

**APPENDIX A**  
**TRANSMITTAL LETTER**



April 8, 2018

Christian V. Maderazo  
DCIS Department Chairman

Good day Sir Maderazo!

We the 4<sup>th</sup> year students of BS ICT currently taking up the subject ICT 146 (Capstone Project) under the class of Ms. Angie Ceniza – Canillo would like to conduct a testing with our application called “Asa Ta Kaon” that mainly searches and filters restaurants and carenderias around the user’s location to know how many food establishments are in the user’s surroundings and they can see what their menu is and what their special dish is to our fellow DCIS classmates.

We would like to ask permission to let the DCIS students to test our system for our capstone project.

Sincerely yours,

Kenji Barral  
Stephanie Passignasigna  
Chesca Dominic Valdez  
Marnel Rosal

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Christian V. Maderazo  
DCIS Department Chairman

**APPENDIX B**  
**INTERVIEW LETTER**

November 16, 2018

To whom it may concern:

Good day!

We are 4<sup>th</sup> year ICT students from the University of San Carlos – Talamban Campus and we are developing an app called "Asa ta Kaon?" for our thesis all throughout the semester.

Our app allows users to locate your food establishment wherein they can easily search in our system and it will provide them navigation. With that, we would like to ask permission from you to allow us to add your food establishment into our system. We would also like to gather some other information like contact details, type/s of food offered and more in order to provide our users a comprehensive detail to easily locate you.

Should you have any further questions or concerns, please do not hesitate to contact us:

Stephanie Pasignasigna – 09504719114

Franchesca Valdez – 09568247830

We are grateful for your participation as it would help us a lot in completing our study.

Thank you!

Sincerely,  
"Asa ta Kaon?" Team

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☐ I understand and allow including our food establishment and its details in the app.

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Owner/Representative, Name of Establishment

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Date Signed

**APPENDIX C**  
**QUESTIONNAIRE**

## SURVEY QUESTIONNAIRE

Good Day! We are 4<sup>th</sup> year students from the Department of Computer and Information Sciences of the University of San Carlos. We would humbly like to ask for your time to answer our survey. This survey will serve as one of our documents for our Capstone Project. We assure you that the information provided will only be used for our research and would remain confidential.

**Customer's Name** (Optional): \_\_\_\_\_

**Date:** \_\_\_\_\_

1. Do you often encounter the dilemma of not knowing where to eat every time you're about to?  
\_Always  
\_Sometimes  
\_Neutral  
\_Rarely  
\_Never
  
2. Does the price of the foods from the establishment affect your decision whether you eat there or not?  
\_Always  
\_Sometimes  
\_Neutral  
\_Rarely  
\_Never
  
3. Does the quality of food served by the establishment affect your decision whether you eat there or not?  
\_Always  
\_Sometimes  
\_Neutral  
\_Rarely  
\_Never

4. Does the feedback from others about a food establishment affect your decision whether you eat there or not?

☐\_Always

☐\_Sometimes

☐\_Neutral

☐\_Rarely

☐\_Never

5. How often do you try food establishment you haven't tried before?

☐\_Always

☐\_Sometimes

☐\_Neutral

☐\_Rarely

☐\_Never

1. What kind of food establishment do you go? (restaurants/carinderia's/fast food/café/snack house) Why?

2. Based on question 1, what did you like best about their food establishment?

3. How would you rate their dishes from 1 to 4?

4. Did the food establishment have a friendly environment? ☐\_Yes ☐\_No

5. In your opinion, what factors make a food establishment's  
ambiance/environment better?

## **SURVEY QUESTIONNAIRE**

Good Day! We are 4<sup>th</sup> year students from the Department of Computer and Information Sciences of the University of San Carlos. We would humbly like to ask for your time to answer our survey. This survey will serve as one of our documents for our Capstone Project. We assure you that the information provided will only be used for our research and would remain confidential.

### **Food Establishment Owners/Managers/Crew**

**Establishment Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Name:** \_\_\_\_\_

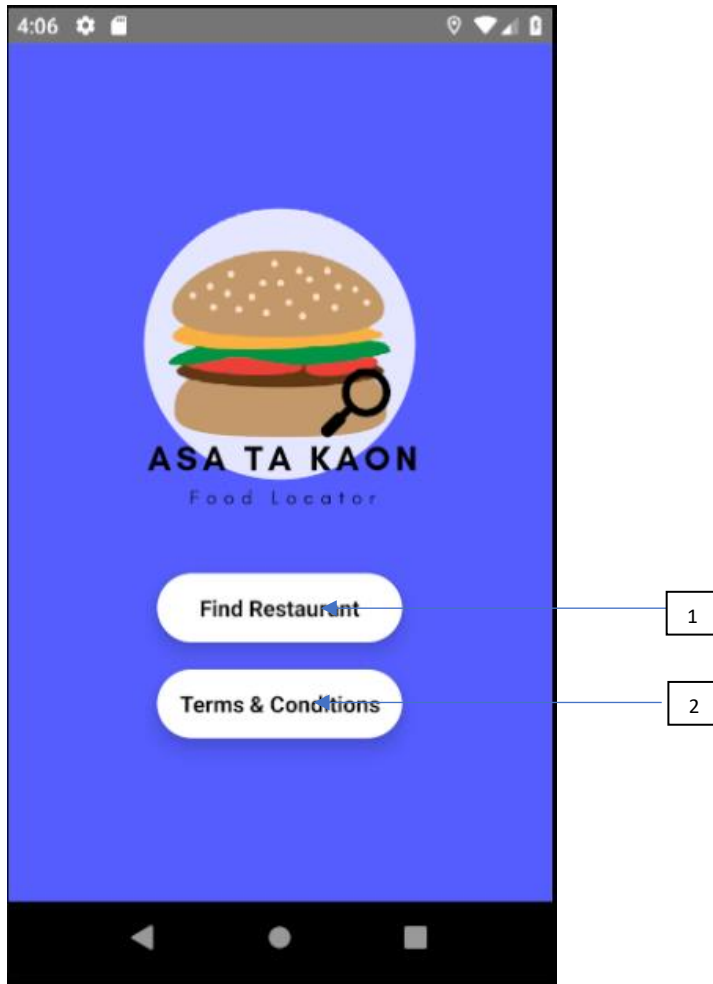
**Date:** \_\_\_\_\_

1. What is your best dish?
2. What type of food do you serve?
3. What price does your food cost?
4. What time do you open?
5. If there is an app that will help you find more customers, would you like to be in that app? Why?



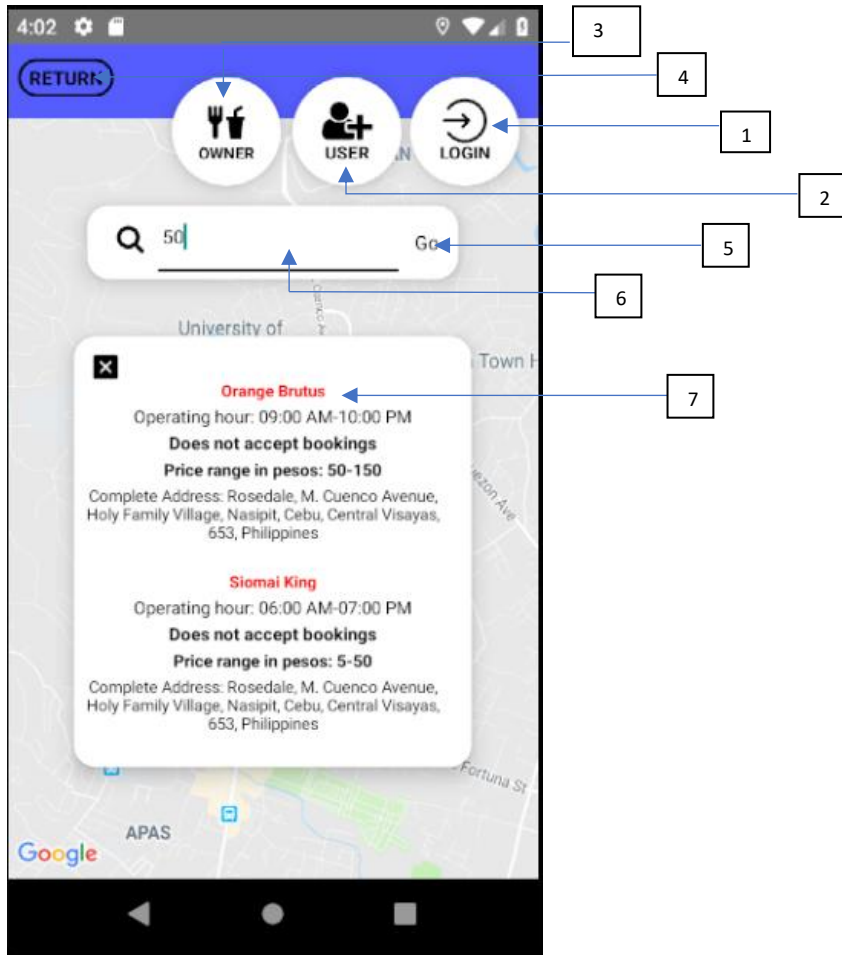
**APPENDIX D**  
**SOFTWARE REQUIREMENTS SPECIFICATIONS**

## HOMEPAGE



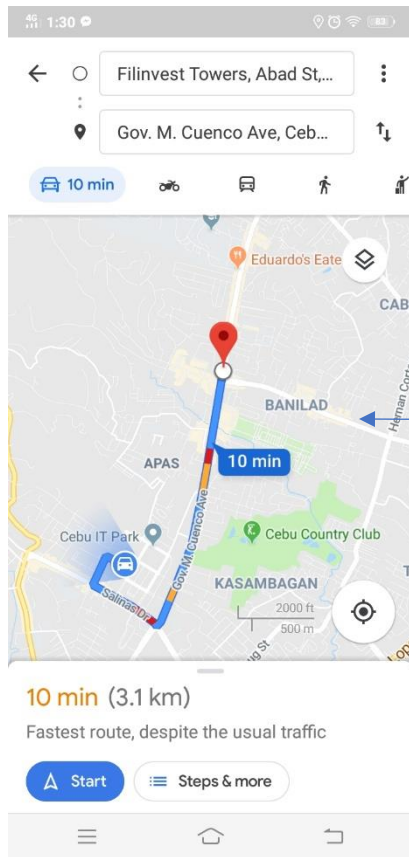
1. Find Restaurant – Main page of the application.
2. Terms & Conditions– Application's terms and conditions.

## FIND RESTAURANT



1. LOGIN – Where user log in.
2. USER – Where user registered.
3. OWNER – Where food establishment registration page.
4. RETURN - It will return to the previous page.
5. Go – searched the inputted price range of the user.
6. Search Bar - Where registered user can filter.
7. Food Establishment- Where user can choose and view different food establishment.

## NAVIGATION



1. Where User can navigate the food establishment being select.

## LOG IN

The image shows a mobile application interface for a login screen. At the top, there is a blue header bar with a 'RETURN' button on the left and a green arrow pointing left. A blue box with the number '4' has an arrow pointing to the green arrow. Below the header, the word 'LOGIN' is displayed next to a person icon. The main form is white and contains two input fields: 'USERNAME' with a person icon and 'PASSWORD' with a lock icon. A 'Submit' button is at the bottom. Three blue boxes with numbers '1', '2', and '3' have arrows pointing to the username input, password input, and submit button respectively.

142 B/s 11:27 PM

RETURN

4

LOGIN

USERNAME

INPUT USERNAME

1

PASSWORD

\*\*\*\*\*

2

Submit

3

1. USERNAME – Where the user inputs its username.
2. PASSWORD– Where the user inputs its password.
3. Submit button – The user will be directed to the user home page or to the owner home page It depends on a log in user.
4. RETURN – It will return to the previous page.

## REGISTRATION - User

The image shows a mobile application interface for user registration. At the top, there is a blue header bar with a 'RETURN' button. Below this is a white card titled 'User Registration'. Inside the card, there are several input fields and a dropdown menu, each with a numbered callout pointing to it:

- First Name**: A text input field with the placeholder 'input first name'. Callout 1 points to this field.
- Last Name**: A text input field with the placeholder 'input last name'. Callout 2 points to this field.
- Address**: A text input field with the placeholder 'input your address'. Callout 3 points to this field.
- E-mail Address**: A text input field with the placeholder 'input e-mail address'. Callout 4 points to this field.
- Gender**: A dropdown menu with 'Male' selected. Callout 5 points to this field.
- Username (minimum of 8 characters)**: A text input field with the placeholder 'create username'. Callout 6 points to this field.
- Password**: A text input field, partially visible at the bottom of the card.

At the bottom left of the registration card, there is a checkmark icon.

1. First Name – Enters the first name of a user.
2. Last Name – Enters the last name of a user.
3. Address – Enters the address of a user.
4. E-mail Address – Enters the email of a user.
5. Gender – Enters the gender of a user.
6. Username – Enters the username of a user.

## REGISTRATION – user (continuation)

The image shows a mobile application interface for user registration. At the top, there is a blue bar with a 'RETURN' button, labeled with a box containing the number 11. Below this is a white card titled 'User Registration'. Inside the card, there is a 'Gender' dropdown menu with 'Male' selected. Below the gender is a 'Username (minimum of 8 characters)' field with a placeholder 'create username'. This is followed by a 'Password' field (labeled 7) and a 'Confirm Password' field (labeled 8), both containing masked text. Below these is a checkbox labeled 'Agree to our terms of service' (labeled 9). At the bottom of the card is a 'Submit' button (labeled 10). A small downward arrow is visible at the bottom left of the card. The background is a light gray.

- 7. Password - Enters the password of a user.
- 8. Confirm Password - Enters the password of a user to check if both passwords are match.
- 9. Agree checkbox - Check if they agree to our terms of service.
- 10. Submit – The information will be submitted to the firebase.
- 11. RETURN – It will return to the previous page.

## REGISTRATION – Food Establishment

44 B/s 11:28 PM

**RETURN**

**Restaurant Owner Registration**

**Restaurant Name**  
input your restaurant

**Opening Hour**  
HH:MM(AM/PM)

**Closing Hour**  
HH:MM(AM/PM)

**E-mail Address**  
input e-mail address

**Username (minimum of 8 characters)**  
create username

**Password**  
\*\*\*\*\*

**Confirm Password**

1

2

3

4

5

6

1. Restaurant Name – Enter the name of the Food Establishment.
2. Opening Hour – Enter what time Food Establishment will open.
3. Closing Hour - Enter what time Food Establishment will close.
4. E-mail Address – Enter Food Establishment's e-mail.
5. Username – Enter Food Establishment's Username.
6. PASSWORD – Enter Food Establishment's Password.



## REGISTRATION – Food Establishment (Continuation)

RETURN 10

Restaurant Owner Registration

**E-mail Address**  
input e-mail address

**Username (minimum of 8 characters)**  
create username

**Password**  
\*\*\*\*\*

**Confirm Password**  
\*\*\*\*\* 7

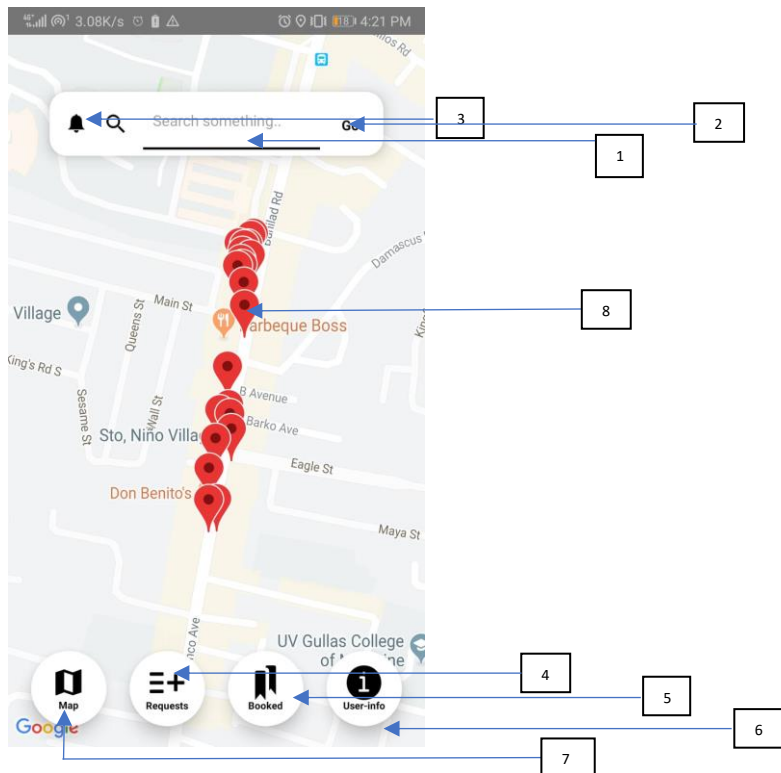
☐ Agree to our terms of service 8

Submit 9

✓

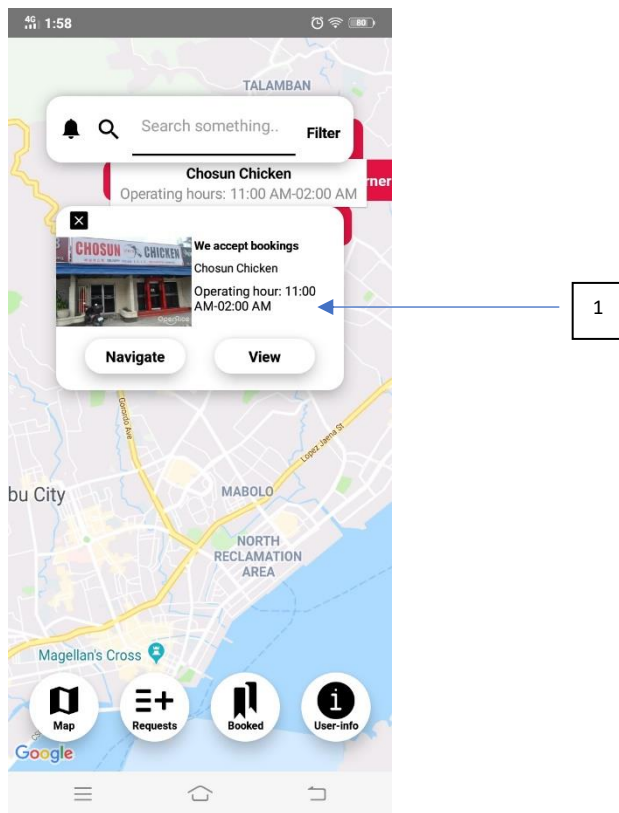
7. Confirm Password – Enter confirmation of Password.
8. Agree checkbox – Check if they agree to our terms of service.
9. Submit button – The information will be submitted to the firebase.
10. RETURN – It will return to the previous page.

## USER HOMEPAGE



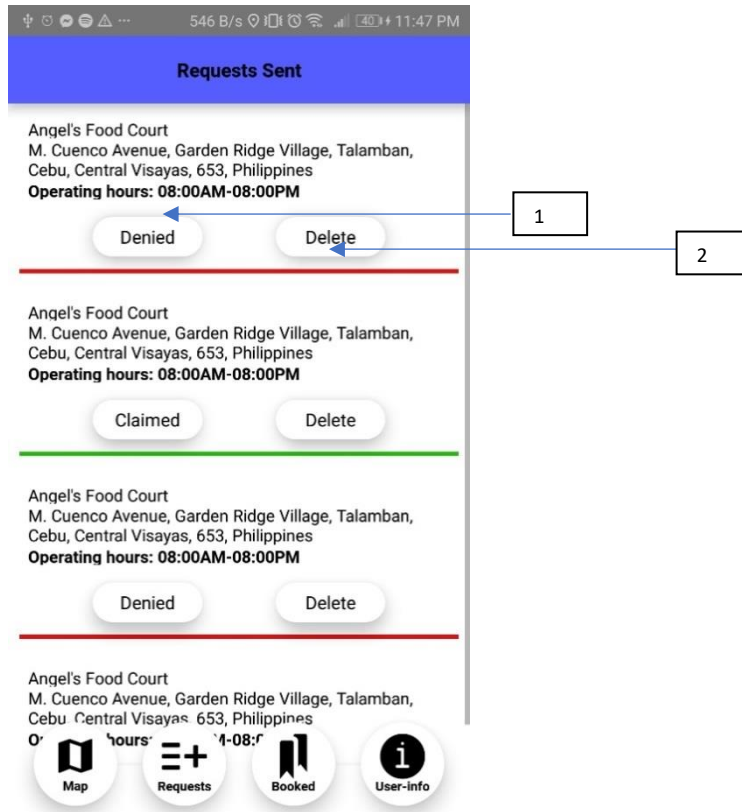
1. Search bar – Where registered user can filter.
2. Filter – Where the user will choose what type of food establishment.
3. Notification - Where user will know if the booking has been accepted or declined.
4. Request – Where the user will see the requested bookings.
5. Booked – Where the user will see the bookings made.
6. User-Info – Where the user will edit on their accounts.
7. Map – Where the user can view all the food establishment that being registered.
8. Food Establishment – Where user can choose and view information of different food establishment.

## VIEW FOOD ESTABLISHMENT



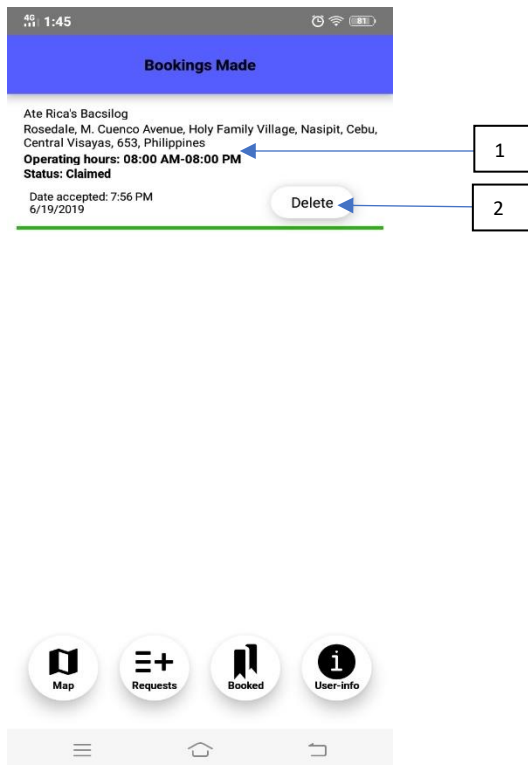
1. Where user can view or navigate food establishment that being select.

## SENT BOOKING - User



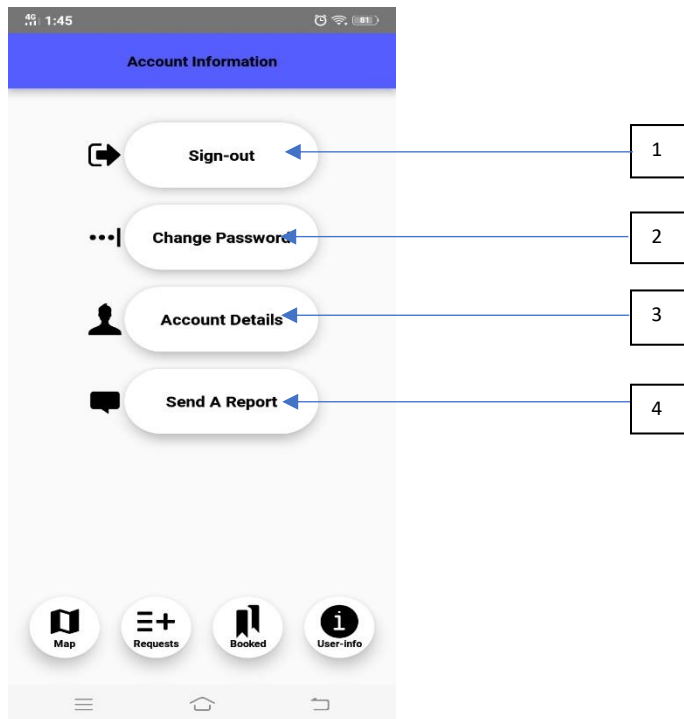
1. Status Button – Where the user will know if the booking has been claimed or declined.
2. Delete Button – Where user can delete requested bookings.

## BOOKING MADE - User



1. Where customer can view past booking that he/she made.
2. Delete Button – Where customer can delete past booking that he/she made.

## USER INFORMATION



1. Sign-out – Where user can sign out.
2. Change Password – Where user can change their password.
3. Account Details – Where user can view and edit their personal account.
4. Send A Report – where user can send his/her report.

## Send A Report

The image shows a mobile application interface for sending a report. At the top, there is a blue header bar with a 'RETURN' button on the left and the title 'Send Report' in the center. Below the header is a white rounded rectangle containing the form fields. The first field is labeled 'Report Subject' and contains the placeholder text 'Message Subject'. The second field is labeled 'Report Content' and is a larger text area. At the bottom of the form is a 'Submit' button. Four numbered callout boxes are present: box 1 points to the 'Report Subject' field, box 2 points to the 'Report Content' field, box 3 points to the 'Submit' button, and box 4 points to the 'RETURN' button in the header. The mobile status bar at the very top shows '4G', signal strength, time '1:55', and battery level '81%'.

1. Report Subject
2. Report Content
3. Submit button – Submitted to the admin page.
4. RETURN – It will return to previous page.

## Account Details

The screenshot shows an Android application interface for 'Account Details'. At the top, there is a blue header bar with a 'RETURN' button on the left and the title 'Account Details' on the right. Below the header, a white form card is displayed with the following fields: 'First name' (Ken), 'Last name' (Fiel), 'Address' (Talaman, Cebu City), 'E-mail' (kenbrian@gmail.com), and 'Gender' (Male). A 'Submit' button is located at the bottom of the form. To the right of the form, six numbered boxes (1 through 6) are connected to the form elements by blue arrows: box 1 points to the 'First name' field, box 2 points to the 'Last name' field, box 3 points to the 'Address' field, box 4 points to the 'E-mail' field, box 5 points to the 'Gender' field, and box 6 points to the 'Submit' button.

1. First Name – Enters the first name of a user.
2. Last Name – Enters the last name of a user.
3. Address – Enters the address of a user.
4. E-mail Address – Enters the email of a user.
5. Gender – Enters the gender of a user.
6. Submit – Submit edited details.

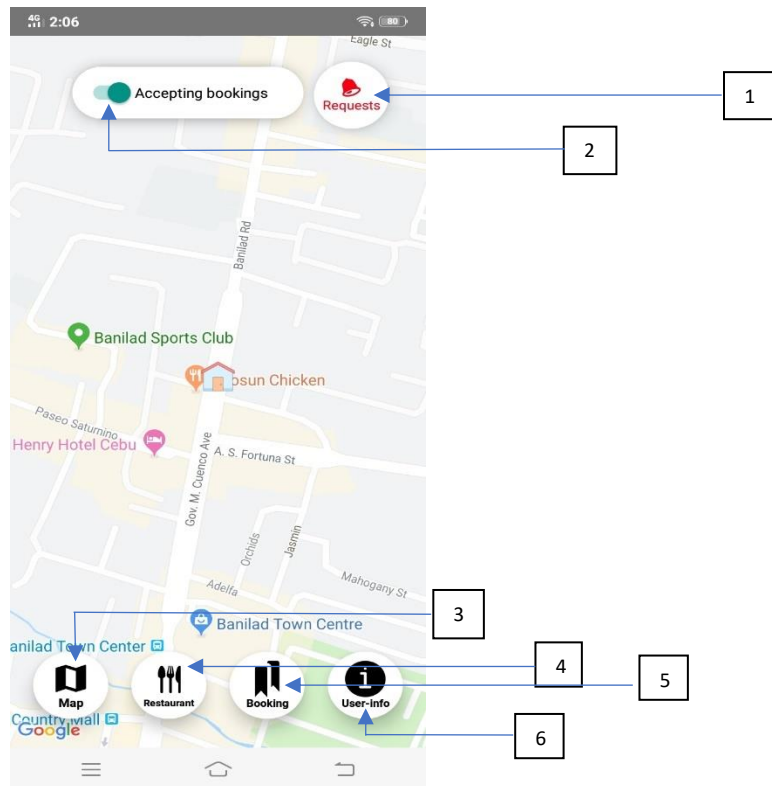


## User Change Password

The image shows a mobile application interface for changing a password. At the top, there is a blue header bar with a 'RETURN' button on the left and the title 'Change Password' in the center. Below the header is a white rounded rectangle containing the form fields. The form consists of four sections: 'Current Password' with a text input field, 'New Password' with a text input field, 'Confirm New Password' with a text input field, and a 'Submit' button at the bottom. To the right of the form, there are four numbered boxes (1, 2, 3, 4) with blue arrows pointing to the corresponding form elements: box 1 points to the 'Current Password' input, box 2 points to the 'New Password' input, box 3 points to the 'Confirm New Password' input, and box 4 points to the 'Submit' button. The top of the screen shows a status bar with various icons and the time 11:49 PM.

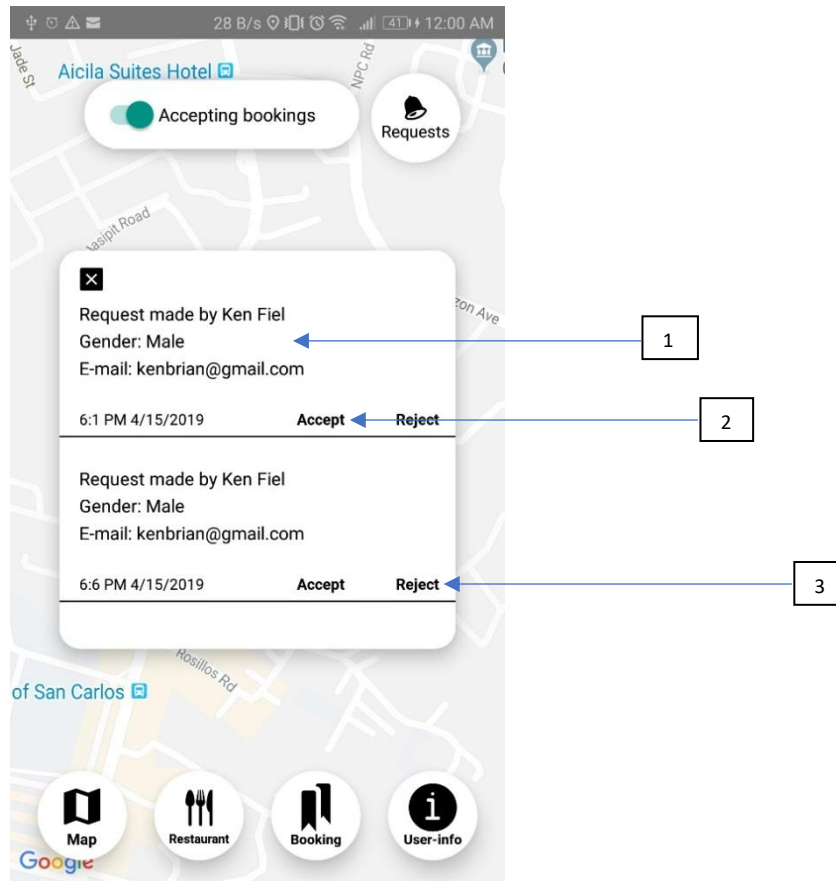
1. Current Password – Password of current account.
2. New Password – New password for current account.
3. Confirm Password – Confirmation of new password.
4. Submit – Submit edited details.

## Food Establishment Home Page



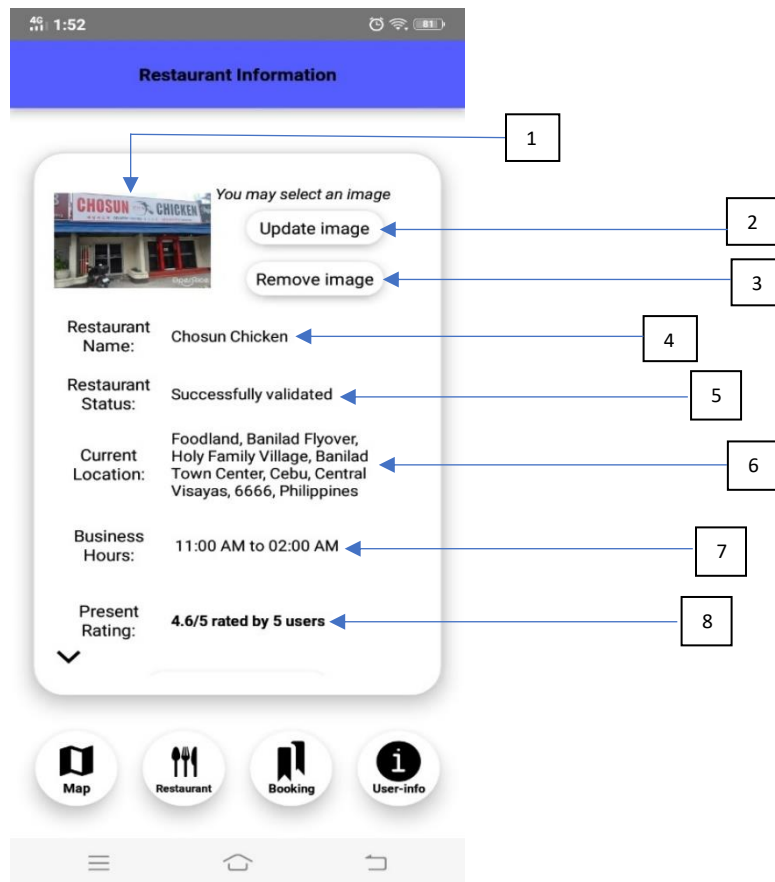
1. Accept Booking – The owner of food establishment will on if they want to accept bookings.
2. Request Icon – The owner of the food establishment can view users who have booked in their establishment and they can accept or reject the user's request.
3. Map – Establishment located.
4. Restaurant Button – Food establishment information.
5. Booking Button – History of the user's who booked in their establishment.
6. User-info Button – Food establishment account details.

## FOOD ESTABLISHMENT BOOKING



1. Request Made – The name of customer that booked in their food establishment.
2. Accept – Accepts the booking made.
3. Reject – Rejects the booking made.

## FOOD ESTABLISHMENT INFORMATION



1. Image of a food establishment – The image is displayed here.
2. Update image – Where food establishment owner will update their image.
3. Remove image – The food establishment owner will remove their image.
4. Restaurant name.
5. Restaurant status, if they are validated by the admin.
6. Current Location of an establishment.
7. Business hours of an establishment.
8. Present rating of an users.

## FOOD ESTABLISHMENT INFORMATION - Continuation



- 9. Price Range – Where the owner can place or edit their price range.
- 10. Edit Location – Where food establishment located.
- 11. Add new dish – Where food establishment can add new dish to their menu.
- 12. View Food menu – Where food establishment can view their menu.
- 13. View Feedbacks – Where the owner can view the feedback that being submitted by the customers.

## Price Range

4G 1:53

RETURN Restaurant's Price Range

Minimum Price

30

Maximum Price

250

Current Price Range: 30-250 in pesos

Submit

1

2

3

1. Minimum price – Where owner can put their lowest price.
2. Maximum price - Where owner can put their highest price.
3. Submit button – Submit price range.

1:54 Add a new dish in your menu

**Name of Dish**  
Maximum of 25 input characters only  
create name of dish

**Description**  
(Optional)Maximum of 20 input characters only  
description of your dish

**Price**  
Input price in pesos

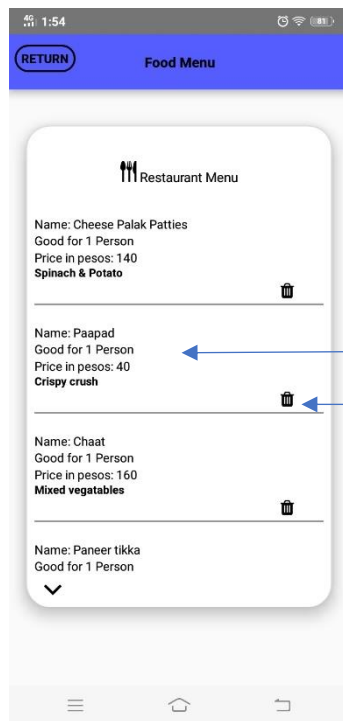
**Good for:** 1 Person

**Food type:** Vegetable

Submit

1 2 3 4 5 6

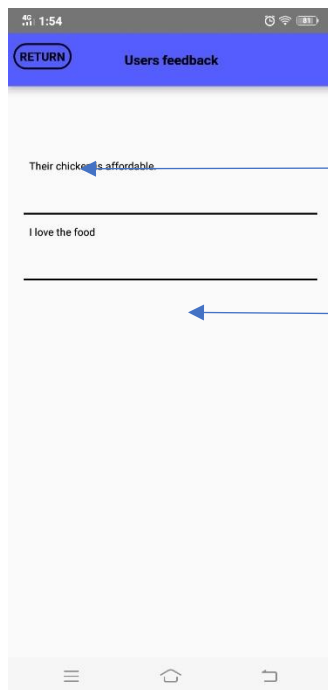
1. Name of Dish
2. Description of the dish
3. Price of the dish
4. Good for – good for 1 person, 2-3 person, 3-4 person, 5 or more person.
5. Food type – Seafood, silog, chicken, beef, pork, snacks and beverages.



## VIEW FOOD MENU

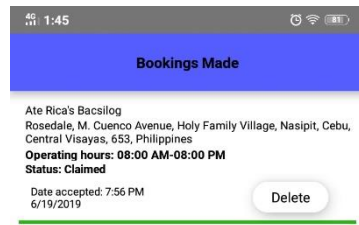
1. Food menu information.
2. Delete icon – Where owner can delete their food menu.



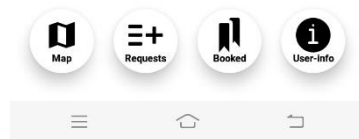
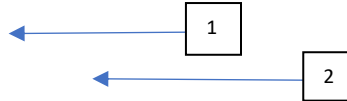


## VIEW FEEDBACK

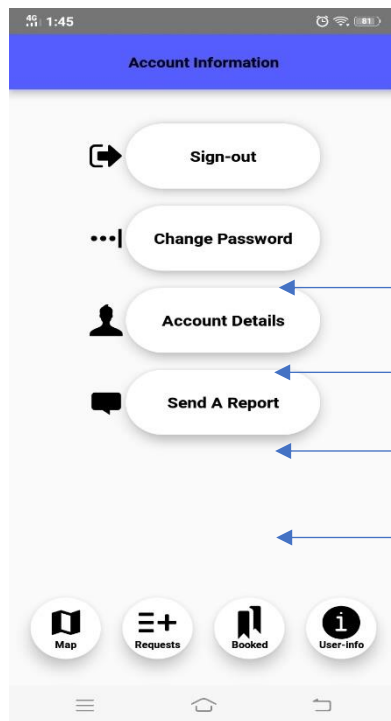
1. Feedback being submitted by the registered customers.
2. RETURN – It will return to previous page.



## FOOD ESTABLISHMENT BOOKED USER



1. Food establishment past customers booked in their establishment.
2. Delete Button – Where owner can delete past customers who booked in their establishment.



## Food Establishment Information

- 1
- 2
- 3
- 4

- 5. Sign-out – Where owner can sign out.
- 6. Change Password – Where owner can change their password.
- 7. Account Details – Where owner can view and edit their personal account.
- 8. Send A Report – where owner can send his/her report.

0 K/s 11:55 PM

**RETURN** **Account Details**

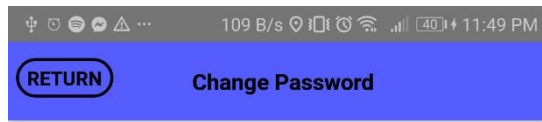
**Address** Updating here is not applicable to restaurant owners

**E-mail** angels@gmail.com

**Submit**

## FOOD ESTABLISHMENT ACCOUNT INFORMATION

1. Food Establishment address is not applicable for updating.
2. E-mail – The owner can edit their e-mail address.
3. Submit button – Submit the edited info of food establishment.
4. Return – It will return to the previous page.



## Food Establishment Change Password

**Current Password**

\*\*\*\*\*

**New Password**

\*\*\*\*\*

**Confirm New Password**

\*\*\*\*\*

**Submit**

5

1

2

3

4

1. Current Password – Password of current account.
2. New Password – New password for current account.
3. Confirm Password – Confirmation of new password.
4. Submit – Submit edited details.
5. RETURN – It will return to previous page.

The image shows a mobile application interface for sending a report. At the top, there is a blue header bar with a 'RETURN' button on the left and the title 'Send Report' in the center. Below the header, the main content area is white and contains a form. The form has a title 'Report Subject' followed by a text input field with the placeholder 'Message Subject'. Below this is a label 'Report Content' followed by a large rectangular text area. At the bottom of the form is a 'Submit' button. To the right of the form, there are four numbered boxes with arrows pointing to specific elements: box 1 points to the 'Submit' button, box 2 points to the bottom navigation bar, box 3 points to the bottom of the screen, and box 4 points to the 'Report Content' text area. The bottom of the screen shows a standard Android navigation bar with three icons: a hamburger menu, a home icon, and a back icon.

## FOOD ESTABLISHMENT SEND A REPORT

1. Report Subject – input report subject.
2. Report Content – input report content.
3. Submit button – submitted to the admin page.
4. RETURN – It will return to previous page.

## ADMIN - Homepage

The screenshot shows the 'Admin Login Page' for 'Asa-Ta-Kaon Admin'. It features a central login form with a hamburger icon and the text 'ASA TA KAON'. The form includes a 'Username' input field, a 'Password' input field, and a 'Login' button. Three numbered callouts are present: 1 points to the Username input field, 2 points to the Password input field, and 3 points to the Login button.

1. Username – input username.
2. Password – input password.
3. Login – it will directly go to dashboard.

## ADMIN – View Customer

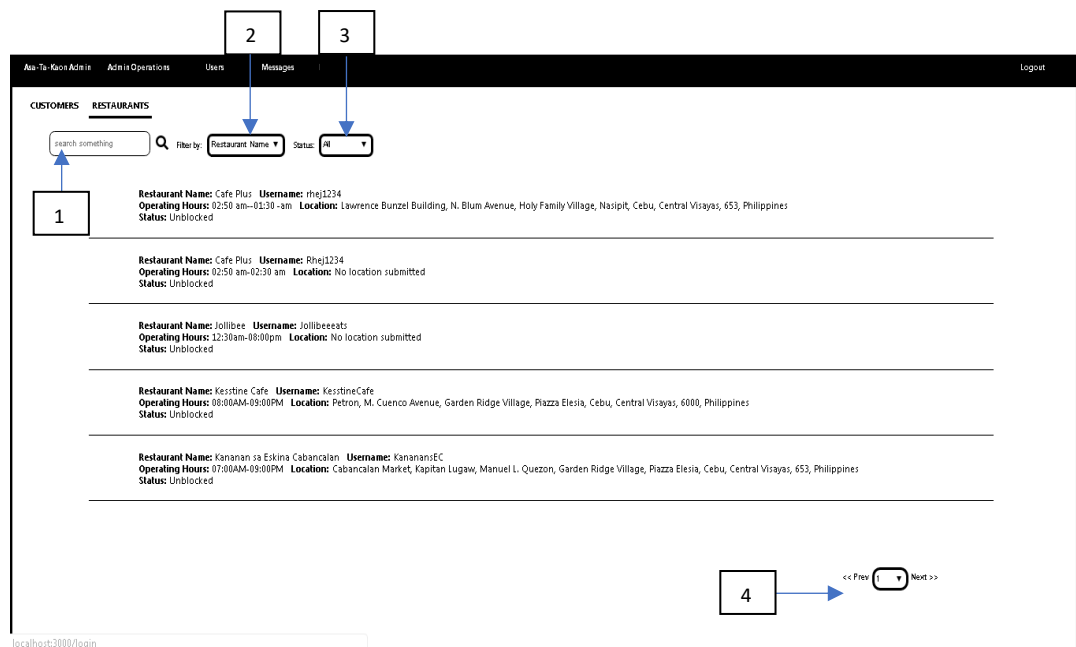
The screenshot shows the 'ADMIN – View Customer' page. The top navigation bar includes 'Asa-Ta-Kaon Admin', 'Admin Operations', 'Users', 'Messages', and 'Logout'. The 'CUSTOMERS' tab is selected, and the 'RESTAURANTS' tab is also visible. A search bar with the placeholder 'search something' and a 'Filter by: Name' dropdown are present. A list of customer records is displayed, each with fields for First Name, Last Name, Username, E-mail, and Address. A pagination control at the bottom right shows '1' selected, with 'Prev' and 'Next' buttons. Numbered callouts 1 through 7 are placed throughout the interface to highlight specific elements.

First Name	Last Name	Username	E-mail	Address	ID
Jungkook	Jeon	Jung*8\$D	jj@gmail.com	Korea	-Lhv6qBKW085HfUaJ6n
Kenji	Barral	EatEatEat	kbarral@gmail.com	Talamban, Cebu	-Lfx9VEU_sN2sUaE1tY
Step	Hanie	stephanie	stephanie@gmail.com	Nasipit Talamban, Cebu City	-LdEldy61d8GN4nScdWM
Chesca	Valdez	Chescadominic	chescadominic@gmail.com	Lahug Cebu City	-Ld87ESarS73rOy4U6nw
Angie	Ceniza	xxxxxxxxxx	ss@gmail.com	Xyz	-Lanct1lrwSRMCGApUMU

1. Customers – it will display all the registered customer.
2. Restaurant – it will display all the registered user.

3. Messages – it will display messages of send reports.
4. Filter – it will filter name and username of a customer.
5. Search Bar – it will display customer that you search for.
6. Pagination – it will be assigned to pages.
7. Logout – it will go back to log in page.

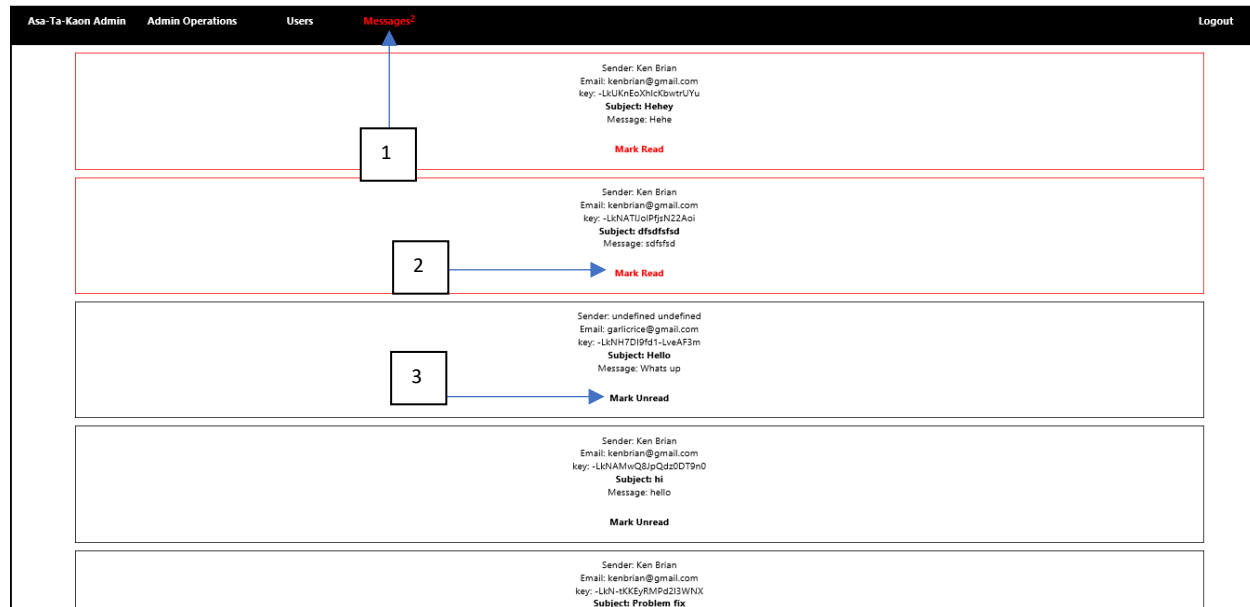
## ADMIN – View Restaurant



1. Search Bar – it will display customer that you search for.
2. Filter – it will filter restaurant name, username and address of a restaurant.
3. Status – choose all, blocked and unblocked.
4. Pagination – it will be assigned to pages.

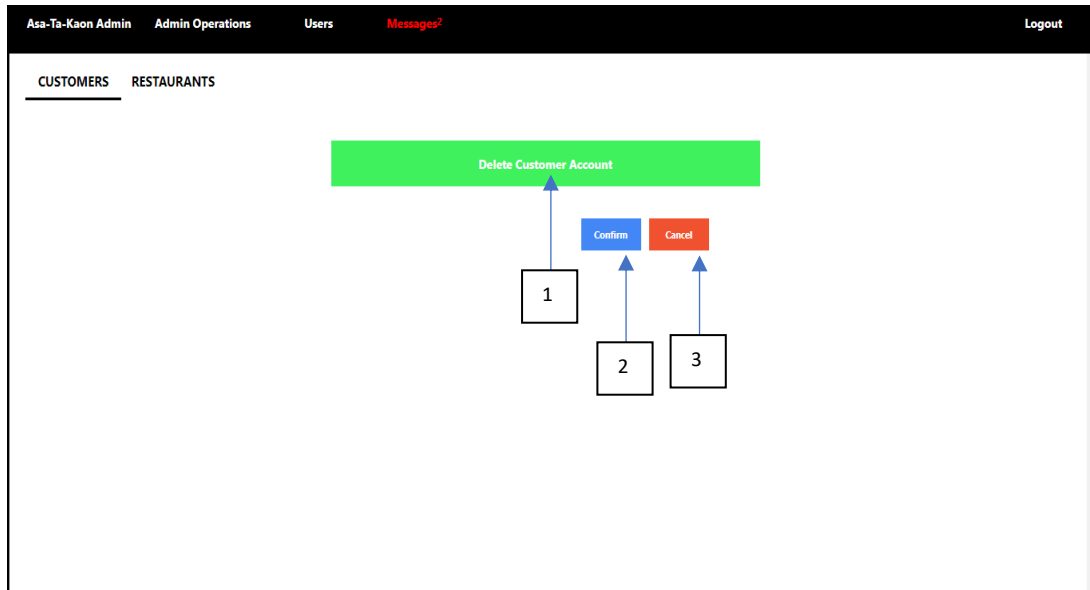


## ADMIN – View Messages



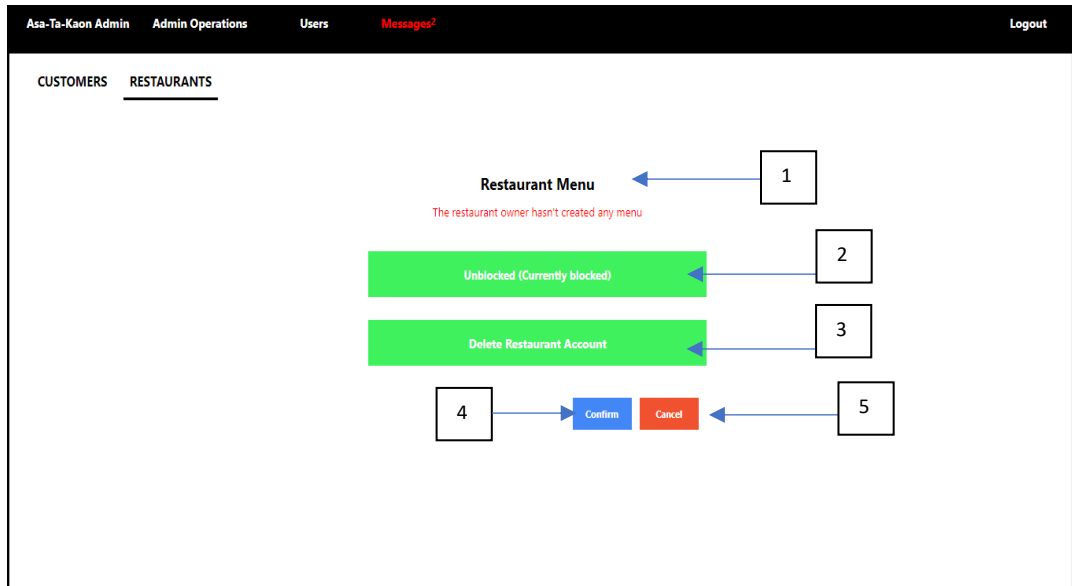
1. Messages – it will display messages of send reports.
2. Mark Read – it will change the status of the message from read to unread.
3. Mark Unread – it is the status of an old message.

## ADMIN – Delete Customer



1. Delete button – it is an option for deleting a user.
2. Confirm button – it will automatically delete the account of the user.
3. Cancel button – it will cancel the action of deleting a user.

## ADMIN – Delete Restaurant



1. Restaurant Menu – it will display the menu of the restaurant if not then it will display “The restaurant owner hasn’t created any menu”.
2. Block/ Unblock button – it will block and unblock restaurants that are new or has been blocked for other reasons.
3. Delete button – it will give you the option to delete a restaurant.
4. Confirm button – it will automatically delete the account of the user.
5. Cancel button – it will cancel the action of deleting a user.

## **APPENDIX E**

### **FUNCTIONAL REQUIREMENTS**

**"ASA TA KAON" A FOOD ESTABLISHMENT LOCATOR MOBILE  
APPLICATION**

**Functional Requirements**

Alda Zoe Kenji P. Barral

Stephanie B. Pasignasigna

Marnel M. Rosal

Franchesca Dominic E. Valdez

Approved by:

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GODWIN S. MONSERATE, MSIT

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ARCHIVAL J. SEBIAL, DIT

Module Name	Functionality
<b>Registered User Information</b>	
CREATE Module	It enable the users to create registration
READ Module	It enable the registered users to view their account details
UPDATE Module	It enables the registered users to update their account details
MAP Module	It enables the registered users to select food establishment being display and they can view the information of the food establishment
NAVIGATION Module	It enables the registered users to navigate the food establishment location
SEARCH Module	It enables the users to search the price and name of the food establishment
BOOKING Module	It enable the registered users to book their selected restaurant
COMMENT SECTION Module	It enables the registered users to comment the food establishment
RATING Module	It enable the registered users to rate the food establishment
<b>Non-Registered User Information</b>	
MAP Module	It enables the non-registered users to select food establishment being display and they can view the information of the food establishment
NAVIGATION Module	It enables the non-registered users to navigate the food establishment location
SEARCH Module	It enables the non-registered to search price and name of the food establishment
<b>Food Establishment Information</b>	
CREATE Module	It enable the food establishment owner to create registration
ADD Module	It enables the food establishment to add their food menu
READ Module	It enables food establishment read history of booking made by the customers
DELETE Module	It enables the food establishment to delete their food menu and history of booking
UPDATE Module	It enables the owner to update their account details
<b>Admin Information</b>	
READ Module	It enables the admin to view the food establishment information, customer information and messages

DELETE Module	It enables the admin to delete food establishment and customer information.
SEARCH Module	It enables the admin to search the customers list and food establishments list.
FILTER Module	It enables the admin to filter customers name and username, restaurant name, restaurant username and restaurant address, and status of the food establishment which is all, blocked and unblocked.

**APPENDIX F**  
**BLACK BOX TESTING**



**APPENDIX G**  
**USER ACCEPTANCE TESTING**

# **"ASA TA KAON" A FOOD ESTABLISHMENT LOCATOR MOBILE APPLICATION**

## **User Evaluation and Testing Form**

Barral, Alda Zoe Kenji P.

Pasignasigna, Stephanie B.

Rosal, Marnel M.

Valdez, Franchesca Dominic E.

Please put a check (✓) mark on the rating boxes

Criteria	Description	Rating (1 – Lowest / 5 – Highest )				
		1	2	3	4	5
1. Functionality						
1.1 Accuracy	How does the system adequately meet its objectives?					
1.2 Security	How protected is the system and its data contents from unauthorized access?					
2. Reliability						
2.1 Data Validity	Does the system check and validate user input to avoid erroneous data entry?					
2.2 Recoverability	How easily does the system provide a way to back-up data stored in it?					
3. Usability						
3.1 Understandability	Does the system provide on-screen instructions?					
3.2 Learnability	Can users quickly and easily learn to use the software?					
3.3 Operability	Can users easily navigate between program screens?					
3.4 Attractiveness	Is the overall user interface visually pleasing?					
4. Efficiency						
4.1 Ease of Start-up	How easily is the system started up?					
4.2 Resource Utilization	Does the system require minimal hardware resources?					
4.3 Time Behaviour	How quickly does the system accomplish specific actions?					

Criteria	Description	Rating (1 – Worst / 5 – Best )				
		1	2	3	4	5
5. Maintainability						
5.1 Installability	How easily is the system installed (in case re-installation is needed)?					
5.2 Testability	Can the system be tested and verified using test/sample data?					
6. Support and Manuals						
6.1 Understandability	Does the user manual provide clear and concise instructions on how to operate the software?					
6.2 Visual References	Does the user manual provide actual screenshots showing how to operate the software?					

Comments/Suggestions	
1. Functionality	
2. Reliability	
3. Usability	

Comments/Suggestions	
4. Efficiency	
5. Maintainability	
6. Support and Manuals	

Criteria	Total Score
1. Functionality	
2. Reliability	
3. Usability	
4. Efficiency	
5. Maintainability	
6. Support and Manuals	

Average Score Interpretation:

4.1 – 5.0 = Very Acceptable

3.1 – 4.0 = Acceptable

2.1 – 3.0 = Moderately Acceptable

1.0 – 2.0 = Not Acceptable

Average Score: \_\_\_\_\_

## **SYSTEM'S INSTALLATION MANUAL**

### **1.1. System Requirements**

#### **1.1.1 Hardware requirements**

Android 7 and higher

Laptop

Internet Connection

#### **1.1.2 Software requirements**

Web Browser

Firebase

### **1.2 Installation**

Mobile Application

Currently the application is not uploaded to Android Playstore but can be downloaded by the following:

1. Open Android Emulator
2. Go to location or AVD  
C:\Users\asus\AppData\Local\Android\SDK\Emulator
3. Right click to open powershell/cmd type : `./emulator -avd Galaxy_Nexus_API_27 -no-snapshot`
4. Once opened, go to file location as a ta kaon
5. Go to android directory and open PowerShell/CMD and `./gradlew clean`
6. Once cleaned, `cd..`
7. Lastly, run react native using command `react-native run-android`

After these steps are followed, the application can be transferred via phone by the following:

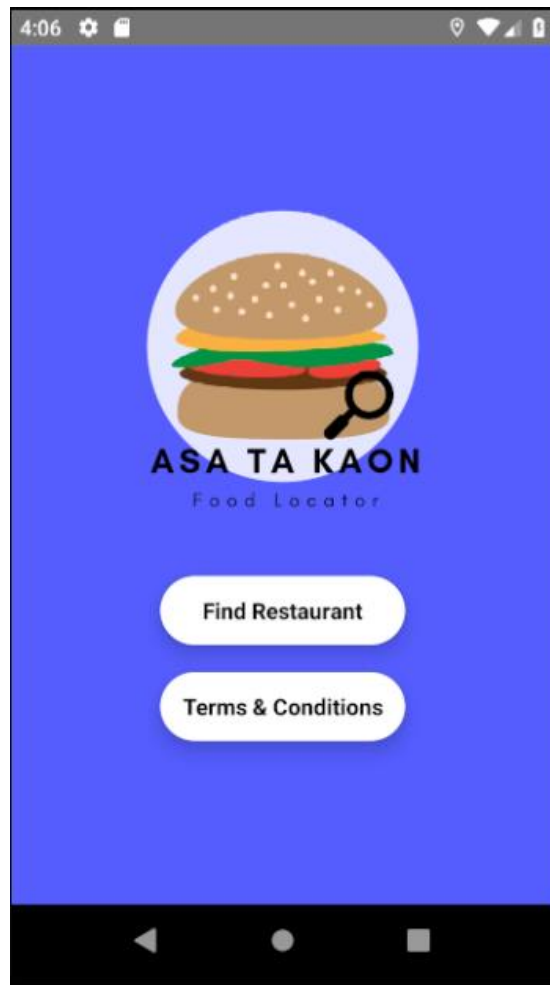
1. You must connect your phone to the computer and must only have one device connected.

2. Open Settings, open About Phone (it depends on the phone) and click the Build Number (it depends on the phone) 7 times to show the developer options then go back to the settings.
3. On the developer options and USB debugging button.
4. On the project folder go to powershell/cmd and type the code `react-native bundle --platform android --dev false --entry-file index.js --bundle-output android/app/src/main/assets/index.android.bundle --assets-dest android/app/src/main/res`
5. Afterwards `cd android`
6. Type `./gradlew clean`
7. Then `cd..`
8. Lastly, input `react-native run-android`

#### Admin Application

1. Download Node.js 10.15.1 from
2. Click the downloaded NODE.JS file
3. Install and run NODE.JS 10.15.1
4. Open command prompt and type `npm install`
5. Type `npm run start` in command prompt to open the admin system it will directly open browser

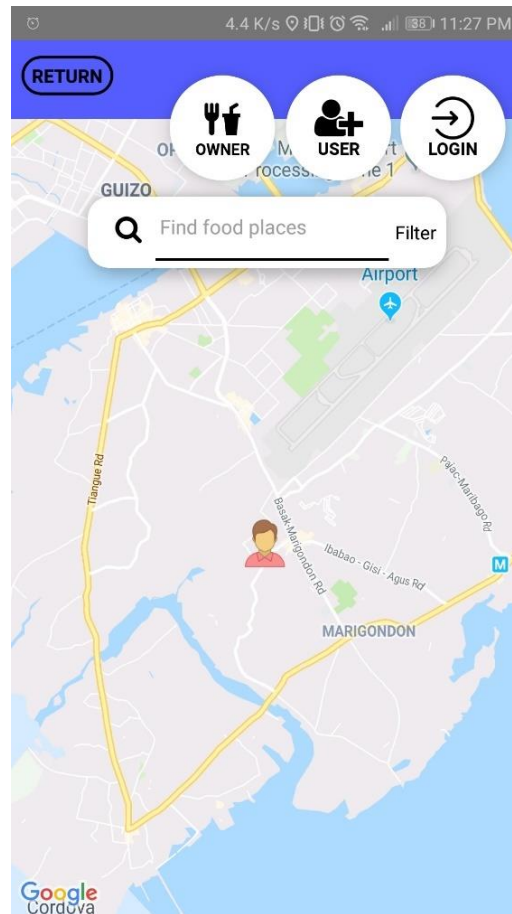
## User's Manual



**Find Restaurant** – Click here to go to the main page of the application

**Our Manual** – Click here to go to the application's manual





**RETURN** – Click here to bring you back to the previous page.

**OWNER** – Click here to go to food establishment registration page, owners fill out a form to register their food establishment. Registered food establishments are displayed in the application's map.

**USER** – Click here to go to user registration page, where new users who wish to be registered in the application input the necessary information required by the application.


**LOGIN** – Click here to go to login page, where you enter an existing user to log into the application.

**FILTER** – Click here to filter what type of food you want.




## LOGIN

USERNAME

 INPUT USERNAME

PASSWORD

 \*\*\*\*\*

Submit

**Username Field** – Text field where users are required to input their registered username.

**Password Field** – Text field where users are required to input their password.

**Submit** – Click here to submit the contents of the two fields filled out by the user.

**User Registration**

**First Name**  
input first name

**Last Name**  
input last name

**Address**  
input your address

**E-mail Address**  
input e-mail address

**Gender**  
Male

**Username (minimum of 8 characters)**  
create username

**Password**

**User Registration**

**Gender**  
Male

**Username (minimum of 8 characters)**  
create username

**Password**  
\*\*\*\*\*

**Confirm Password**  
\*\*\*\*\*

☐ Agree to our terms of service

**Submit**

**First Name Field** – Text field where users are required to input their First Name.

**Last Name Field** – Text field where users are required to input their Last Name.

**Address Field** – Text field where users are required to input their Home Address.

**E-mail Field** – Text field where users are required to input their E-mail Address.

**Gender Field** – Text field where users are required to input their Gender.

**Username Field** – Text field where users are required to input their Username.

**Password Field** – Text field where users are required to input their Password.

**Confirm Password Field** – Text field where users are required to input their Confirmed Password.

**Check Box** – Click here if you agree to our terms of service.

**Submit** – Click here to submit the contents of the fields filled out by the user.

44 B/s 11:28 PM

**RETURN**

**Restaurant Owner Registration**

**Restaurant Name**  
input your restaurant

**Opening Hour**  
HH:MM(AM/PM)

**Closing Hour**  
HH:MM(AM/PM)

**E-mail Address**  
input e-mail address

**Username (minimum of 8 characters)**  
create username

**Password**  
\*\*\*\*\*

**Confirm Password**

✓

1.5 K/s 11:43 PM

**RETURN**

**Restaurant Owner Registration**

**E-mail Address**  
input e-mail address

**Username (minimum of 8 characters)**  
create username

**Password**  
\*\*\*\*\*

**Confirm Password**  
\*\*\*\*\*

☐ Agree to our terms of service

**Submit**

✓

**Restaurant Name Field** – Text field where food establishment owners are required to input their Restaurant Name.

**Opening Hour Field** – Text field where food establishment owners are required to input their Opening hours (HH:MM format).

**Closing Hour Field** – Text field where food establishment owners are required to input their Closing hours (HH:MM format).

**E-mail Field** – Text field where food establishment owners are required to input their E-mail Address.

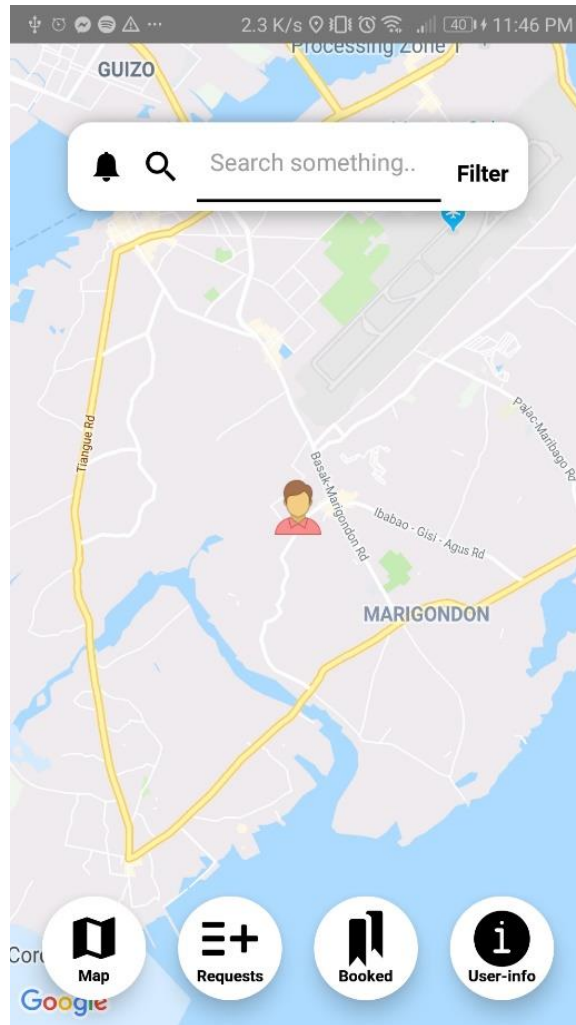
**Username Field** – Text field where food establishment owners are required to input their Username.

**Password Field** – Text field where food establishment owners are required to input their Password.

**Confirm Password Field** – Text field where food establishment owners are required to input their Confirmed Password.

**Check Box** – Click here if you agree to our terms of service.

**Submit** – Click here to submit the contents of the two fields filled out by the food establishment owner.



**RETURN** – Click here to go back to the previous page.

**Search Bar Field** – Type here for your desired food establishment.

**Bell Icon** – Displays number depending on booking activities.

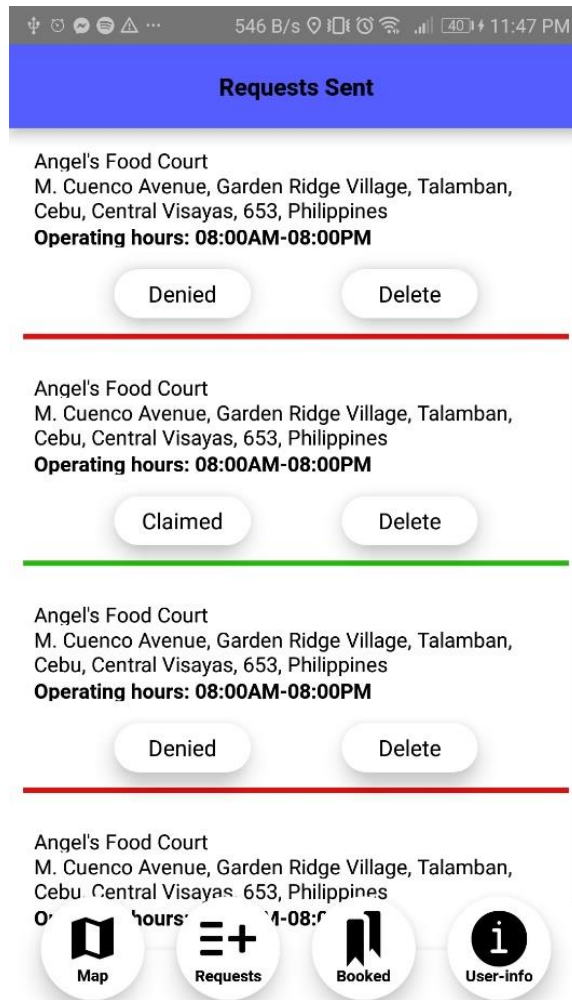
**Filter Bar** – Click here to display food type of food establishment.

**Map** – Click here to go to the map and displays where you are located.

**Requests** – Click here to see requests of bookings.

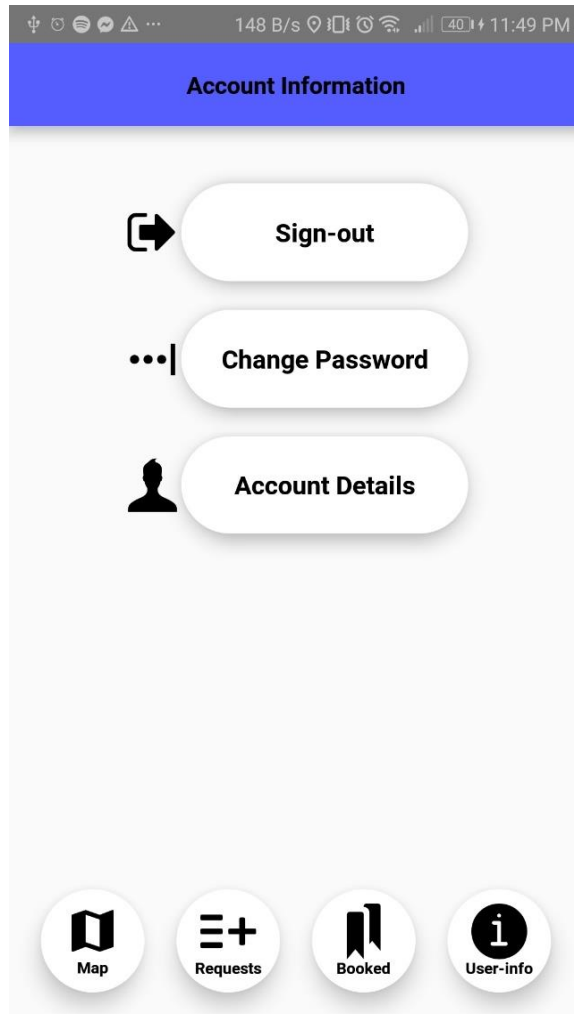
**Booked** – Click here to see status of bookings.

**User-info** – Click here to see account info.



**Denied** - Displays status of booking.

**Delete** – Click here to delete booking.



**Sign-out** – Click here to Sign out.

**Change Password** – Click here to edit user password.

**Account Details** – Click here to edit user details.

The image is a screenshot of a mobile application interface. At the top, there is a status bar with various icons and the text '371 B/s' and '11:49 PM'. Below the status bar is a blue header bar with a 'RETURN' button on the left and the text 'Account Details' on the right. The main content area is a white rounded rectangle with a shadow. Inside this rectangle, there are five form fields, each with a label on the left and a text input on the right. The fields are: 'First name' with the value 'Ken', 'Last name' with the value 'Fiel', 'Address' with the value 'Talamban, Cebu City', 'E-mail' with the value 'kenbrian@gmail.com', and 'Gender' with the value 'Male'. Below these fields is a white rounded button with the text 'Submit'.

First name	Ken
Last name	Fiel
Address	Talamban, Cebu City
E-mail	kenbrian@gmail.com
Gender	Male

Submit

**First Name Field** – Text field where user will edit there first name.

**Last Name Field** – Text field where user will edit there last name.

**Address Field** – Text field where user will edit there address.

**E-mail Field** - Text field where user will edit there e-mail.

**Gender Field** - A field where user will select gender.

**Submit** – Click here to submit the contents of the five fields filled out by the user.



109 B/s 11:49 PM

**RETURN** **Change Password**

**Current Password**

\*\*\*\*\*

**New Password**

\*\*\*\*\*

**Confirm New Password**

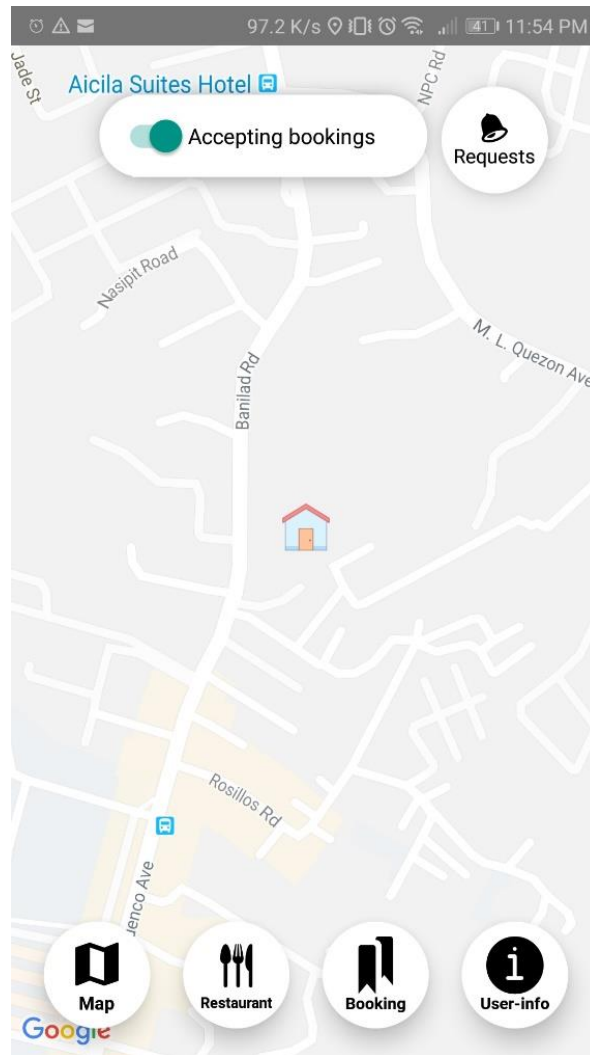
\*\*\*\*\*

**Submit**

**Current Password Field** – Text field where user will enter their current password.

**New Password Field** – Text field where user will input their new password.

**Confirm New Password Field** – Text field where user will re-enter their new password.



**Accepting Booking button** – A button that select if food establishment will accept bookings.

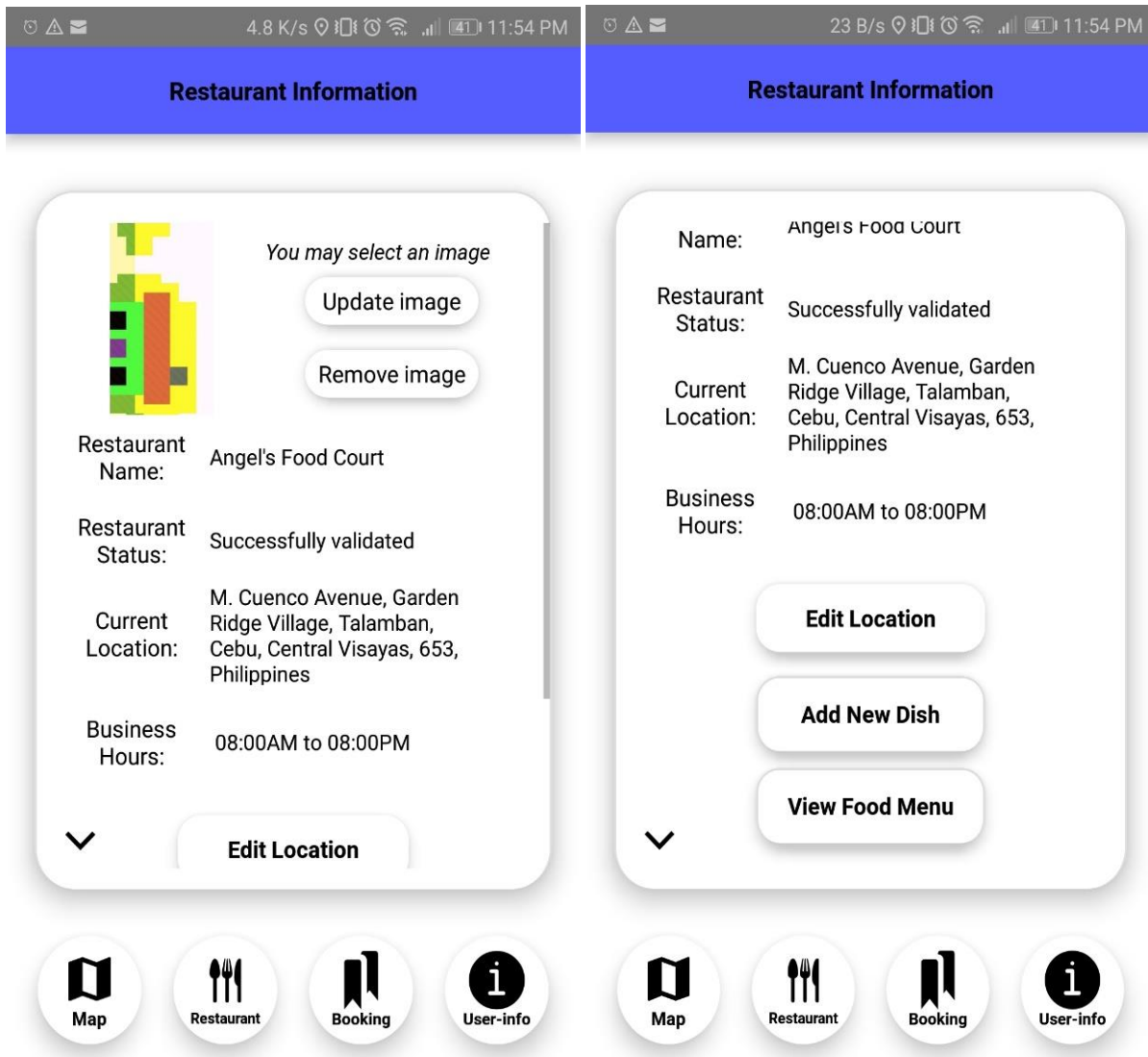
**Requests Button** – A button that displays users that are requesting booking confirmation.

**Map** – Click here to go to the map and displays where you are located.

**Restaurant** – Click here to see food establishment information.

**Booking** – Click here to see booked users.

**User-info** – Click here to account info.



**Image** – Displays food establishment image.

**Update image** – Click here to select another image of food establishment.

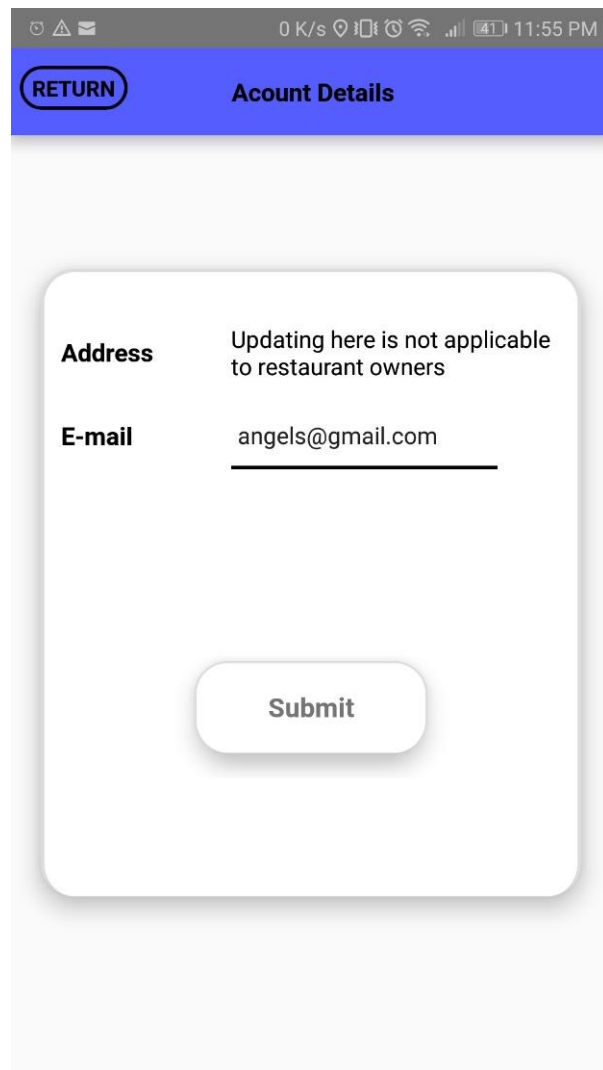
**Remove image** – Click here to remove selected image.

**Details of Food Establishment** – Displays food establishment credentials.

**Edit Location** – Click here to edit where food establishment is located.

**Add New Dish** – Click here to add new dish to menu.

**View Food Menu** – Click here to view inputted food menu of food establishment.



A mobile application interface for 'Account Details'. At the top, a blue header bar contains a 'RETURN' button on the left and the title 'Account Details' on the right. Below the header is a white rounded rectangle containing the form fields. The 'Address' field is disabled, showing the text 'Updating here is not applicable to restaurant owners'. The 'E-mail' field is active, containing the text 'angels@gmail.com' with a red underline. A 'Submit' button is centered at the bottom of the white rounded rectangle. The background of the app is a light gray.

0 K/s 11:55 PM

**RETURN** **Account Details**

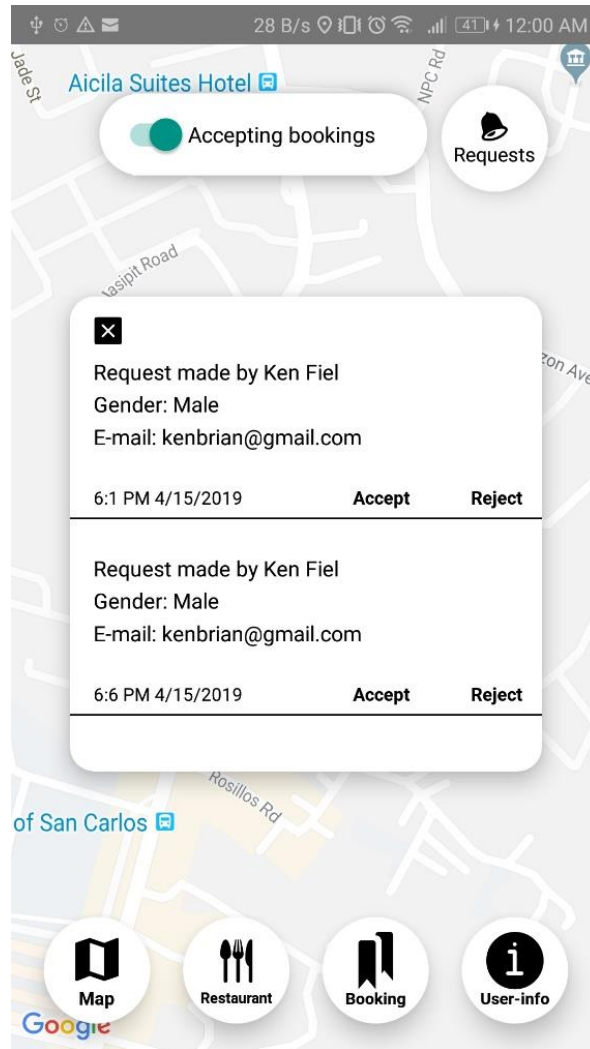
**Address** Updating here is not applicable to restaurant owners

**E-mail** angels@gmail.com

**Submit**

**E-mail Field** - Text field where user will edit there e-mail.

**Submit** – Click here to submit the contents filled out by the owner.



**X Button** – Click here to close the requests tab.

**Accept Button** – Click here to Accept the booking of the user.

**Reject Button** – Click here to Reject the booking of the user.

## CURRICULUM VITAE

## **CURRICULUM VITAE**

### **CONTACT INFORMATION**

1. Name: Alda Zoe Kenji P. Barral
2. Address: 9 Florencio Drive, Cebu City, Cebu 6000
3. Contact #: 099568390407
4. Email address: [kenjibarral2@gmail.com](mailto:kenjibarral2@gmail.com)

### **PERSONAL INFORMATION**

1. Date of Birth: November 12, 1996
2. Age: 22 years old
3. Citizenship/Nationality: Filipino
4. Gender: Male
5. Marital Status: Single
6. Number of Children: None
7. Language proficiency: English, Cebuano, Tagalog
8. Computer PMS and Software skills:
  - Java,
  - C++
  - Cisco 1 & 2
  - PHP

### **EDUCATIONAL BACKGROUND**

1. Education Level  
*Year: 2009 – 2013*

*School: Calbayog City National High School, Calbayog City  
Secondary*

*Year: 2003 - 2009*

*School: Calbayog City SPED Center, Calbayog City  
Elementary*

### **STRENGTHS/TRAITS & SKILLS**

1. *Proficient with the image manipulation software*



2. *Adobe Photoshop Oriented in Microsoft Office Programs*
3. *Able to code well with the following programming languages: php, c, and java*
4. *Able to work under pressure*
5. *Able to work well with or without a team*
6. *Able to learn something new in a short period of time, always looking for a more efficient solution*
7. *Basic networking knowledge*

### **CAREER OBJECTIVES**

1. To enhance my educational and professional skills in a stable and dynamic workplace.
2. To solve problems in a creative and effective manner in a challenging position.
3. To obtain employment with a company that offers a positive atmosphere to learn and implement new skills and technologies for the betterment of the organization.

### **References**

1. Name: Ms. Joan Tero  
Position: Instructor  
Name of Organization: University of San Carlos  
Contact Number:
  
2. Name: Mr. Godwin Monserate  
Position: Network Administrator and Instructor  
Name of Organization: University of San Carlos  
Contact Number

**Resume updated on 4/07/19**



## **CURRICULUM VITAE**

### **CONTACT INFORMATION**

1. Name: Stephanie B. Pasignasigna
2. Address: Sitio Bangan, Cabancalan Mandaue City
3. Contact #: 09287741755
4. Email address: [stephtotle@gmail.com](mailto:stephtotle@gmail.com)



### **PERSONAL INFORMATION**

1. Date of Birth: April 10, 1998
2. Age: 21 years old
3. Citizenship/Nationality: Filipino
4. Gender: Female
5. Marital Status: Single
6. Number of Children & Age: None
7. Language proficiency: English, Cebuano, Tagalog & French
8. Computer PMS and Software skills:
  - Web Page Design
  - HTML
  - PHP
  - Cascading Style Sheets (CSS)
  - C Language
  - SQL
  - Cisco 1 & 2
  - JavaScript

### **EDUCATIONAL BACKGROUND**

1. Education Level  
Year: 2011-2015  
*School: Colegio de la Inmaculada Concepcion Cebu*  
*Secondary*

Year: 2002-2011

School: *Cabancalan 2 Elementary School*

*Elementary*

## 2. Certifications & Accreditations 2018

A seminar of:

- "A talk from the Network Security Expert"
- Java se7 to se8
- PHP: A review on Code Igniter
- Philippine Impact Outsourcing Conference 2018

## **STRENGTHS/TRAITS & SKILLS**

1. *Good interpersonal skills*
2. *Flexibility*
3. *Work Ethic*
4. *Hand-on experience*
5. *Able to work within tight schedules*
6. *High degree of initiative*
7. *Basic Knowledge in PHP and Database Management, Programming*
8. *Flexibility in Computer Works*
9. *Photo Editing and Video Editing*

## **CAREER OBJECTIVES**

1. To make use of my interpersonal skills to achieve goals of a company that focuses on customer satisfaction and customer experience.
2. To secure employment with a reputable company, where I can utilize my skills and business studies background to the maximum.
3. To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.
4. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

## **References**

1. Name: Ms. Joan Tero  
Position: Instructor  
Name of Organization: University of San Carlos  
Contact Number:
  
2. Name: Mr. Godwin Monserate  
Position: Network Administrator and Instructor  
Name of Organization: University of San Carlos  
Contact Number

**Resume updated on 3/18/19**

## CURRICULUM VITAE

### CONTACT INFORMATION

1. Name: Marnel M. Rosal
2. Address: Bf Better Living Basak Lapu-Lapu City
3. Contact #: 09266113073
4. Email address: [Johnmarnek09@gmail.com](mailto:Johnmarnek09@gmail.com)



### PERSONAL INFORMATION

1. Date of Birth: June 7, 1996
2. Age: 22 years old
3. Citizenship/ Nationality: Filipino
4. Gender: Male
5. Marital Status: Single
6. Number of Children & Age: None
7. Language proficiency: English, Cebuano and Tagalog
8. Computer PMS and Software Skills:
  - Java
  - C++
  - PHP
  - Cisco 1 & 2

### EDUCATIONAL BACKGROUND

1. Educational Level  
*Year: 2011- 2012*  
*School: Saint Dominic International School*  
*Secondary*  
  
*Year: 2007 – 2008*  
*School: Saint Dominic International School*  
*Elementary*

## **STRENGTHS/TRAITS & SKILLS**

1. *Basic Troubleshooting, Basic programming*
2. *Video Editing*
3. *Photo Editing*
4. *Website setup (Wordpress)*
5. *Computer Assembly*
6. *Basic Database Management.*

## **CAREER OBJECTIVES**

1. To seek employment with a company where I can grow professionally and personally.
2. To excel in this field with hard work, perseverance and dedication.
3. To succeed in an environment of growth and excellence to meet personal and organizational goals.
4. To have a highly rewarding career where I can use my skills and knowledge for organizational and personal growth.

## **References**

1. Name: Ms. Joan Tero  
Position: Instructor  
Name of Organization: University of San Carlos  
Contact Number:
2. Name: Mr. Godwin Monserate  
Position: Network Administrator and Instructor  
Name of Organization: University of San Carlos  
Contact Number

**Resume updated on 4/07/19**

## CURRICULUM VITAE

### CONTACT INFORMATION

1. Name: Franchesca Dominic E. Valdez
2. Address: St. James, La Guardia Lahug Cebu City
3. Contact #: 09562847830
4. Email address: [chescadominic@gmail.com](mailto:chescadominic@gmail.com)



### PERSONAL INFORMATION

1. Date of Birth: July 24, 1998
2. Age: 20 years old
3. Citizenship/Nationality: Filipino
4. Gender: Female
5. Marital Status: Single
6. Number of Children & Age: None
7. Language proficiency: English, Cebuano, Tagalog & French
8. Computer PMS and Software skills:
  - Web Page Design
  - HTML
  - PHP
  - Cascading Style Sheets (CSS)
  - C Language
  - SQL
  - Cisco 1 & 2
  - JavaScript

### EDUCATIONAL BACKGROUND

1. Education Level  
Year: 2012 -2015  
  
*School: St. Francis of Assisi*  
  
*Secondary*

*Year: 2004 – 2012*

*School: Colegio de la Inmaculada Concepcion*

*Elementary*

2. Certifications & Accreditations  
*2018*

A seminar of:

- “A talk from the Network Security Expert”
- Java se7 to se8
- PHP: A review on Code Igniter
- Philippine Impact Outsourcing Conference 2018

**STRENGTHS/TRAITS & SKILLS**

1. *Basic programming*
2. *Video & Photo Editing*
3. *Website setup (Wordpress)*
4. *Computer Assembly*
5. *Able to work within tight schedules*
6. *Able to adapt in a new environment*

**CAREER OBJECTIVES**

1. To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.
2. To secure employment with a reputable company, where I can utilize my skills and business studies background to the maximum.
3. To make use of my interpersonal skills to achieve goals of a company that focuses on customer satisfaction and customer experience
4. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

## **References**

1. Name: Ms. Joan Tero  
Position: Instructor  
Name of Organization: University of San Carlos  
Contact Number:
  
2. Name: Mr. Godwin Monserate  
Position: Network Administrator and Instructor  
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Contact Number

**Resume updated on 3/18/19**