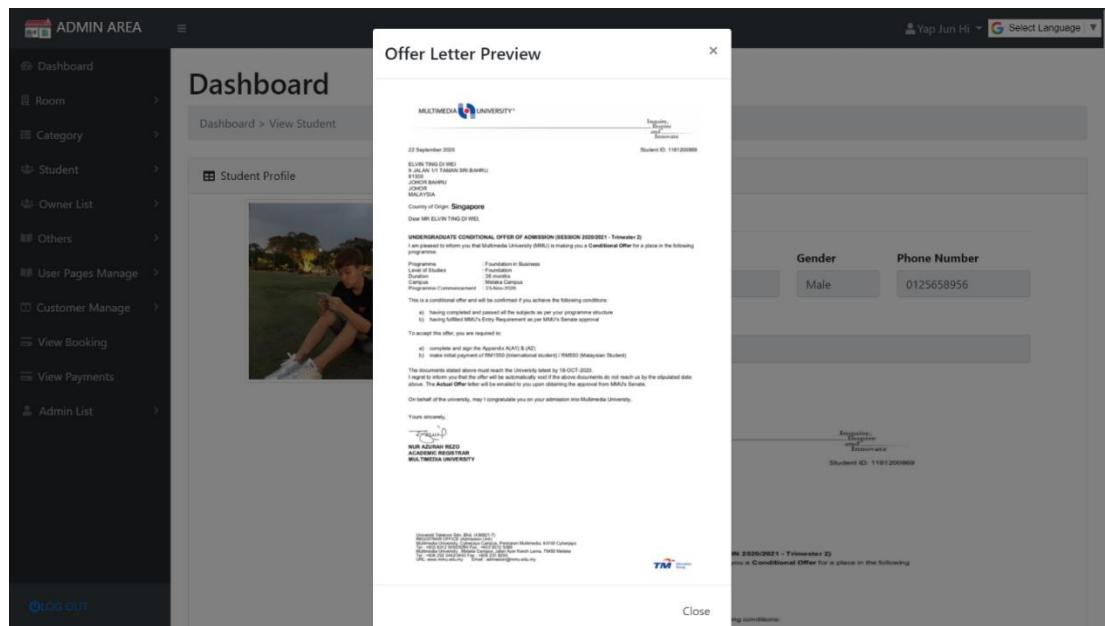


Figure 4.1.21 Offer Letter Images Preview

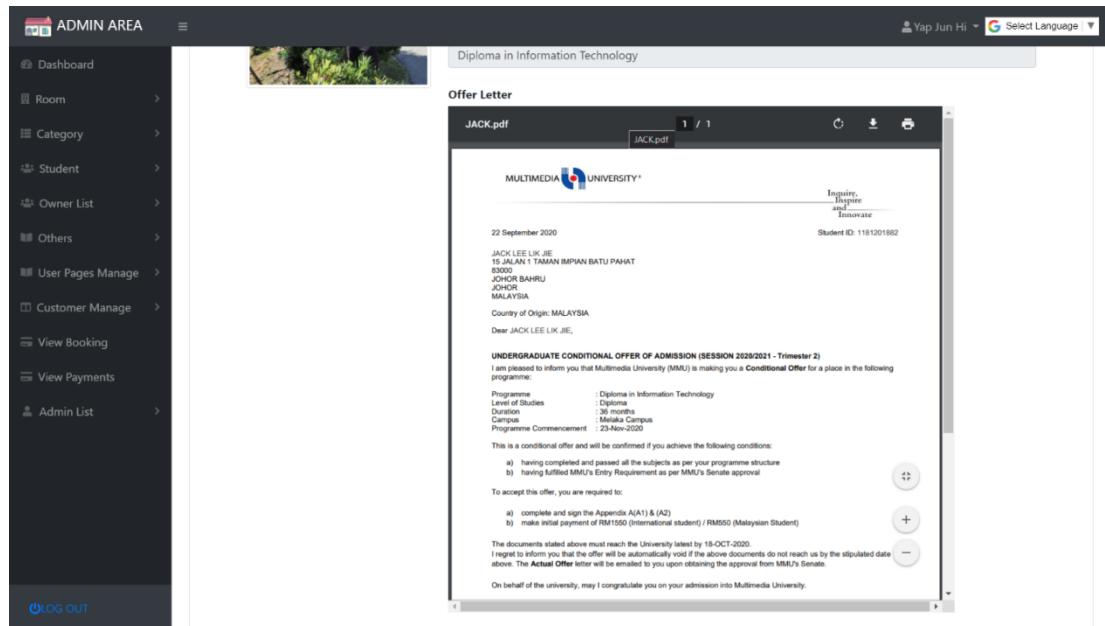


Figure 4.1.22 Offer Letter PDF File Preview

The screenshot shows the Admin Area interface. On the left is a sidebar with navigation links: Dashboard, Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. At the bottom of the sidebar is a 'LOG OUT' button. The main content area has a header with the university's name and address, and a 'Select Language' dropdown set to English. Below the header, there are fields for 'Current Address' (45444), 'State' (Negeri Sembilan), and 'Postcode' (76000). There are three security questions with their answers: 'What was the house number and street name you lived in as a child?' (Answer: 87), 'What time of the day were you born? (dd:mm)' (Answer: 26:06), and 'What were the last four digits of your childhood telephone number?' (Answer: 8956). An 'Email address' field contains 22@gmail.com. A blue 'Back' button is at the bottom.

Figure 4.1.23 Student Details (Button After Approve)

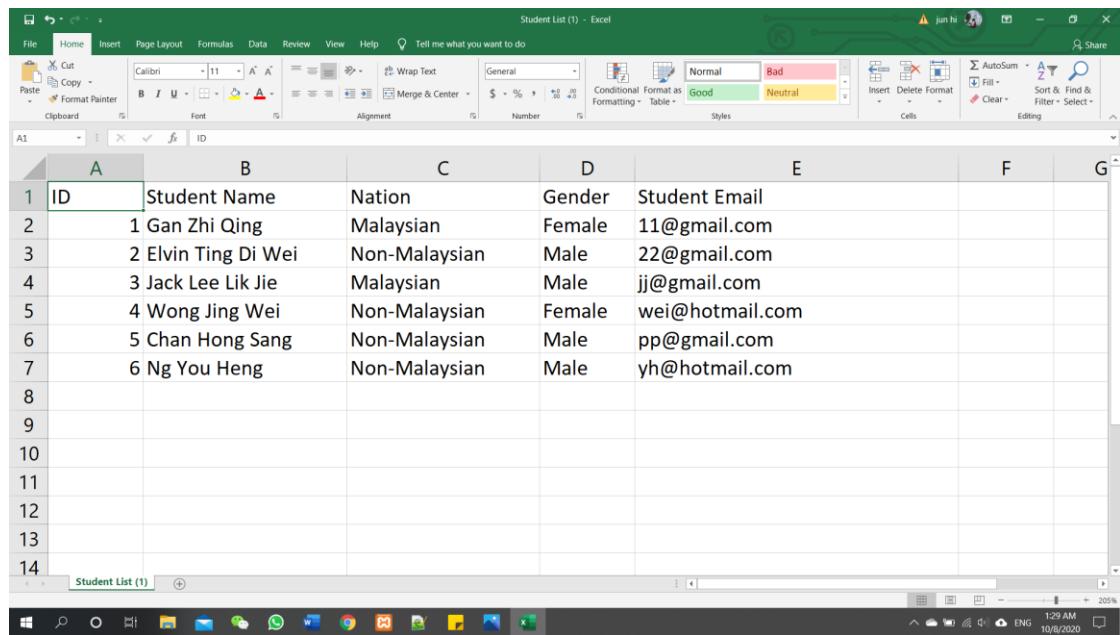
The screenshot shows the Admin Area interface with the 'Dashboard' page selected. The sidebar is identical to Figure 4.1.23. The main content area has a header with the university's name and address, and a 'Select Language' dropdown set to English. Below the header, the title 'Dashboard' is displayed, followed by 'Dashboard > Student Blacklist'. A table titled 'Student Blacklist' lists one entry: Elvin Ting Di Wei, with email 22@gmail.com, viewed by Yap Jun Hi. The table includes columns for No., Student Name, Email, View, and Remove By. Navigation buttons for 'Previous', '1', and 'Next' are at the bottom of the table.

Figure 4.1.24 Removed Student List

Figure 4.1.25 Student Details (Button If Unremoved)

Figure 4.1.20 show selected student if the student is from nationality citizen it will display the Passport and if the student is local student it will display identity card number on first line. If the student had Multimedia University offer letter and the data is real admin will approve the student. If the offer letter is image admin can click the image to pop up to view showing on figure 4.1.21, if the format is pdf admin can direct see the file showing on figure 4.1.22.

On figure 4.1.24 show student who are removed by admin and it will record which admin are remove. If admin need to unremoved the student then click will button to student detail and click unremoved button show on figure 4.1.25.



A	B	C	D	E	F	G
1	ID	Student Name	Nation	Gender	Student Email	
2	1	Gan Zhi Qing	Malaysian	Female	11@gmail.com	
3	2	Elvin Ting Di Wei	Non-Malaysian	Male	22@gmail.com	
4	3	Jack Lee Lik Jie	Malaysian	Male	jj@gmail.com	
5	4	Wong Jing Wei	Non-Malaysian	Female	wei@hotmail.com	
6	5	Chan Hong Sang	Non-Malaysian	Male	pp@gmail.com	
7	6	Ng You Heng	Non-Malaysian	Male	yh@hotmail.com	
8						
9						
10						
11						
12						
13						
14						

Figure 4.1.26 Student List in Excel

Admin can click generate excel button on figure 4.1.19 and it will auto generate a .csv format's excel folder to record the student.

No.	Student Name	Hostel Title	Category	Owner	Appointment Date	Appointment Time	View	Get Key	Status
1	Gan Zhi Qing	No 245 Block A	Ixora Apartment	Rowan Sebastian Atkinson	2020-10-08	5 pm	View	Owner Has Pass Key	DONE
2	Gan Zhi Qing	Bukit Beruang Utama Apartment	The Height Resident	Rowan Sebastian Atkinson	2020-10-08	5 pm	View	Owner Has Pass Key	DONE
3	Elvin Ting Di Wei	A-10-B	The Height Resident	Rowan Sebastian Atkinson	2020-10-29	4 pm	View	Owner Has Not Pass Key Yet	Pending

Showing 1 to 3 of 3 entries

Figure 4.1.27 Appointment List

Figure 4.1.37 show the appointment if the admin wants to see more details of appointment then click view button. After owner pass key owner will click already pass key button and the row of get key will auto change from owner has not pass key yet to owner has pass key. After admin bring the student for visit admin will click the status from pending to done.

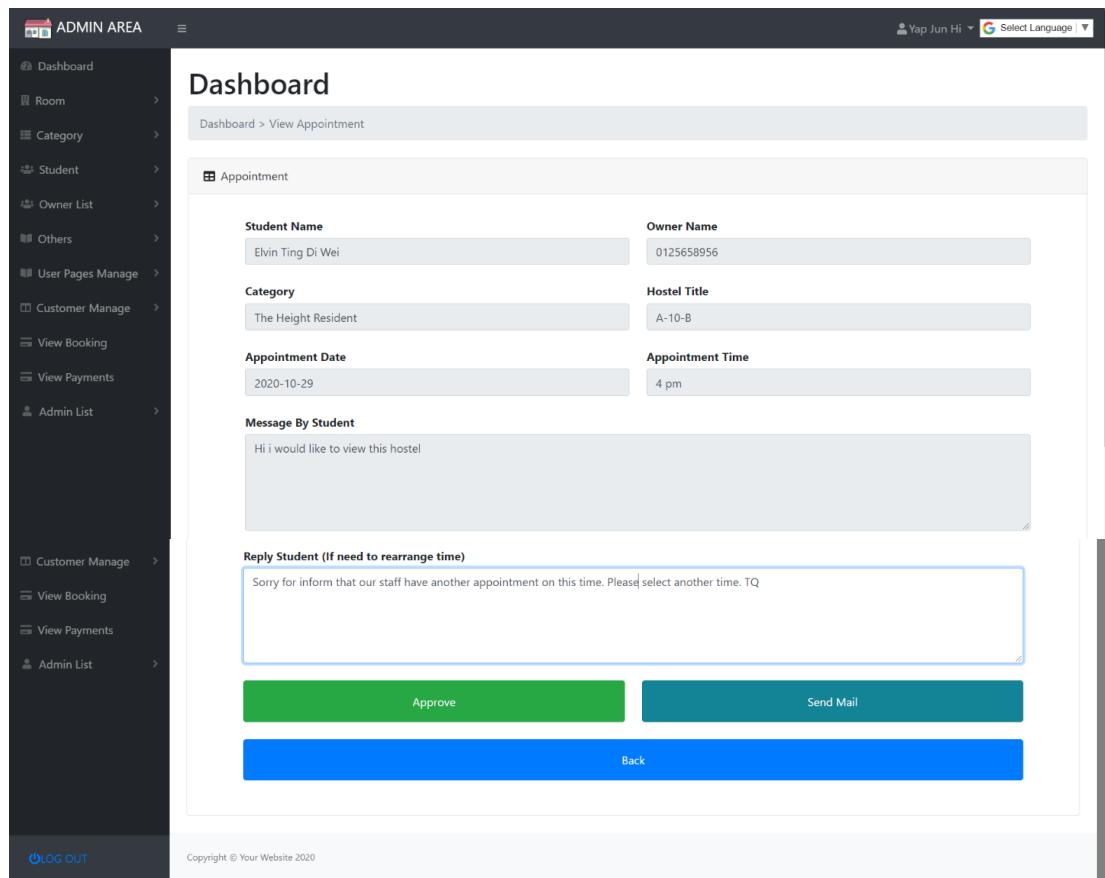


Figure 4.1.28 Appointment Details (Before Student View Hostel and Admin Approve)

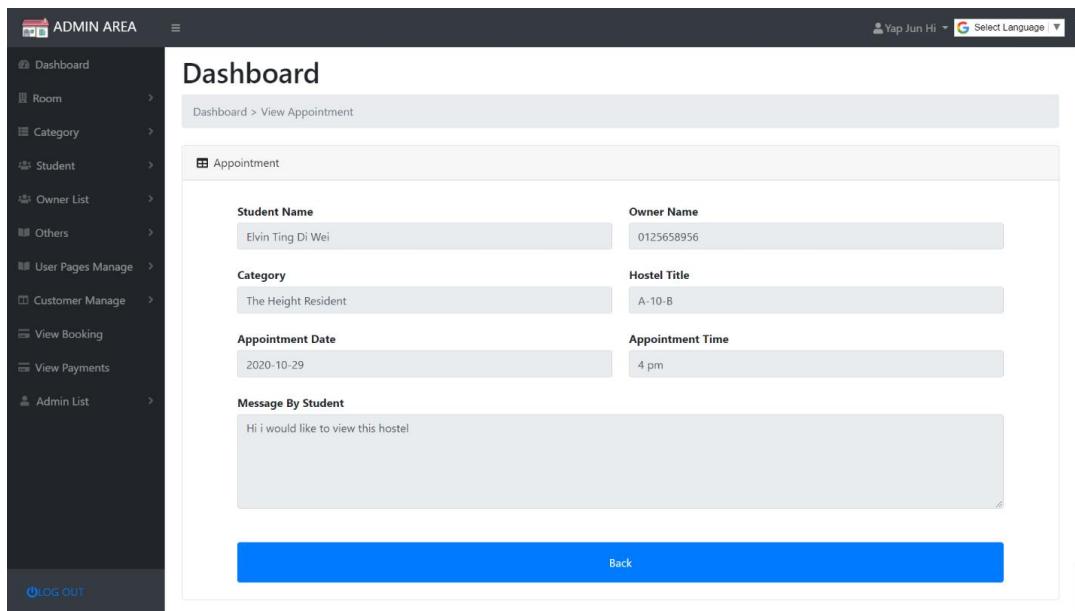


Figure 4.1.29 Appointment Details (After Student View Hostel and Admin Approve)

Before admin approved the appointment, admin can send the email to student if the time clash with others appointment before admin approve will display the interface on figure 4.1.28 and after approve will display on figure 4.1.29 and admin can't reply email anymore.

No.	Owner Name	Email	View	Remove	Status	Admin Approve
1	Rowan Sebastian Atkinson	bean@gmail.com	View	Remove	DONE	Tan Xin Hui
2	Obama	obama@hotmail.com	View	Remove	Pending	
3	kara wong	kara@gmail.com	View	Remove	DONE	Tan Xin Hui
4	Lim Mei Hua	mei@gmail.com	View	Remove	Pending	

Showing 1 to 4 of 4 entries

Figure 4.1.30 Owner List

Figure 4.1.19 show owner list, admin can view owner, delete owner if owner didn't have follow our term and condition, and see the status of owner. If student had been approved by admin the status will display done else it will display pending. In owner list will also record which admin are approve owner.

Owner Profile

Lim Mei Hua's Profile

Name	Lim Mei Hua	Passport	L0123456
Gender	Female	Contact Number	0152360222
Race	chinese	Nationality	Non-Malaysian
Address	jalan hisup	Postcode	86666
State	Malacca	Email	mei@gmail.com

Owner Passport

PASSPORT 中華民國 REPUBLIC OF CHINA

持照人 / Type of Holder: 888800850
代號 / Code: 888800850
護照號碼 / Passport No.: 888800850
姓名 / Name (Surname, Given name): 林美華 LIN, MEI-HUA
外文別名 / Also known as: MAY LIN
國籍 / Nationality: 中華民國 REPUBLIC OF CHINA
性別 / Sex: 女 F
發照日期 / Date of issue: 29 DEC 2008
效期截止日期 / Date of expiry: 28 DEC 2018
發照機關 / Authority: MINISTRY OF FOREIGN AFFAIRS
出生日期 / Date of birth: 01 JAN 1988
出生地點 / Place of birth: TAIWAN
SPECIMEN

Security Question 1 Answer: guangming
What primary school did you attend?

Security Question 2 Answer: 9036
What were the last four digits of your childhood telephone number?

Security Question 3 Answer: taipei
In what town or city was your first full time job?

Call to 0152360222

Approve

Back

Figure 4.1.31 Nationality Owner Details (Before Approve)

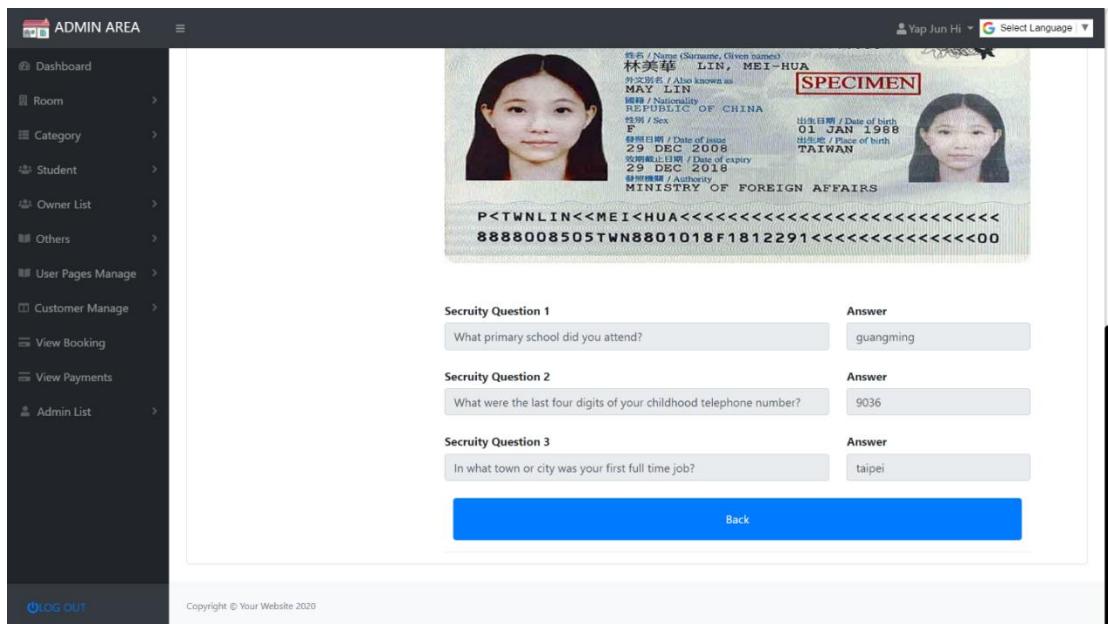


Figure 4.1.32 Nationality Owner Details (After Approve)

Figure 4.1.31 show selected owner if the owner is from nationality citizen it will display the Passport and if the owner is local student it will display identity card number. If the owner had posted their passport or identity card images and the data is real admin will approve the owner after admin call to the admin to make sure owner provide real data. Figure 4.1.32 show after approve owner.

The screenshot shows the Admin Area Dashboard with the following details:

- Owner Profile:** Rowan Sebastian Atkinson's Profile
- Name:** Rowan Sebastian Atkinson
- Identity Card:** 550106125821
- Gender:** Male
- Contact Number:** 0163298536
- Race:** Chinese
- Nationality:** Malaysian
- Address:** 254, Jalan semabok
- Postcode:** 75050
- State:** Malacca
- Email:** bean@gmail.com
- Owner Ic:** 550106125821

A MyKad card is displayed, showing the following information:

- KAD PENGENALAN MALAYSIA**
- 550106-12-5821**
- ROWAN SEBASTIAN ATKINSON**
- GDW KAMPUNG BAYANGAN 80000 KENINGAU SABAH**
- WARGANEGARA KHUNSA H**

Security Questions:

- Security Question 1:** What was the house number and street name you lived in as a child? **Answer:** 254
- Security Question 2:** What were the last four digits of your childhood telephone number? **Answer:** 8536
- Security Question 3:** What primary school did you attend? **Answer:** Pay fong

Buttons: Back, Log Out

Figure 4.1.33 Local Owner Details (After Approve)

Dashboard

Dashboard > Owner Blacklist

Student Blacklist

No.	Owner Name	Email	View	Delete By
1	Lim Mei Hua	mei@gmail.com	View	Yap Jun Hi

Showing 1 to 1 of 1 entries

Previous **1** Next

LOG OUT

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Figure 4.1.34 Removed Owner List

ADMIN AREA

Dashboard

Owner Details for Lim Mei Hua

Security Question 1: What primary school did you attend? Answer: guangming

Security Question 2: What were the last four digits of your childhood telephone number? Answer: 9036

Security Question 3: In what town or city was your first full time job? Answer: taipei

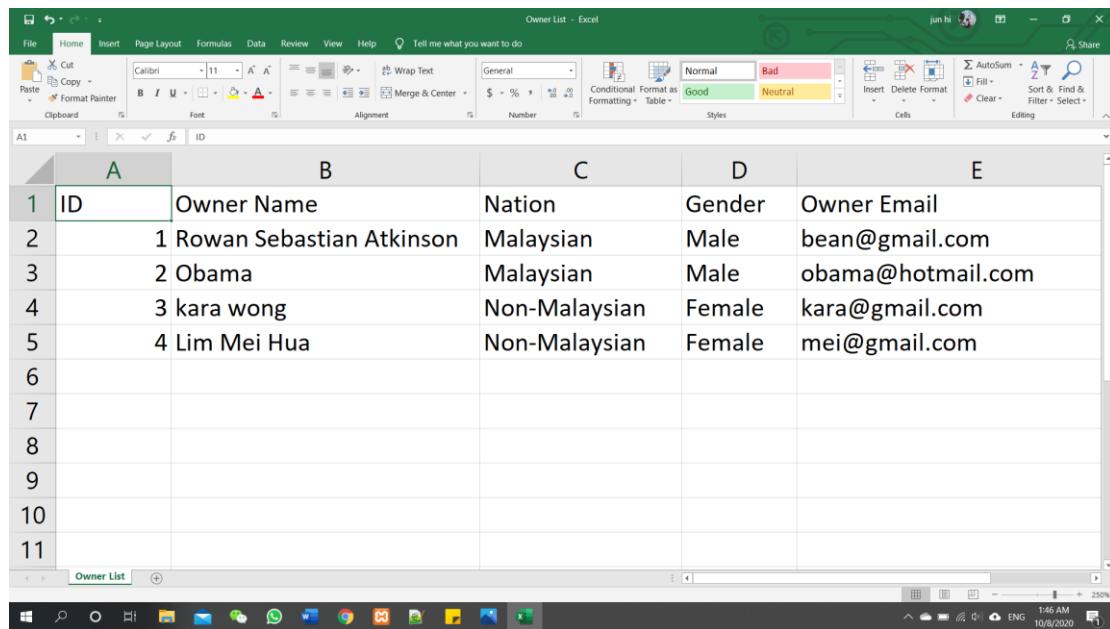
Unremove

Back

LOG OUT

Copyright © Your Website 2020

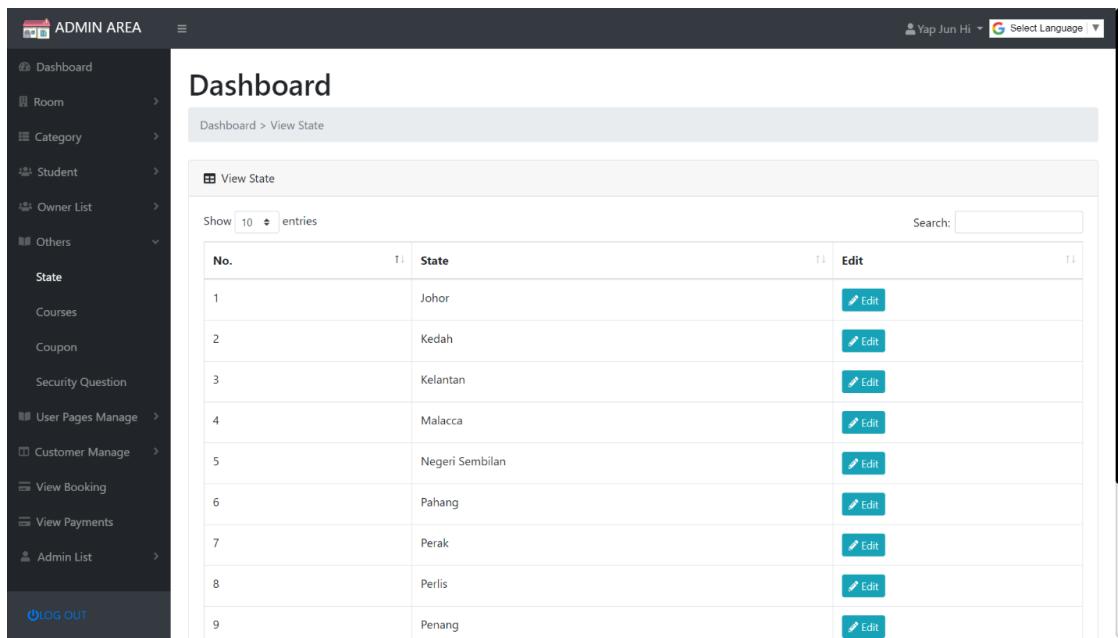
Figure 4.1.35 Owner Details (Button If Unremoved)



	A	B	C	D	E
1	ID	Owner Name	Nation	Gender	Owner Email
2	1	Rowan Sebastian Atkinson	Malaysian	Male	bean@gmail.com
3	2	Obama	Malaysian	Male	obama@hotmail.com
4	3	kara wong	Non-Malaysian	Female	kara@gmail.com
5	4	Lim Mei Hua	Non-Malaysian	Female	mei@gmail.com
6					
7					
8					
9					
10					
11					

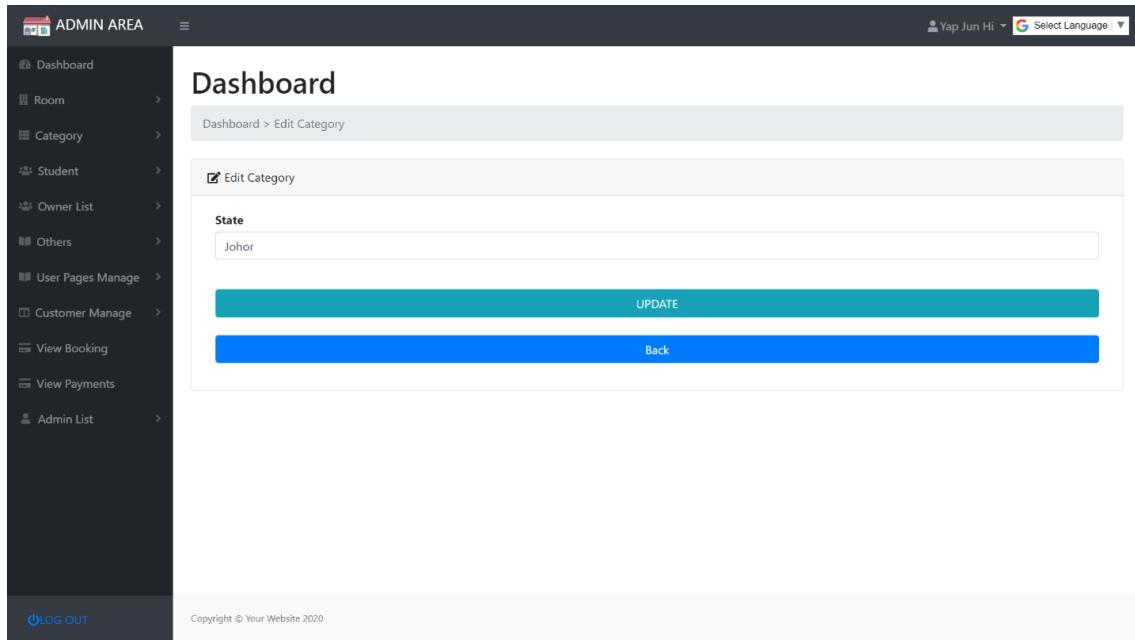
Figure 4.1.36 Student List in Excel

Admin can click generate excel button on figure 4.1.30 and it will auto generate a .csv format's excel folder to record the owner.



The screenshot shows the Admin Area Dashboard. On the left is a sidebar with various menu items: Room, Category, Student, Owner List, Others, State, Courses, Coupon, Security Question, User Pages Manage, Customer Manage, View Booking, View Payments, Admin List, and LOG OUT. The 'State' item is currently selected. The main content area is titled 'View State' and displays a table of states:

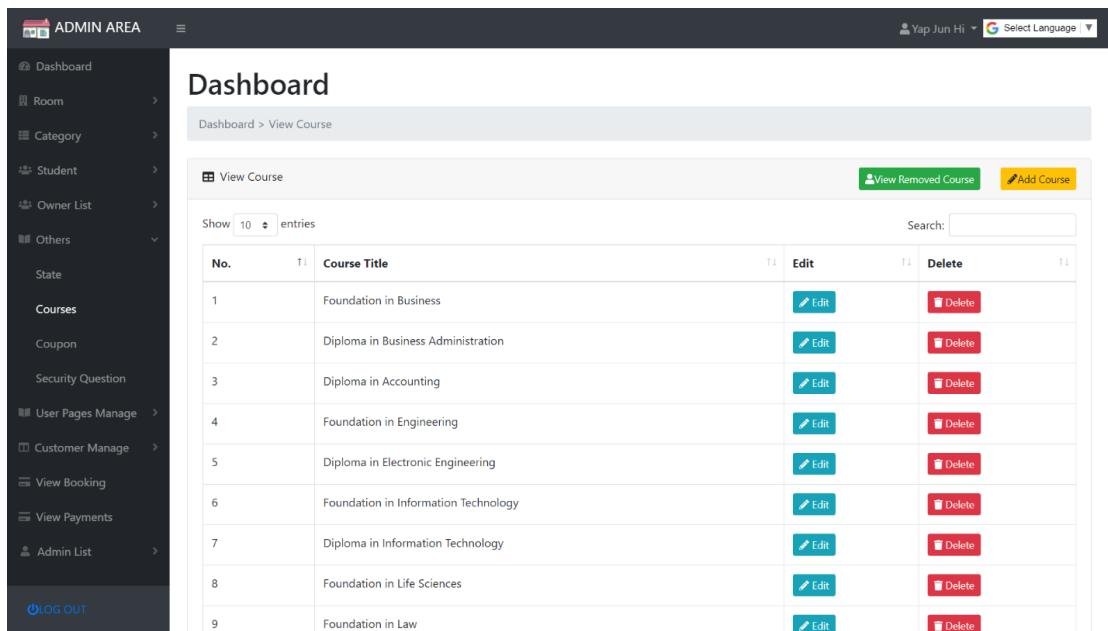
No.	State	Edit
1	Johor	
2	Kedah	
3	Kelantan	
4	Malacca	
5	Negeri Sembilan	
6	Pahang	
7	Perak	
8	Perlis	
9	Penang	

Figure 4.1.37 State List


The screenshot shows the Admin Area Dashboard. The 'Edit Category' form is open. It has a 'State' input field containing 'Johor'. Below the input field are two buttons: a teal 'UPDATE' button and a blue 'Back' button. The sidebar on the left is identical to Figure 4.1.37.

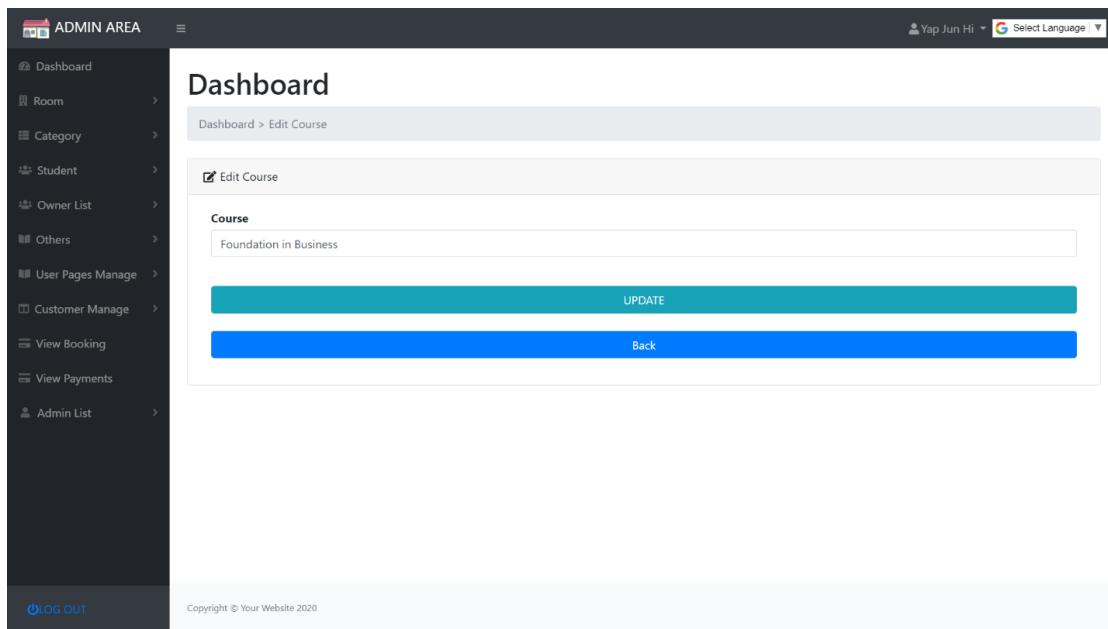
Figure 4.1.38 Edit State

Admin can just only edit the state if typing error show on figure 4.1.38.



The screenshot shows the 'View Course' section of the Admin Area. The table lists nine courses with their respective numbers and titles. Each row includes 'Edit' and 'Delete' buttons.

No.	Course Title	Edit	Delete
1	Foundation in Business		
2	Diploma in Business Administration		
3	Diploma in Accounting		
4	Foundation in Engineering		
5	Diploma in Electronic Engineering		
6	Foundation in Information Technology		
7	Diploma in Information Technology		
8	Foundation in Life Sciences		
9	Foundation in Law		

Figure 4.1.39 Student Courses List


The screenshot shows the 'Edit Course' section of the Admin Area. It contains a single input field labeled 'Course' with the value 'Foundation in Business'. Below the input field are two buttons: 'UPDATE' (in white text on a teal background) and 'Back' (in white text on a blue background).

Figure 4.1.40 Edit Course

The screenshot shows the Admin Area Dashboard. On the left is a sidebar with links: Dashboard, Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. At the top right are user information (Yap Jun Hi) and language selection. The main area is titled "Dashboard" and shows a sub-menu "View Course". A table lists one course: "Foundation in Law" with status "Unremoved". Navigation buttons include "Back to Courses" and "Add Course". Below the table are buttons for "Previous" (1), "Next", and "Showing 1 to 1 of 1 entries". The footer includes a "LOG OUT" link and copyright information.

Figure 4.1.41 Deleted Courses List

The screenshot shows the Admin Area Dashboard. The sidebar and top navigation are identical to Figure 4.1.41. The main area is titled "Dashboard" and shows a sub-menu "Add Course". A form is displayed with a checked checkbox labeled "Add Course" and a text input field labeled "Course". Below the input field is a teal "UPDATE" button. A blue "Back" button is also present. The footer includes a "LOG OUT" link and copyright information.

Figure 4.1.42 Add Course

Admin can see the courses list on figure 4.1.39 and can edit course on figure 4.1.40, add course, view removed courses list and delete course or unremoved course on figure 4.1.41 if the university didn't offer. If the courses are duplicate an alert box will display the courses are same.

No.	Coupon Title	Coupon discount	Coupon Code	Coupon Limit	Coupon Used	Admin Add	Edit	Delete
1	RAYA DISCOUNT	0.05	JOMRAYA	1000	1	Tan Xin Hui		
2	NEW USER DISCOUNT	0.05	NewUser	1000	4	Tan Xin Hui		

Figure 4.1.43 Coupon List

Figure 4.1.44 Edit Coupon

Dashboard

View Deleted Coupon

No.	Coupon Title	Coupon discount	Coupon Code	Coupon Limit	Coupon Used	Status
1	RAYA DISCOUNT	0.05	JOMRAYA	1000	1	Unremove

Showing 1 to 1 of 1 entries

Previous 1 Next

[Back to Coupon List](#)

Figure 4.1.45 Deleted Coupon List

Dashboard

View Coupon Used List

No.	Student Name	Coupon Title	Coupon discount	Code Used
1	Gan Zhi Qing	NEW USER DISCOUNT	0.05	NewUser
No.	Student Name	Coupon Title	Coupon discount	Code Used

Showing 1 to 1 of 1 entries

Previous 1 Next

[Back to Coupon List](#)

Figure 4.1.46 View Student List Used Coupon

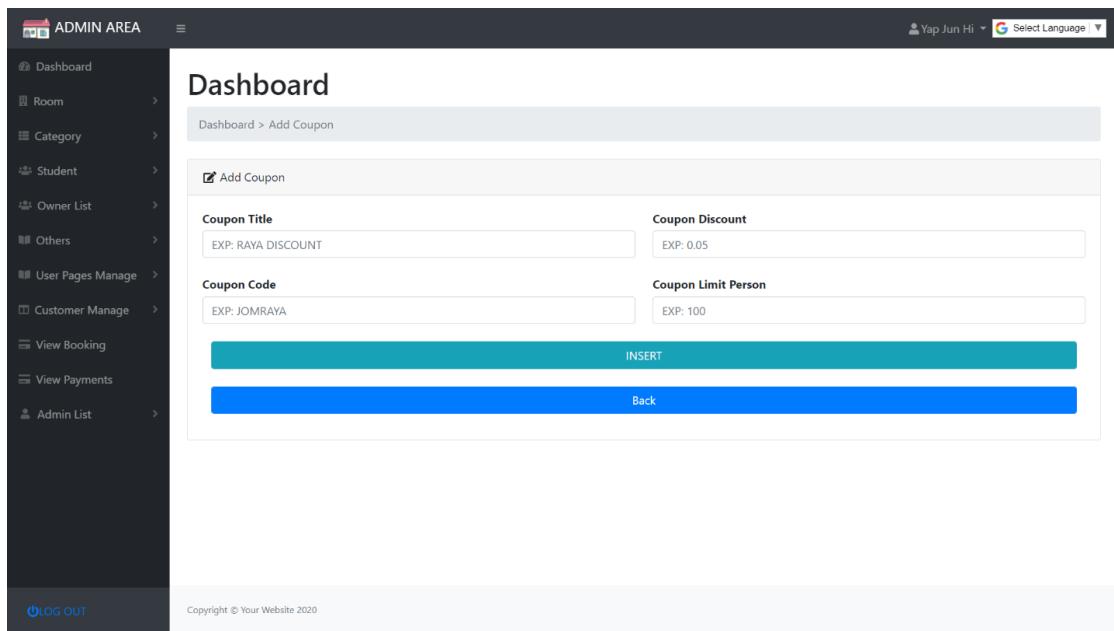
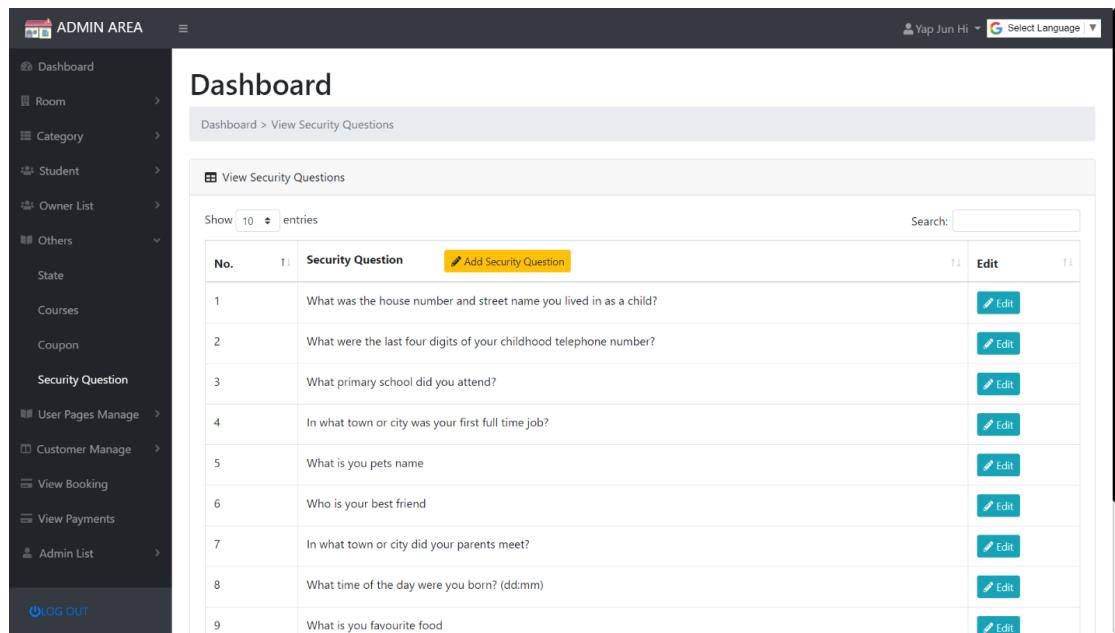


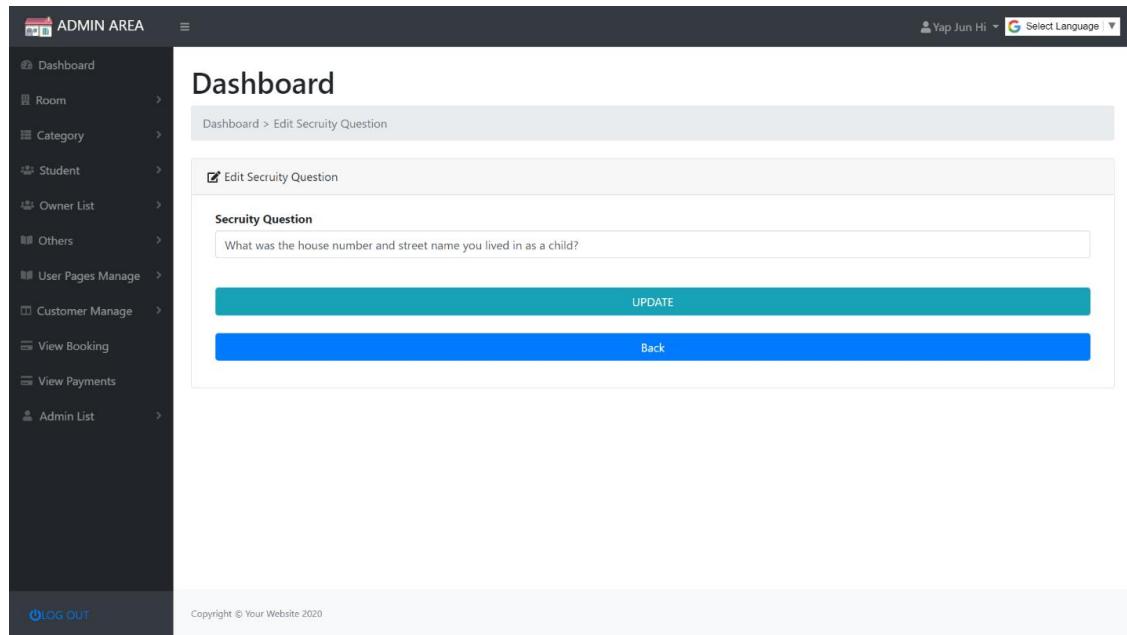
Figure 4.1.47 Add New Coupon

Figure 4.1.43 show list of coupons and will record which admin added the coupon code. Admin can click edit button and edit the details show on figure 4.1.44 and add new coupon show on 4.1.47. If coupon used equal coupon limit then student can't use the coupon. Admin also can remove the coupon show on figure 4.1.45 and view which coupon used by which student on figure 4.1.46. If the coupon title or coupon code are match with other an alert box will display details can't same with others.



The screenshot shows the Admin Area Dashboard with a sidebar on the left containing various management options like Room, Category, Student, Owner List, Others, State, Courses, Coupon, Security Question, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. The main content area is titled 'View Security Questions' and displays a table of 9 security questions. The table has columns for 'No.', 'Security Question', and 'Edit'. Each question has a corresponding 'Edit' button.

No.	Security Question	Add Security Question	Edit
1	What was the house number and street name you lived in as a child?		
2	What were the last four digits of your childhood telephone number?		
3	What primary school did you attend?		
4	In what town or city was your first full time job?		
5	What is your pets name		
6	Who is your best friend		
7	In what town or city did your parents meet?		
8	What time of the day were you born? (dd:mm)		
9	What is your favourite food		

Figure 4.1.48 Security Question List


The screenshot shows the Admin Area Dashboard with a sidebar on the left. The main content area is titled 'Edit Security Question' and contains a form with a checked checkbox labeled 'Edit Security Question'. Below it is a text input field containing the question 'What was the house number and street name you lived in as a child?'. At the bottom of the form are two buttons: a teal 'UPDATE' button and a blue 'Back' button.

Figure 4.1.49 Edit Security Question

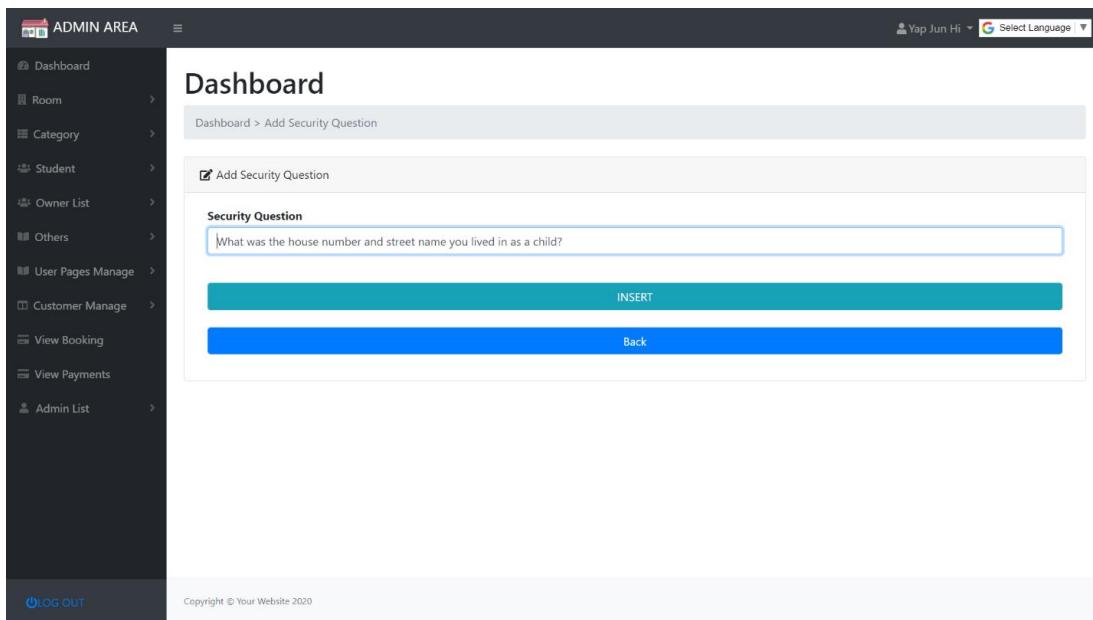


Figure 4.1.50 Add Security Question

Admin can only add the security show on figure 4.1.50 and edit the security show on figure 4.1.49 but can't delete the security question that avoid student confuse.

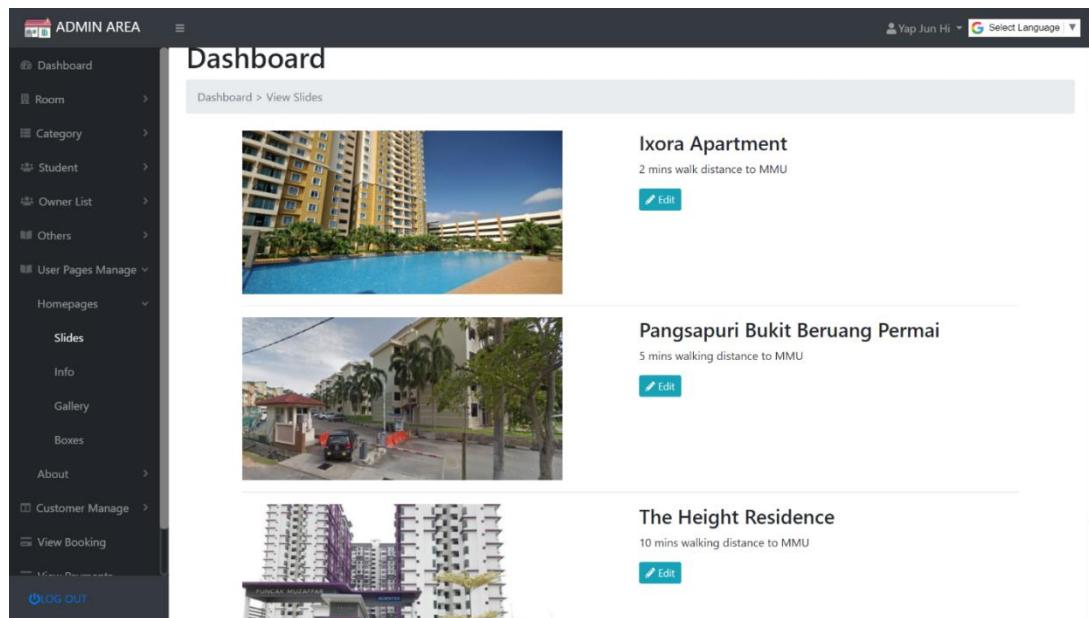


Figure 4.1.51 View Slide show on User Interface

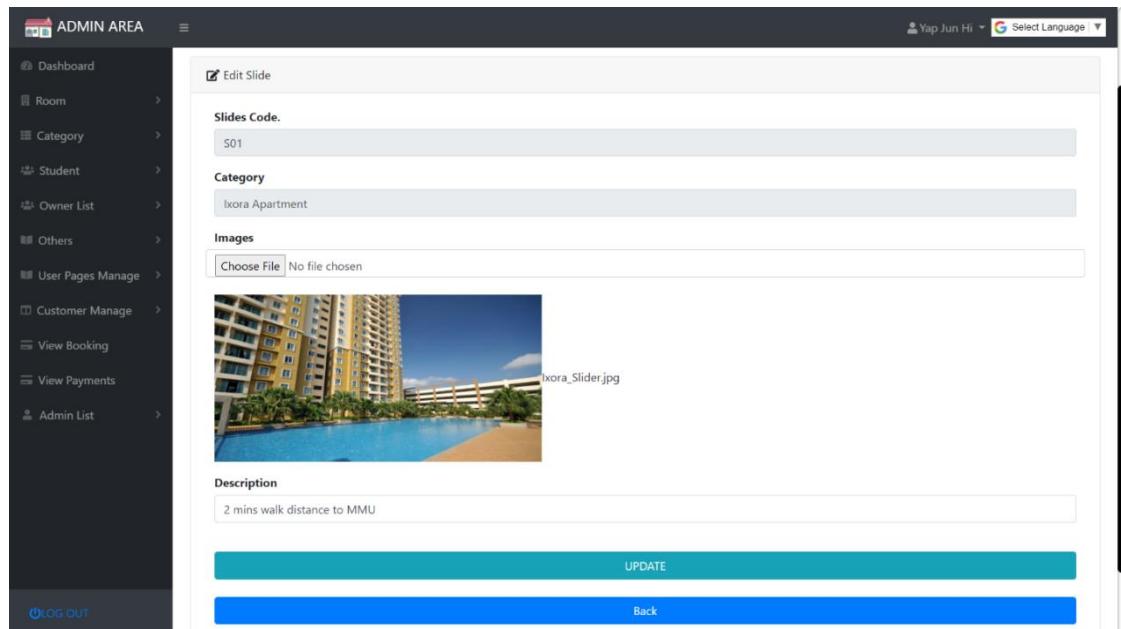


Figure 4.1.52 Edit Slide

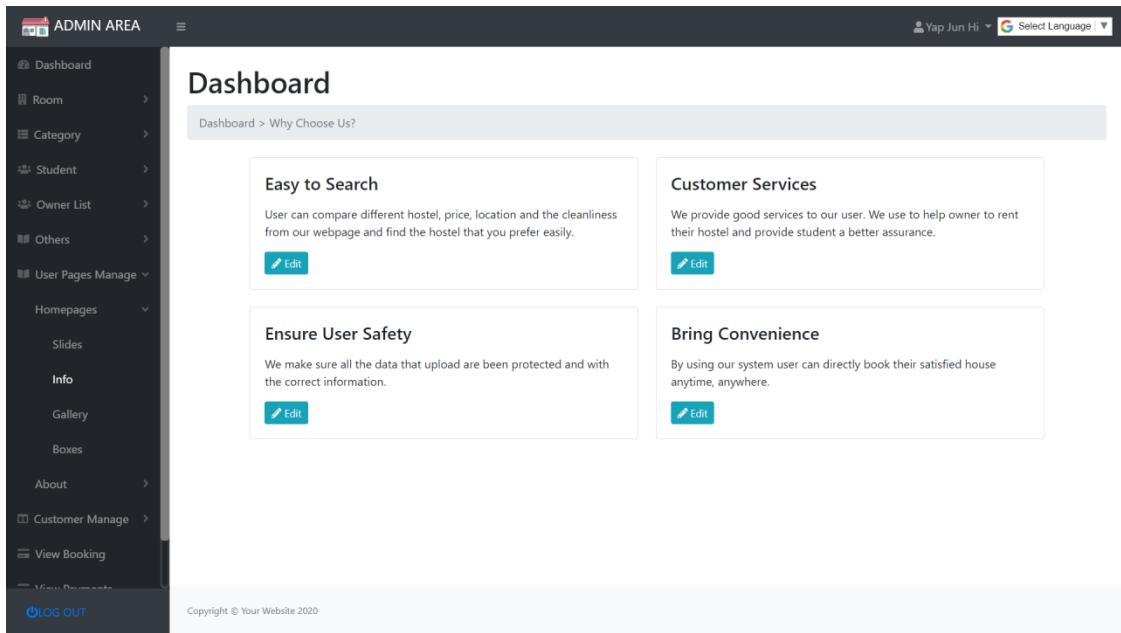


Figure 4.1.53 List Of “Why Choose Us” show on User Interface

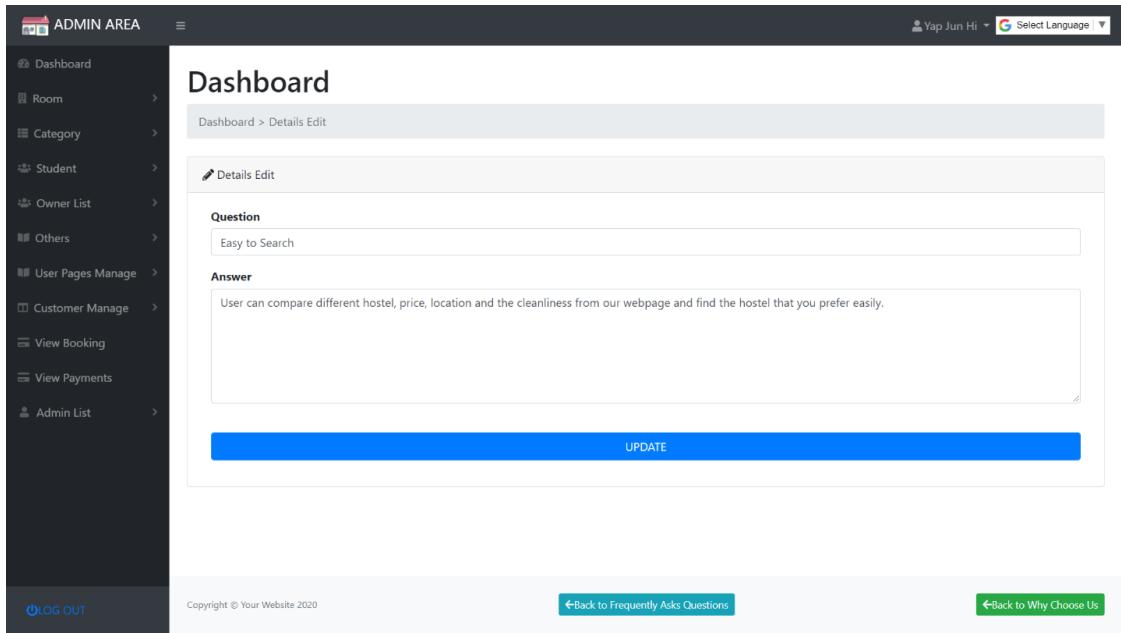


Figure 4.1.54 Edit “Why Choose Us”

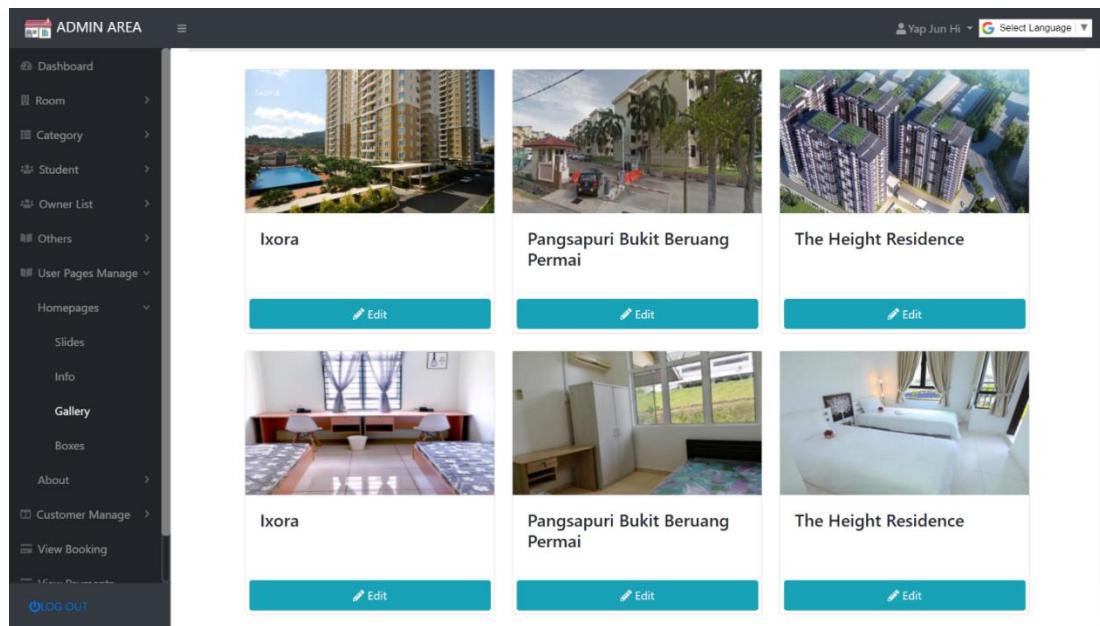


Figure 4.1.55 User Interface Gallery

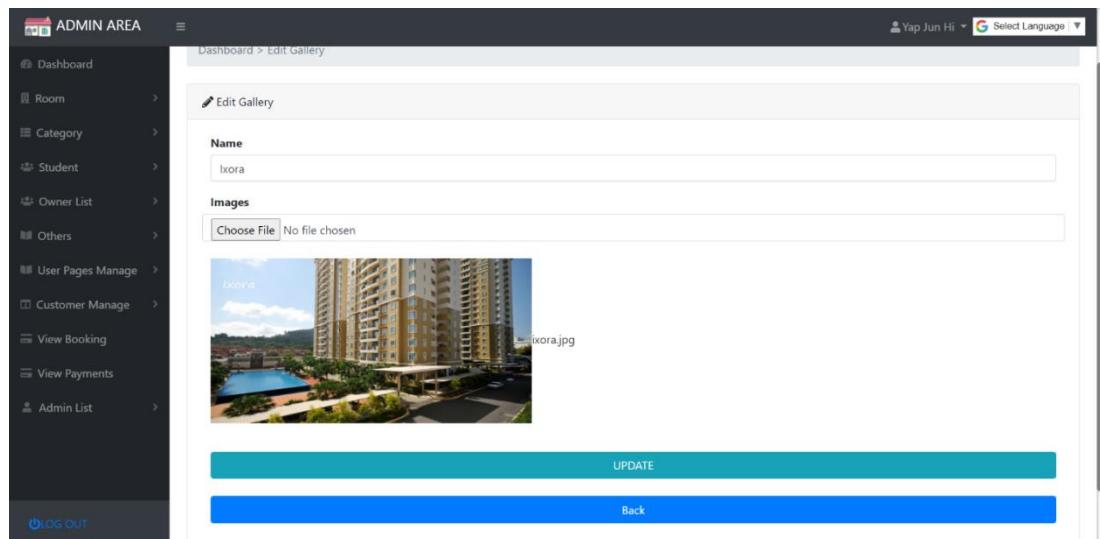
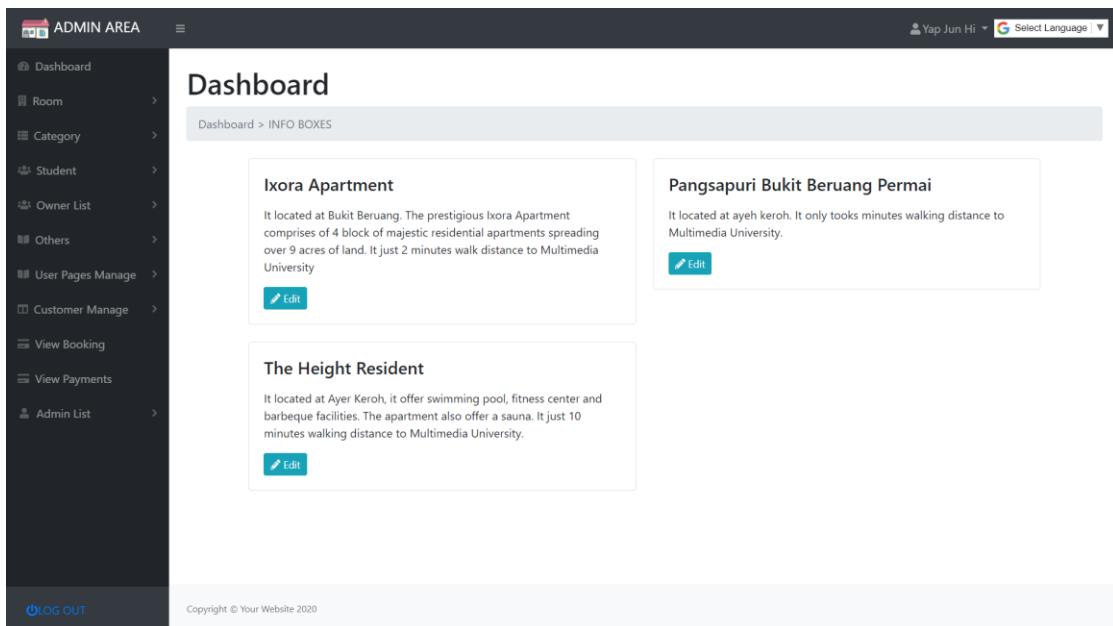
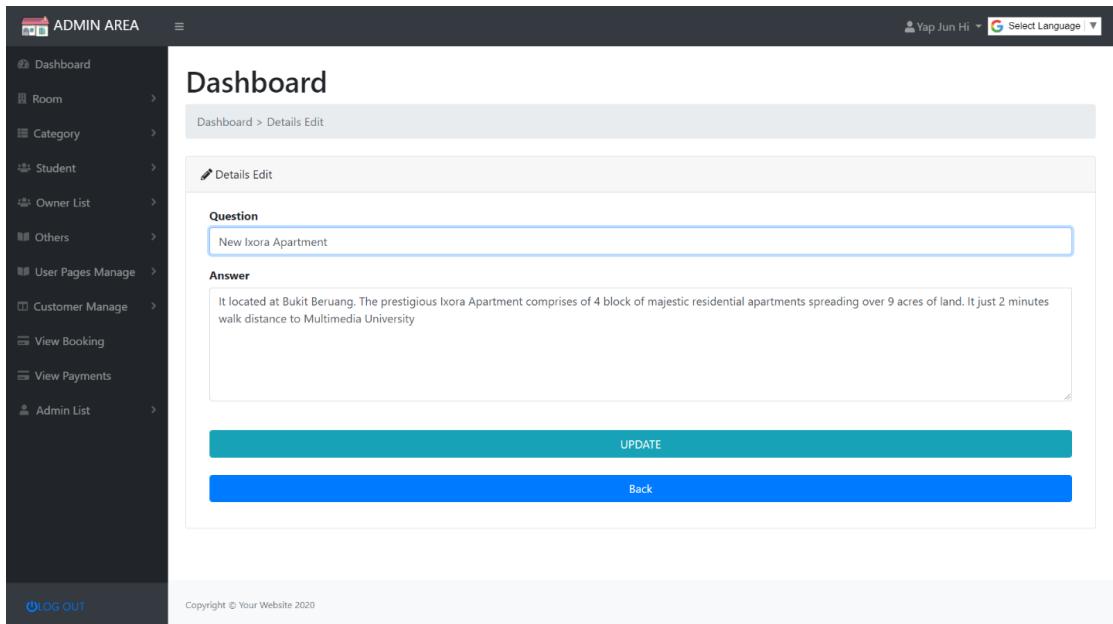


Figure 4.1.56 Edit Selected Gallery Image

**Figure 4.1.57 Info List on User Interface****Figure 4.1.58 Edit Info Details**

The screenshot shows the 'ADMIN AREA' dashboard. On the left, a sidebar lists various management options like Room, Category, Student, Owner List, Others, User Pages Manage, Homepages, About, and Frequently Question. The 'Frequently Question' option is currently selected. The main content area displays four frequently asked questions in cards:

- How Do I Pay for the hostel?**: A note about student loans and a 'Edit' button.
- What Can't I Bring to the hostel?**: A note about prohibited items and a 'Edit' button.
- Will the hostel be cleaned before my arrival?**: A detailed answer about cleanliness and damage reporting, followed by a 'Edit' button.
- Who do I contact if have problem?**: A note about contacting admins and a 'Edit' button.

At the bottom, there's a copyright notice and a 'LOG OUT' button.

Figure 4.1.59 List of Frequency Question on User Interface

This screenshot shows the 'Details Edit' page for a specific question. The sidebar and overall layout are identical to Figure 4.1.59. The main content area has a 'Details Edit' header and contains two sections:

- Question**: A text input field containing the question "Will the hostel be cleaned before my arrival????".
- Answer**: A text area containing the detailed response from Figure 4.1.59, followed by a large empty text area for a new answer.

A blue 'UPDATE' button is at the bottom. Navigation links at the bottom include 'Back to Frequently Asked Questions' and 'Back to Why Choose Us'.

Figure 4.1.60 Edit Frequency Question Details

Customer Feedback

No.	Name	Phone Number	Date & Time	Message	Delete	Status
1	Gan Zhi Qing	011235648959	2020-10-05 17:34:38	Having a good services		

Showing 1 to 1 of 1 entries

Figure 4.1.61 Customer Feedback (Show on User Interface)

Customer Feedback

No.	Name	Phone Number	Date & Time	Message	Delete	Status
1	Gan Zhi Qing	011235648959	2020-10-05 17:34:38	Having a good services		

Showing 1 to 1 of 1 entries

Figure 4.1.62 Customer Feedback (Hide in User Interface)

After customer wrote feedback it will display on user interface home page. If the student had written comment not related, admin can hide the feedback.

The screenshot shows the Admin Area dashboard. On the left is a sidebar with various management options: Dashboard, Room, Category, Student, Owner List, Others, User Pages Manage, Customer Manage, View Booking, View Payments, and Admin List. At the bottom of the sidebar is a 'LOG OUT' button. The main content area is titled 'Dashboard' and shows a sub-section 'View Contact'. It displays a table with one entry:

No.	Name	Email	Subject	Message	Email	Delete	Status
1	Gan Zhi Qing	1122@gmail.com	Seek for help	Hi may i know how can I make an appointment?	Reply	Delete	Pending

Below the table, it says 'Showing 1 to 1 of 1 entries'. At the bottom right are 'Previous' and 'Next' buttons. The top right corner shows the user 'Yap Jun Hi' and a 'Select Language' dropdown. The footer contains the copyright notice 'Copyright © Your Website 2020'.

Figure 4.1.63 Customer Contact List

The screenshot shows the Admin Area with the sidebar from Figure 4.1.63. The main content area is titled 'Dashboard > Contact Reply'. It shows a form for replying to a customer message:

- Name:** Gan Zhi Qing
- Email:** 1122@gmail.com
- Subject:** Seek for help
- Message:** Hi may i know how can I make an appointment?
- Reply Message:** Hi, admin here. Happy for helping you. For your question if u want to make an appointment you need to choose a hostel and process to booking and click make an appointment. Hope it's help for you!

At the bottom are two buttons: 'Send Mail' (in a teal box) and 'Back' (in a blue box).

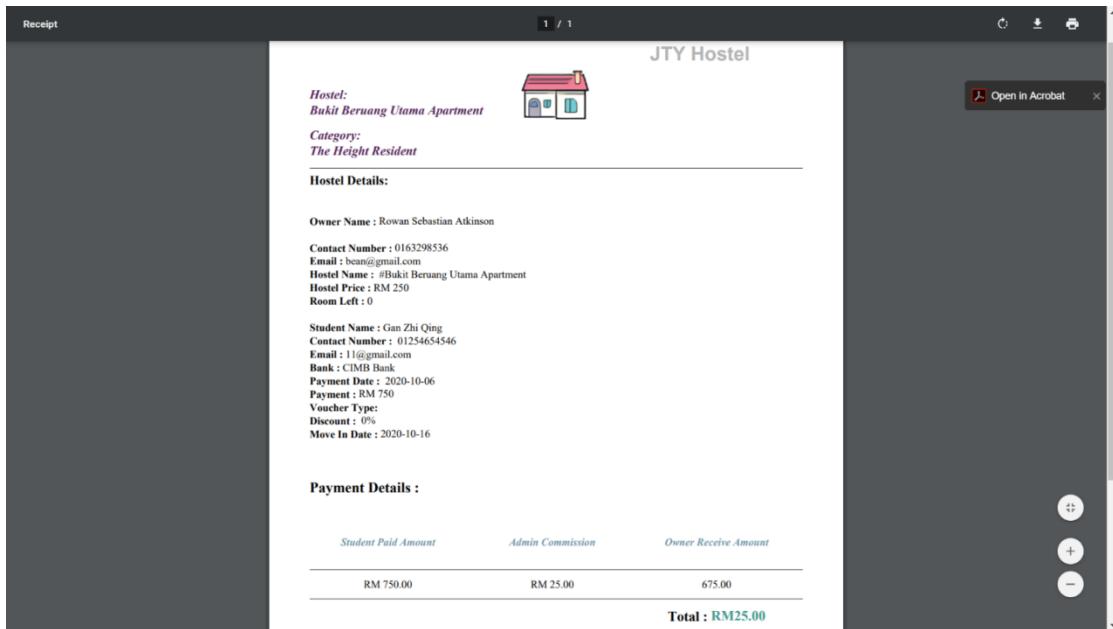
Figure 4.1.64 Reply Customer Contact Page

Admin can view contact list written by student or owner, if them had question on figure 4.3.63 and admin can reply them by email show on figure 4.3.64. If the question had settled admin can change the status from pending to done.

No.	Student Name	Room	Category	Owner	Date Book	Status
1	Gan Zhi Qing	No 245 Block A	Ixora Apartment	Rowan Sebastian Atkinson	2020-10-06	Student View Hostel
2	Gan Zhi Qing	Bukit Beruang Utama Apartment	The Height Resident	Rowan Sebastian Atkinson	2020-10-06	DONE
3	Elvin Ting Di Wei	No 245 Block A	Ixora Apartment	Rowan Sebastian Atkinson	2020-10-06	Student View Hostel
4	Elvin Ting Di Wei	Block A No 193	Pangsapuri Bukit Beruang Permai	Rowan Sebastian Atkinson	2020-10-06	Pending
5	Elvin Ting Di Wei	A-10-B	The Height Resident	Rowan Sebastian Atkinson	2020-10-06	Student View Hostel

Figure 4.1.65 List of Booking Status of Student

ID	Student Name	Holder Name	Price (RM) Paid by student	Price (RM) Earn by JTY Hostel	Price (RM) Given by Owner	Price (RM) Discount Given	Bank	Payment Date	Print
1	Gan Zhi Qing	Gan Zhi Qing	750.00	75.00	675.00	0.00	CIMB Bank	2020-10-06	Print

Figure 4.1.66 List of Payment Record**Figure 4.1.67 Receipt in PDF View**

A	B	C	D	E	F	G	H
1	Id	Holder Name	Bank	Card Type	Payment Price(RM)	Payment Date	Move In Date
	1	Gan Zhi Qing	CIMB Bank	VISA	750	10/6/2020	10/16/2020
							1 year

Figure 4.1.68 Payment List in Excel File

Admin can view the payment list when student had paid for the hostel and click print button to view in pdf format file on figure 4.1.67 or click export payment to excel button to view the details on excel file.

Dashboard

Dashboard > Admin List

No.	Admin Name	Email	Type	View	Delete
1	Tan Xin Hui	1181201016@student.mmu.edu.my	SuperAdmin	View	Remove
2	Yap Jun Hi	1181201807@student.mmu.edu.my	SuperAdmin	View	Remove
3	Tan Jun Zhi	1181201916@student.mmu.edu.my	Admin	View	Remove

Show 10 entries Search:

No. Admin Name Email Type View Delete

Showing 1 to 3 of 3 entries Previous Next

LOG OUT Copyright © Your Website 2020

Figure 4.1.69 Admin List (Super Admin View)

Dashboard

Dashboard > View Admin

Admin Profile	
	Tan Xin Hui's Profile
Admin Name	Tan Xin Hui
Contact Number	01151036496
Email	1181201016@student.mmu.edu.my
Admin Type	SuperAdmin

Back

LOG OUT Copyright © Your Website 2020

Figure 4.1.70 Admin Details (Super Admin View)

Dashboard

Dashboard > Admin Blacklist

Admin Blacklist

No.	Admin Name	Email	View	Removed By
1	Tan Xin Hui	1181201016@student.mmu.edu.my	View	Yap Jun Hi
2	Tan Jun Zhi	1181201916@student.mmu.edu.my	View	Yap Jun Hi

No. Admin Name Email View Removed By

Showing 1 to 2 of 2 entries

Previous 1 Next

LOG OUT

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Figure 4.1.71 Deleted Admin List (Super Admin View)

Dashboard

Dashboard > View Admin

Admin Profile

Tan Xin Hui's Profile

Admin Name	Contact Number
Tan Xin Hui	01151036496
Email	Admin Type
1181201016@student.mmu.edu.my	SuperAdmin

[Unremove](#)

[Back](#)

LOG OUT

Copyright © Your Website 2020

Figure 4.1.72 Removed Admin Profile (Super Admin View)

The screenshot shows the 'Add Admin' form within the 'Dashboard' section of the Admin Area. The form fields are as follows:

- Admin Name:** JUNHI
- Admin Gender:** Male (radio button selected)
- Admin Phone Number:** 0123456789
- Admin Email:** 1181201807@student.nmu.edu.my
- New Password:** 123.Qwer (with a note: At least 8 characters, including uppercase, lowercase letters, numbers and punctuation mark)
- Confirm Password:** 123.Qwer (with a note: Password and confirmation must match)
- Show Password:** Two checkboxes, one for each password field.

At the bottom are two buttons: 'Submit' (in a teal bar) and 'Back' (in a blue bar).

Figure 4.1.73 Insert New Admin (Super Admin View)

Only Super Admin can view admin list show on figure 4.1.69. The action can do by super admin is can view admin details by click view button, remove admin by click remove button, add new admin by click add new admin button and view deleted admin list by click deleted admin list button. Super Admin can change the position from super admin to admin or admin to super admin but super admin can't delete own self or downgrade own position.

Figure 4.1.71 show the list of deleted admin list and will record which super admin was delete show on figure 4.1.71, if super admin needs to unremoved admin then click unremoved button show on figure 4.1.72. Super admin can view the admin details show on figure 4.1.70.

Figure 4.1.73 show only super admin can register new admin and the name, phone number, email can't same with others admin else an alert box with display.

Dashboard

Admin List

No.	Admin Name	Email	Type	View	Delete
1	Tan Xin Hui	1181201016@student.mmu.edu.my	SuperAdmin	View	Remove
2	Yap Jun Hi	1181201807@student.mmu.edu.my	SuperAdmin	View	Remove
3	Tan Jun Zhi	1181201916@student.mmu.edu.my	Admin	View	Remove
4	JUN JUN	1181201807111@student.mmu.edu.my	Admin	View	Remove

Showing 1 to 4 of 4 entries

LOG OUT

Figure 4.1.74 Dropdown Bar of Admin Pages

If admin click logout button the system will logout and can't to click previous button.

ADMIN AREA

Admin

Admin Name: Tan Jun Zhi

Email Adress: 1181201916@student.mmu.edu.my

Phone Number: 0163298536

Total Room Available by Category In Pie Chart

Category	Percentage
Ihora Apartment	33.3%
Pangsapuri Bukit Beruang Pemai	22.2%
The Height Resident	22.2%
Other	22.2%

Figure 4.1.75 Dashboard of Normal Admin

Figure 4.1.75 show normal admin interface the different between admin and super admin is admin can't manage admin list.

Part V:

System Testing

5.1 System Testing

5.1.1 Student Testing

Test ID	Test Case	Expected Result	Actual Result	Status
1	<p><u>Register:</u> Enter valid personal information. Click “Sign Up” button.</p>	<ul style="list-style-type: none"> • Student should be able to register to the system. 	<ul style="list-style-type: none"> • Student is able to register to the system. 	Pass
2	<p><u>Login:</u> Enter valid username and valid password. Click “Login” button.</p>	<ul style="list-style-type: none"> • Student should be able to login to the system. • The system should display home page with the name of the student. 	<ul style="list-style-type: none"> • Student is able to login. • Home page with name of student is displayed. 	Pass
3	<p><u>Login:</u> Enter invalid username and invalid password. Click “Login” button.</p>	<ul style="list-style-type: none"> • Student should not be able to login to the system. 	<ul style="list-style-type: none"> • Student is unable to login. 	Pass
4	<p><u>Forgot Password (Email):</u></p>	<ul style="list-style-type: none"> • Student should be able to receive email to 	<ul style="list-style-type: none"> • Student has received email and able to 	Pass

	<i>Enter valid email. Click “Send” button.</i>	<i>reset password.</i>	<i>reset password.</i>	
5	<i><u>Forgot Password</u></i> <i>(Security Question):</i> <i>Enter valid email, correct security question and answer.</i> <i>Click “Submit” button.</i>	<ul style="list-style-type: none"> • Student should be able to reset password. 	<ul style="list-style-type: none"> • Student is able to reset password. 	Pass
6	<i><u>Add to & remove from Wishlist:</u></i> <i>Add the hostel to wishlist.</i> <i>Click “Add to Wishlist” to add into wishlist & “Remove Hostel” button to remove from wishlist</i>	<ul style="list-style-type: none"> • Student should be able to add hostel into wishlist. • Student should be able to remove hostel from wishlist. 	<ul style="list-style-type: none"> • Student is able to add hostel into wishlist. • Student is able to remove hostel from wishlist. 	Pass
7	<i><u>Add to & Remove from Cart:</u></i> <i>Add the hostel to and remove hostel from cart.</i>	<ul style="list-style-type: none"> • Student should be able to add hostel into cart. • Student should be able to remove hostel 	<ul style="list-style-type: none"> • Student is able to add hostel into cart. • Student is able to remove hostel 	Pass

	<i>Click "Add to Cart" & "Remove Hostel" button.</i>	<i>from cart.</i>	<i>cart.</i>	
8	<p><u>Filter:</u> <i>Filter the type of apartment.</i> <i>Click the apartment name to filter.</i></p>	<ul style="list-style-type: none"> • Student should only able to view one type of apartment. 	<ul style="list-style-type: none"> • Student is only able to view one type of apartment. 	Pass
9	<p><u>Make & Cancel Appointment:</u> <i>Enter correct information.</i> <i>Click "Submit Appointment" & "Cancel Appointment" button.</i></p>	<ul style="list-style-type: none"> • Student should be able to make appointment. • Student should be able to cancel appointment. 	<ul style="list-style-type: none"> • Student is able to make appointment. • Student is able to cancel appointment. 	Pass
10	<p><u>Booking & Cancel Hostel:</u> <i>Book hostel and cancel booking.</i> <i>Click "Check Out" & "Remove Hostel" button.</i></p>	<ul style="list-style-type: none"> • Student should be able to proceed to payment page. • Student should be able to cancel the booking. 	<ul style="list-style-type: none"> • Student is able to proceed to payment page. • Student is able to cancel the booking. 	Pass
11	<u>Use promo code</u>	<ul style="list-style-type: none"> • Student should be able to use 	<ul style="list-style-type: none"> • Student is able to use promo 	Pass

		<i>promo code which they never use before</i>	<i>code</i>	
12	<p><u>Make Payment:</u></p> <p>Enter valid information.</p> <p>Click “Pay” button.</p> <p>View receipt in PDF format after payment and Click on ‘print receipt’ button</p>	<ul style="list-style-type: none"> • Student should be able to pay for the hostel. • After payment student should be able to view receipt and receipt in PDF format 	<ul style="list-style-type: none"> • Student is able to pay for the hostel. • Student is able to view and print receipt 	Pass
13	<p><u>Purchase History:</u></p> <p>View purchase history.</p>	<ul style="list-style-type: none"> • Student should be able to view the previous purchase. 	<ul style="list-style-type: none"> • Student is able to view the previous purchase. 	Pass
14	<p><u>Rating:</u></p> <p>Insert rating.</p> <p>Click ”Submit Rating” button.</p>	<ul style="list-style-type: none"> • Student should be able to rate for the hostel. 	<ul style="list-style-type: none"> • Student is able to rate for the hostel. 	Pass
15	<p><u>View & edit profile;</u></p> <p>Edit student’s information in profile.</p> <p>Click “Edit Profile” button.</p>	<ul style="list-style-type: none"> • Student should be able to view and edit information in the profile. 	<ul style="list-style-type: none"> • Student is able to view and edit information in the profile. 	Pass

16	<p><u>Contact Admin:</u></p> <p><i>Send messages to admin.</i></p> <p><i>Click “Send Message” button.</i></p>	<ul style="list-style-type: none"> • Student should be able to send message to admin. 	<ul style="list-style-type: none"> • Student is able to send message to admin. 	Pass
17	<p><u>Feedback:</u></p> <p><i>Send feedback about the system.</i></p> <p><i>Click “Send Message” button.</i></p>	<ul style="list-style-type: none"> • Student should be able to send feedback about the system. 	<ul style="list-style-type: none"> • Student is able to send feedback about the system. 	Pass
18	<p><u>Change Password:</u></p> <p><i>Change password with fulfil the requirement.</i></p> <p><i>Click “Change Password” button.</i></p>	<ul style="list-style-type: none"> • Student should be able to change password. 	<ul style="list-style-type: none"> • Student is able to change password. 	Pass
19	<p><u>View Security Question:</u></p> <p><i>View security question.</i></p>	<ul style="list-style-type: none"> • Student should be able to view security questions. 	<ul style="list-style-type: none"> • Student is able to view security questions. 	Pass
20	<p><u>Logout:</u></p> <p><i>Logout from the system.</i></p> <p><i>Click “Logout”</i></p>	<ul style="list-style-type: none"> • Student should be logout from the system. • After logout, 	<ul style="list-style-type: none"> • Student is logged out from the system. • After logout, 	Pass

	<i>button.</i>	<i>student unable to access to the previous page of the system.</i>	<i>student unable to access to the previous page of the system.</i>	
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Table 5.1.1.1: Student Part Test Plan

5.1.2 5.1.2 Owner Testing

Test ID	Test Case	Expected Result	Actual Result	Status
1	<p><u>Register:</u></p> <p>Enter valid personal information.</p> <p>Click “Sign Up” button.</p>	<ul style="list-style-type: none"> Owner should be able to register to the system. 	<ul style="list-style-type: none"> Owner is able to register to the system. 	Pass
2	<p><u>Login:</u></p> <p>Enter valid username and valid password.</p> <p>Click “Login” button.</p>	<ul style="list-style-type: none"> Owner should be able to login to the system. The system should display dashboard with the name of the owner . 	<ul style="list-style-type: none"> Owner is able to login. Dashboard with name of owner is displayed. 	Pass
3	<p><u>Login:</u></p> <p>Enter invalid username and invalid password.</p> <p>Click “Login” button.</p>	<ul style="list-style-type: none"> Owner should not be able to login to the system. 	<ul style="list-style-type: none"> Owner is not able to login. 	Pass
4	<p><u>Forgot Password (Email):</u></p> <p>Enter valid email.</p>	<ul style="list-style-type: none"> Owner should be able to receive email to reset 	<ul style="list-style-type: none"> Owner has received email and able to reset password. 	Pass

	<i>Click “Send” button.</i>	<i>password.</i>		
5	<p><u><i>Forgot Password</i></u> <u><i>(Security Question)</i>:</u> <i>Enter valid email, correct security question and answer.</i> <i>Click “Submit” button.</i></p>	<ul style="list-style-type: none"> <i>Owner should be able to reset password.</i> 	<ul style="list-style-type: none"> <i>Owner is able to reset password.</i> 	Pass
6	<p><u><i>Insert Hostel:</i></u> <i>Insert hostel information with lowest requirement.</i> <i>Click “Add Hostel” button</i></p>	<ul style="list-style-type: none"> <i>Owner should see the hostel status shows ‘Pending’ after insert.</i> 	<ul style="list-style-type: none"> <i>Owner is able to see the hostel status - ‘Pending’ at view hostel page.</i> 	Pass
7	<p><u><i>View, edit & delete hostel:</i></u> <i>Enter hostel information with lowest requirement.</i> <i>Click “View” & “Update” & “Delete” button.</i></p>	<ul style="list-style-type: none"> <i>Owner should able to view, edit and delete hostel information.</i> 	<ul style="list-style-type: none"> <i>Owner is able to view, edit and delete hostel information.</i> 	Pass
8	<p><u><i>View & edit profile;</i></u> <i>Edit owner’s information in profile.</i></p>	<ul style="list-style-type: none"> <i>Owner should able to view and edit information in</i> 	<ul style="list-style-type: none"> <i>Owner is able to view and edit information in the profile.</i> 	Pass

	<i>Click "Update User" button.</i>	<i>the profile.</i>		
9	<p><u><i>View Appointment:</i></u> <i>Inform owner to pass key to admin.</i></p> <p><i>Click "Already Passed Key" button</i></p>	<ul style="list-style-type: none"> • Owner should be able to view appointment and inform admin that owner has passed the key. 	<ul style="list-style-type: none"> • Owner is able to view appointment and inform admin that owner has passed the key. 	Pass
10	<p><u><i>View Payment:</i></u> <i>View and print received payment slip.</i></p> <p><i>Click "Print" button.</i></p>	<ul style="list-style-type: none"> • Owner should be able to view and print received payment slip. 	<ul style="list-style-type: none"> • Owner is able to view and print received payment slip. 	Pass
11	<p><u><i>Contact Admin:</i></u> <i>Send messages to admin.</i></p> <p><i>Click "Send Message" button.</i></p>	<ul style="list-style-type: none"> • Owner should be able to send message to admin. 	<ul style="list-style-type: none"> • Owner is able to send message to admin. 	Pass
12	<p><u><i>Change Password:</i></u> <i>Change password with fulfil the requirement.</i></p> <p><i>Click "Submit" button.</i></p>	<ul style="list-style-type: none"> • Owner should be able to change password. 	<ul style="list-style-type: none"> • Owner is able to change password. 	Pass
13	<u><i>View Security</i></u>	<ul style="list-style-type: none"> • Owner should 	<ul style="list-style-type: none"> • Owner is able 	Pass

	<p><u>Question:</u></p> <p>View security question.</p> <p>Click “Back” button.</p>	<p>be able to view security questions.</p>	<p>to view security questions.</p>	
14	<p><u>Terms & Conditions,</u></p> <p><u>User Guide:</u></p> <p>View Terms & Conditions, User Guide.</p> <p>Click “Terms & Conditions” and “User Guide” button.</p>	<ul style="list-style-type: none"> • The Terms & Conditions, User Guide should pop up after owner click the buttons. 	<ul style="list-style-type: none"> • The Terms & Conditions, User Guide pop up after owner click the buttons. 	Pass
15	<p><u>Logout:</u></p> <p>Logout from the system.</p> <p>Click “Logout” button.</p>	<ul style="list-style-type: none"> • Owner should be logout from the system. • After logout, owner unable to access to the previous page of the system. 	<ul style="list-style-type: none"> • Owner is logged out from the system. • After logout, owner unable access to the previous page of the system. 	Pass

Table 5.1.2.1: Owner Part Test Plan

5.1.3 Admin Testing

Test ID	Test Case	Expected Result	Actual Result	Status
1	<p><u>Login:</u> Enter valid username and valid password. Click “Login” button.</p>	<ul style="list-style-type: none"> • Admin should be able to login to the system. • The system should display home page with the name of the admin . 	<ul style="list-style-type: none"> • Admin is able to login. • Home page with name of admin is displayed. 	Pass
2	<p><u>Login:</u> Enter invalid username and invalid password. Click “Login” button.</p>	<ul style="list-style-type: none"> • Admin should not be able to login to the system. 	<ul style="list-style-type: none"> • Admin is unable to login. 	Pass
3	<p><u>Forgot Password (Email):</u> Enter valid email. Click “Send” button.</p>	<ul style="list-style-type: none"> • Admin should be able to receive email to get a temporary password. 	<ul style="list-style-type: none"> • Admin has received email and able to use temporary password 	Pass
4	<p><u>View & approve hostel:</u> Enter hostel information with lowest</p>	<ul style="list-style-type: none"> • Admin should able to view hostel information and approve hostel 	<ul style="list-style-type: none"> • Admin is able to view hostel information and approve hostel. 	Pass

	<i>requirement.</i> <i>Click "View" & "approve" button.</i>			
5	<u><i>View & edit profile;</i></u> <i>Edit admin's information in profile.</i> <i>Click "Update Profile" button.</i>	<ul style="list-style-type: none"> • Admin should able to view and edit information in the profile. 	<ul style="list-style-type: none"> • Admin is able to view and edit information in the profile. 	Pass
6	<u><i>Approve Appointment:</i></u> <i>Approve the appointment.</i> <i>Click "Approve" & "Send Mail" button</i>	<ul style="list-style-type: none"> • Admin should be able to approve appointment and inform student that appointment has been approved. 	<ul style="list-style-type: none"> • Admin is able to approve appointment and inform student that appointment has been approved. 	Pass
7	<u><i>Approve user's Registration:</i></u> <i>Approve registration.</i> <i>Click "Approve" button</i>	<ul style="list-style-type: none"> • Admin should be able to approve student's and owner's registration. 	<ul style="list-style-type: none"> • Admin is able to approve student's and owner's registration 	Pass
8	<u><i>Remove and Unremove user:</i></u>	<ul style="list-style-type: none"> • Admin should be able to remove and unremove student 	<ul style="list-style-type: none"> • Admin is able to remove and unremove student 	Pass

	<i>Manage user.</i> <i>Click "Remove" & "Unremove" button.</i>	<i>and owner.</i>	<i>and owner.</i>	
9	<u><i>Customer Manage:</i></u> <i>Manage feedback and contact.</i> <i>Click "Delete", "Hide", "Reply" & "Pending" button.</i>	<ul style="list-style-type: none"> • Admin should be able to manage user's feedback and contact. 	<ul style="list-style-type: none"> • Admin is able to manage user's feedback and contact. 	Pass
10	<u><i>View Booking:</i></u> <i>View booking information.</i>	<ul style="list-style-type: none"> • Admin should be able to view user's booking information. 	<ul style="list-style-type: none"> • Admin is able to view user's booking information. 	Pass
11	<u><i>View Payment:</i></u> <i>View and print payment slip.</i> <i>Click "Print" button.</i>	<ul style="list-style-type: none"> • Admin should be able to view and print payment slip. 	<ul style="list-style-type: none"> • Admin is able to view and print payment slip. 	Pass
12	<u><i>Manage Admin (SuperAdmin only):</i></u> <i>Manage other admin.</i> <i>Click "Admin" &</i>	<ul style="list-style-type: none"> • Super Admin should be able to manage other admin. 	<ul style="list-style-type: none"> • Super Admin is able to manage other admin. 	Pass

	<p>“SuperAdmin” button.</p>			
13	<p><u>Remove and Unremove admin (SuperAdmin only):</u></p> <p>Manage admin.</p> <p>Click “Remove” & “Unremove” button.</p>	<ul style="list-style-type: none"> • Super Admin should be able to remove and unremove other admins. 	<ul style="list-style-type: none"> • Super Admin is able to remove and unremove other admins. 	Pass
14	<p><u>Add Admin (SuperAdmin only):</u></p> <p>Enter valid information.</p> <p>Click “Submit” button.</p>	<ul style="list-style-type: none"> • Super Admin should be able to add other admins. 	<ul style="list-style-type: none"> • Super Admin is able to add other admins. 	Pass
15	<p><u>Edit Password:</u></p> <p>Edit password with fulfil the requirement.</p> <p>Click “Update” button.</p>	<ul style="list-style-type: none"> • Admin should be able to change password. 	<ul style="list-style-type: none"> • Admin is able to change password. 	Pass
16	<p><u>View & add Security Question:</u></p> <p>View and add</p>	<ul style="list-style-type: none"> • Admin should be able to view and add security 	<ul style="list-style-type: none"> • Admin is able to view and add security questions. 	Pass

	<i>security question.</i> <i>Click “Submit” button.</i>	<i>questions.</i>		
17	<u>View & add Coupon</u> <i>View & add coupon</i>	<ul style="list-style-type: none"> • Admin should be able to view and add coupon 	<ul style="list-style-type: none"> • Admin is able to view and add coupon 	Pass
18	<u>Delete & Unremove coupon</u> <i>Delete and unremove coupon</i>	<ul style="list-style-type: none"> • Admin should be able to delete and unremove coupon 	<ul style="list-style-type: none"> • Admin is able to delete and unremove coupon 	Pass
19	<u>View & add courses</u> <i>View & add courses</i>	<ul style="list-style-type: none"> • Admin should be able to view and add course 	<ul style="list-style-type: none"> • Admin is able to view and add course 	Pass
20	<u>Delete & unremove courses</u>	<ul style="list-style-type: none"> • Admin should be able to delete and unremove courses 	<ul style="list-style-type: none"> • Admin is able to delete and unremove courses 	Pass
21	<u>Logout:</u> <i>Logout from the system.</i> <i>Click “Logout” button.</i>	<ul style="list-style-type: none"> • Admin should be logout from the system. • After logout, admin unable to access to the previous page of the system. 	<ul style="list-style-type: none"> • Admin is logged out from the system. • After logout, admin unable access to the previous page of the system. 	Pass

Table 5.1.3.1: *Admin Part Test Plan*

Part VI:

Conclusion

6.1 Conclusion

In conclusion, our system allows students to book and pay for the hostel, and make an appointment to view the hostel anytime, anywhere. This may help student to save their time from go to the office just to book their room. They could book the hostel successfully by only a few clicks in our system. Besides, the hostel owners are able to share their hostels in our system without any service charge. They can insert the hostel information in our system. Owners are able to view student's basic information who have booked their hostel. They need to pass key to admin before the appointment to let admin brings student to view the hostel. Furthermore, admin need to approve student's, owner's registration and the hostel information to make sure the hostel information doesn't include owner's contact. Admin need to manage the message and feedback which response by student and owner.

During the period we do this project, we have focus on practicing the programming language we have learned before such as PHP. Moreover, we have faced some problems when we are doing this project. For example, we have different opinions while we decided to use which platform for our web application design. By solving this problem, we have learned about teamwork and the way for finding solution has become our precious experience. These experiences can be a lesson for our future.

6.2 Future Enhancements

In future we hope that we can extend our business not only for MMU Melaka students also for student in whole Malaysia. Moreover, we also hope that we can create a live chat for our user. Nowadays, if admin have anything want to inform user they can only via email and some of the user will not check their mailbox everyday. So to make user more convenient we decided to create a live chat to lets user can contact to admin more easily. Besides, we also hope we can improve our owner part. We hope to change owner upload image to be more user friendly while owner insert their image.

Part VII:

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