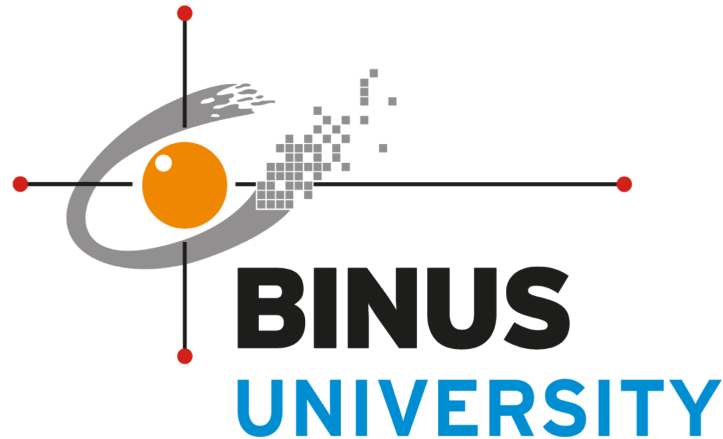# HUMAN COMPUTER INTERACTION
FINAL PROJECT
SCENARIO, DIAGRAM, & TESTING REPORT

Group Name : Chips and Dips

Members :

- Maria Clarin - 2501990331
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Class : L1AC

Project Name : Chef's Apron

Subject : HCI COMP6800001

BINUS INTERNATIONAL UNIVERSITY
2021

A. Main Scenarios

1. Scenario A : Lisa the college student.

Lisa is a college student living alone abroad, away from her family. She has been really occupied with college to the point where she keeps sacrificing her meal time to study and do assignments whenever she is alone at home. She didn't have time to go to the grocery shop, and her expenses are piling up more and more because of food delivery services which cost a lot of money if done on a daily basis. Lisa realised that this cannot become a habit. Luckily, she was introduced to the services of Chef's Apron by her colleague who was also a customer of Chef's Apron. Her goal was to keep up a healthy lifestyle while being efficient and Chef's Apron offers the perfect solution. She opened up Chef's Apron's website. The user interface of the website was straightforward and easy to understand. So she went and clicked on the 'Plans' section on the navigation bar and started customising her meal plan. Lisa is a vegan, so she picked the vegan diet. She's living alone, so she went ahead and picked the single package and picked a 3 days meal plan for this week with deliveries on Monday, Thursday, and Friday, because for the rest of the week, she would be on campus most of the time or away with friends in which she would not eat at home. Lisa was relieved to see the 'Avoid Me' option, as she was allergic to nuts and was lactose intolerant to dairy products. Once done customising her plans, the page loads to display all the menus available for the week. She was excited to try out new recipes that looked amazing. The page then leads to the registration page. Lisa quickly entered her forms and registered. It then displays the total payment. Lisa was satisfied and picked the PayPal method to pay for her order and proceeded to click the 'Confirm Order' button to complete her order. Lisa can now focus on her college work without worrying what she is going to eat for the upcoming week and only has to wait for the delivery.

2. Scenario B : Amy the wife and the family mother of two.

Amy lived with her husband and her two children. Amy and her husband are both working parents. They have been really busy lately with their businesses and the fridge seems to have less and less food by the day. She was then recommended the services of Chef's Apron by a close family friend. So she decided to open the Chef's Apron website. The website immediately displayed the home page, and there was a picture saying "New Recipes Available" with a button on it that says "Plan Now". Intrigued to try, she clicked on the button. It led her to the planning page and she planned a regular diet–based family package, a 5 day meal plan for the week for Monday, Tuesday, Wednesday, Thursday, and Friday. Amy and her family are Muslims and so they couldn't have any pork in their meals. Luckily the options are very inclusive. So she picked the pork option to avoid in the 'Avoid Me' section. Once done customising her plans, the page loads to display all the menus available for the week. She was excited to try out new recipes that looked amazing and nutritious especially for her kids. The page then leads to the registration page. Amy entered her forms and registered. It then displays the total payment. Amy was satisfied and picked the 'Visa Card' method to pay for her order. She then completed the payment by clicking the 'Confirm Order' button. Amy now felt more at ease for the rest of the upcoming week and only had to wait for the delivery.

3. Scenario C : Michael the loving husband.

Michael is a loving husband to his wife Helen. He works at home while Helen goes to work in her office. Helen always comes home tired and not having the time and energy to cook. They end up ordering fast food services for dinner. Which is not very healthy and romantic. Michael then wanted to learn how to cook for his wife since he has more time at home. His cousin recommended he visit the Chef's Apron website because they offer great cooking classes online from the beginners level to the professional level. He launched the website and it led him to the home page. He saw the 'Classes' section in the navigation bar and he clicked on it. It brought him to the classes page. Where he could see the different classes, classified into each level. He chose the child-friendly class 'Basic Ingredients with Chef Rosaria'. The page then displays the registration page, and he fills out the forms to register. He was then led to the payment page in which he picked the 'Mastercard' method to pay for his classes. He then completed his payment and was intrigued to learn more about Chef's Apron. So he clicked on the 'About' section in the navigation bar and it brought him to a new page. In that page he learned a lot of information about Chef's Apron and their services. He is interested in using their service in the future, but for now, he wants to learn the basics of the kitchen first. And so he exited the page and only had to wait for the scheduled time to come for him to attend his class.

4. Scenario D : Lucas the traveller.

Lucas is a young adult living by himself. He is a really active guy who likes to go out and travel. He is a customer of Chef's Apron. However, for next week, he needs to change his meal plan from a 2 days meal plan per week to only a 5 days meal plan because his plans with his friends got cancelled. So he launched Chef's Apron's website. From the main home page, he hovered to the profile icon located on the top right corner of the page. He then clicked on the icon and it led him to his profile settings page. From the initial profile settings page, he went and clicked the profile page. His plans, before it was changed, consisted of a pescatarian-based single packaged diet for a 2 days meal plan, He then customised his current plans to a 5 day meal plan for Monday, Tuesday, Wednesday, Thursday, and Friday. After he changed his plans, he confirmed his changes. The payment is automatically charged and he receives a notification for it through email. Then he went and checked his menus for the upcoming week. He is excited for the new menus and recipes. Satisfied, he exited the page and proceeded with his day.

5. Scenario E : Ryan the freelancer.

Ryan is a freelancer who has been working constantly. He usually starts his day with a cup of coffee but he's starting to feel unsatisfied with only a cup of coffee. So he checks his time, seeing that he has plenty of hours left to continue doing his work. He launched Chef's Apron and quickly went to the recipe page. He first chose the breakfast type of recipe as it is time for breakfast and he looks for one that is easy and fast to make. His eyes locked on the 'American Pancake' recipe as it was the classic breakfast, easy to make and delicious. So he clicked on the recipe and it displayed the information about the pancake starting from its description, the ingredients, the way to serve it (toppings), and the step-by-step method to create the pancake. And so, he prepares all his ingredients and starts cooking. After the pancake was ready, he closed the Chef's Apron website and enjoyed his meal.
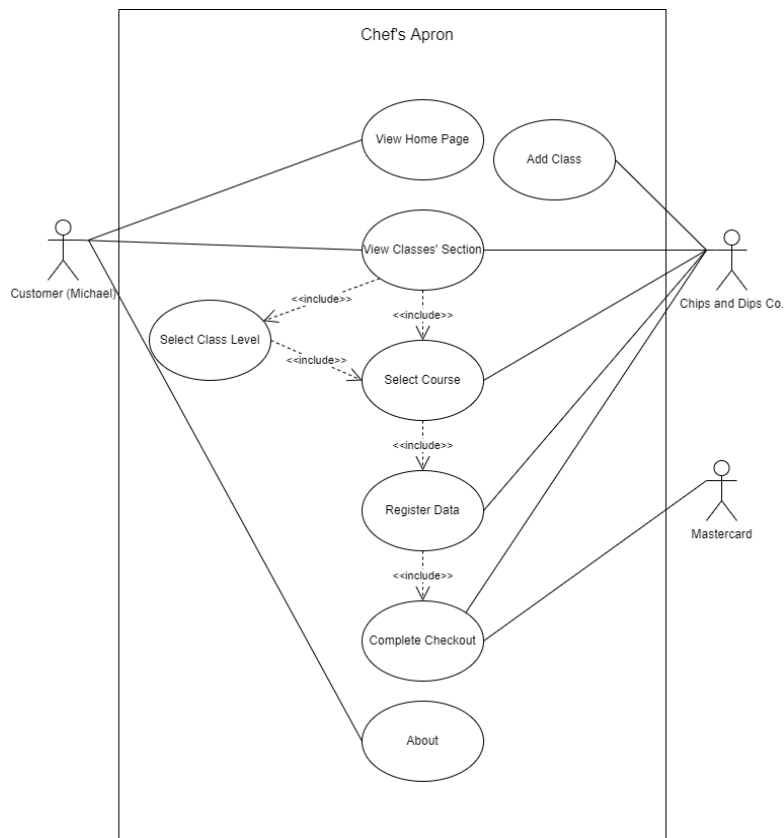
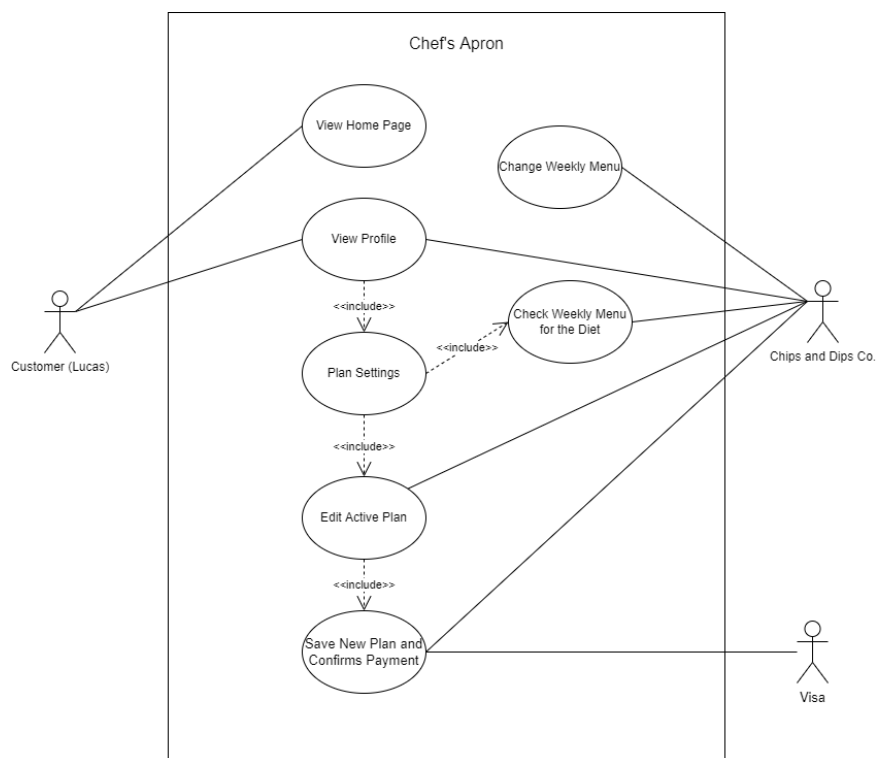## B. UML Use Case Diagrams - Maria Clarin
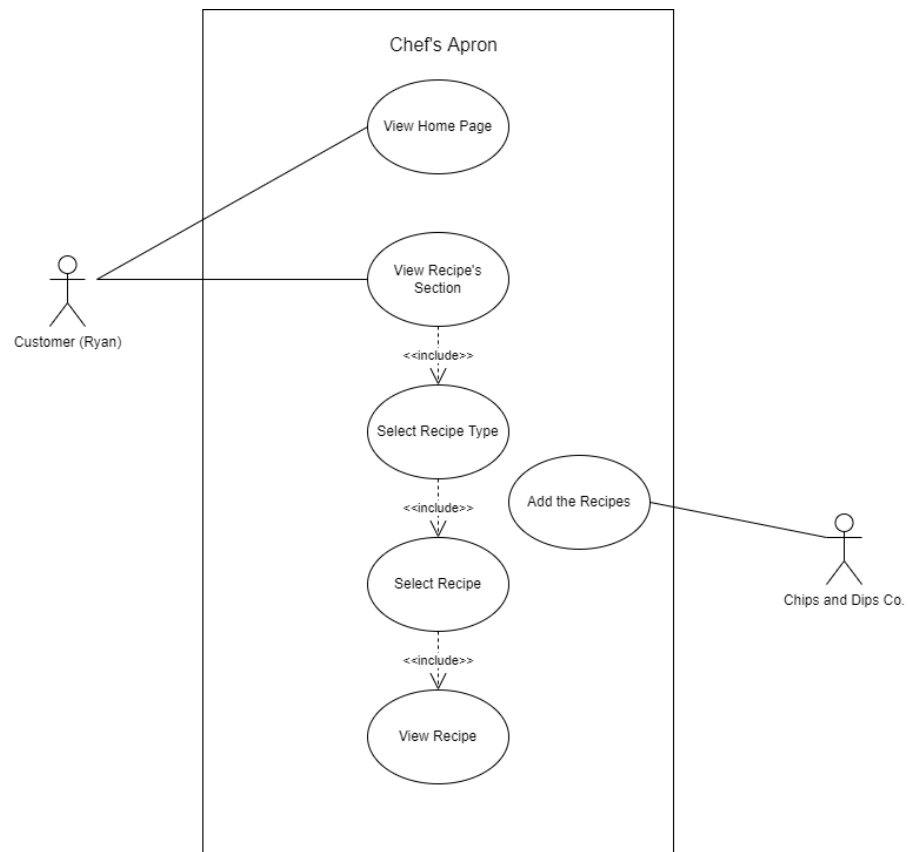
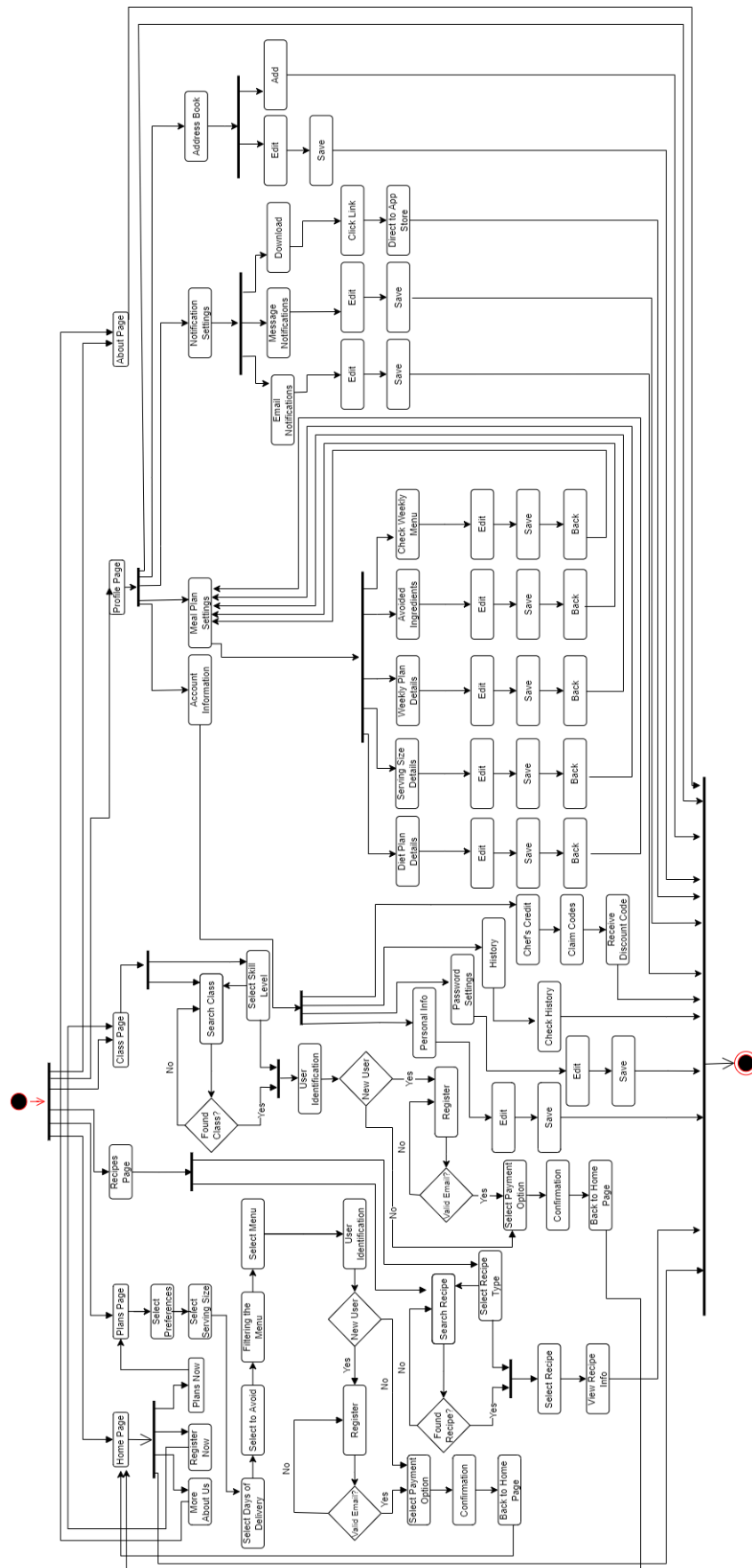Scenario A

Scenario B
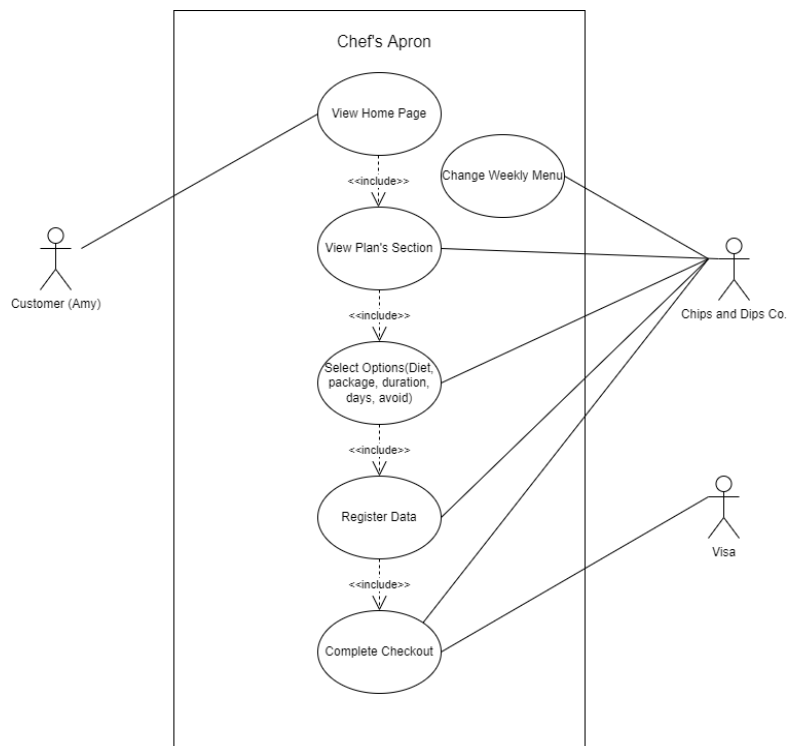
Scenario C

Scenario D

Scenario E

C. UML Activity Diagram - Jocelin Wilson

D. Test Case

Test Scenario : Check Planning Functionality (Maria Clarin)

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
A - Lisa	Plan a vegan diet, single serving, 3 day meal plan (Monday, Thursday, Friday), no nuts, no dairy subscription plan through the navigation bar directory ('Plans'). See the weekly menu. Register as a customer, and complete the payment order.	1. Open Chef's Apron Website 2. Click the 'Plans' option on the navigation bar. 3. Input preferred diet option (by clicking) 4. Input the Serving Size option (by clicking) 5. Input the Meal Plan Per Week option (by clicking) 6. Input the Days of Delivery option (by clicking) 7. Input the Avoid Me option (by clicking) 8. Click the 'Select Plan' button 9. Click the 'See More' button under 'Vegan Menu' option 10. Scroll through the menu list 11. Click the 'Previous Page' button 12. Click the 'Sounds Good!' button 13. Input First Name 14. Input Last Name 15. Input Email 16. Input Password 17. Input Confirm Password 18. Input City 19. Input Address 20. Input Postal Code 21. Click the 'Sign Me Up!' button 22. Input payment option 23. Click the 'Confirm Order' button 24. Click the 'Back to Homepage' button 25. Exit the website	• Diet option = Vegan • Serving Size option = Single • Meal Plan Per Week option = 3 • Days of Delivery option = Mon, Thu, Fri • Avoid Me option = Nuts, Dairy • First Name = Lisa • Last Name = Choi • Email = lisachoi@email.com • Password = testlisa123 • Confirm Password = testlisa123 • City = Jakarta • Address = Jl. Raya, No 1, Jakarta Pusat • Postal Code = 39310 • Payment Option = Paypal	Successfully planned, registered, and completed the payment	Successfully planned, registered, and completed the payment	Pass
B - Amy	Plan a regular diet, family serving, 5 day meal plan (Mon, Tue, Wed, Thu, Fri), no pork subscription plan through the promotional picture button on the home page. See the weekly menu. Register as a customer, and complete the payment order.	1. Open Chef's Apron Website 2. Click the 'Plan Now' button on the promotional picture on the home page. 3. Input preferred diet option (by clicking) 4. Input the Serving Size option (by clicking) 5. Input the Meal Plan Per Week option (by clicking) 6. Input the Days of Delivery option (by clicking) 7. Input the Avoid Me option (by clicking) 8. Click the 'Select Plan' button 9. Click the 'See More' button under 'Regular Menu' option 10. Scroll through the menu list 11. Click the 'Previous Page' button 12. Click the 'Sounds Good!' button 13. Input First Name 14. Input Last Name 15. Input Email 16. Input Password 17. Input Confirm Password 18. Input City 19. Input Address 20. Input Postal Code 21. Click the 'Sign Me Up!' button 22. Input payment option 23. Click the 'Confirm Order' button 24. Click the 'Back to Homepage' button 25. Exit the website	• Diet option = regular • Serving Size option = Family • Meal Plan Per Week option = 5 • Days of Delivery option = Mon, Tue, Wed, Thu, Fri • Avoid Me option = Pork • First Name = Amy • Last Name = Bergara • Email = amyb@email.com • Password = testamy123 • Confirm Password = testamy123 • City = Jakarta • Address = Jl. Merdeka, No 2, Jakarta Barat • Postal Code = 29389 • Payment Option = Visa Card	Successfully planned, registered, and completed the payment	Successfully planned, registered, and completed the payment	Pass

Test Scenario : Check Class Registration Functionality (Jocelin Wilson)

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
C - Michael	Book a 'child-friendly' level cooking class. Register as a customer, and complete the payment order.	1. Open Chef's Apron website Click the 'Classes' option from the navigation bar 2. Pick the Skill Level option (by clicking) 3. Pick the desired class from all the classes (by clicking the picture) 4. Input First Name 5. Input Last Name 6. Input Email 7. Input Password 8. Input Confirm Password 9. Input City 10. Input Address 11. Input Postal Code 12. Click the 'Sign Me Up!' button 13. Input payment option 14. Click the 'Confirm Order' button	• Skill Level Option = Child-Friendly • Chosen Class = 'Basic Ingredients with Chef Rosaria' • First Name = Michael • Last Name =Jordan • Email = mj@email.com • Password = testmichael123 • Confirm Password = testmichael123 • City = Jakarta • Address = Jl. Indonesia, No 3, Jakarta Selatan • Postal Code = 54950 • Payment Option = Mastercard	Successfully booked the desired class, registered, completed the payment, and found more information about Chef's Apron	Successfully booked the desired class, registered, completed the payment.	Pass
C2 - Michael	Book an 'advanced' level cooking class. Register with a blank email and password.	1. Open Chef's Apron website Click the 'Classes' option from the navigation bar 2. Pick the Skill Level option (by clicking) 3. Pick the desired class from all the classes (by clicking the picture) 4. Input First Name 5. Input Last Name 6. Input Email 7. Input Password 8. Input Confirm Password 9. Input City 10. Input Address 11. Input Postal Code 12. Click the 'Sign Me Up!' button 13. Input payment option 14. Click the 'Confirm Order' button	• Skill Level Option = Advanced • Chosen Class = 'Chaunk' • First Name = Michael • Last Name = Jordan • Email = • Password = • Confirm Password = • City = Jakarta • Address = Jl. Indonesia, No 3, Jakarta Selatan • Postal Code = 54950	Stays at the page and display a text 'Please enter an email address and the password'	User proceed to the payment page showing the info for 'Basic Ingredients with Chef Rosaria.'	Fail

Test Scenario : Test Profile Customization Functionality (Maria Clarin)

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
D - Lucas	Change the currently active plan detail from a 2 day meal plan (Tue, Wed) to a 5 day meal plan (Mon, Tue, Wed, Thu, Fri) and save the new plan. Check the upcoming weekly menu from the profile settings page.	1. Open Chef's Apron website 2. Click the profile icon on the top right corner of the home page. 3. Click on the 'Meal Plan Settings' button 4. Click on the 'Edit Plan' button under the 'Weekly Plan Details' box 5. Click the plus box 6. Input 'Meal Plan Per Week' option (by clicking) 7. Input 'Days of Delivery' option (by clicking) 8. Click the 'Save Plan' button 9. Click the 'Settings Page' button 10. Click the 'Open Menu' button under the 'Check Weekly Menu' box 11. Click the 'See More' button under the 'Pescatarian Menu' 12. Scroll through the menu list 13. Click the 'Previous Page' button 14. Click the 'Previous Page' button 15. Click the 'Home' option from the navigation bar 16. Exit the website	• Meal Plan Per Week option = 5 • Days of Delivery option = Mon, Tue, Wed, Thu, Fri	Successfully changed the currently active plan to the desired specification, saved the new plan, and checked the weekly menu.	Successfully changed the currently active plan to the desired specification, saved the new plan, and checked the weekly menu.	Pass
D2 - Lucas	Change the currently active plan detail from a 2 day meal plan (Tue, Wed) to a 3 day meal plan inputting any inputs for the days of the week option (invalid input), and saving it as a meal plan	1. Open Chef's Apron website 2. Click the profile icon on the top right corner of the home page. 3. Click on the 'Meal Plan Settings' button 4. Click on the 'Edit Plan' button under the 'Weekly Plan Details' box 5. Click the plus box 6. Input 'Meal Plan Per Week' option 7. Skip input 'Days of Delivery' option 8. Click the 'Save Plan' button 9. Exit the website	• Meal Plan Per Week option = 3 • Days of Delivery option = - (skipped)	Invalid input detected. Page reloads to display invalid input and highlights required data to be inputted. User cannot proceed to the next page unless they fill in the data.	User proceed to the next page with wrong details, (5 days meal plan, (Mon, Tue, Wed, Thu, Fri). Saved as 'New Plan 1' and activated	Fail

Test Scenario : Test Recipe Page Functionality (Jocelin Wilson)

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
E -Ryan	Click on the Breakfast Type to proceed to the breakfast recipe. Click on the pancakes to proceed to the pancakes recipe	1. Open Chef's Apron website 2. Click on the Recipe page 3. Click on the Recipe type 4. Click on the Recipe 6. Exit the website	● Recipe Type = Breakfast ● Recipe = American Pancake	Successfully display the 'American Pancake' recipe information	Successfully display the 'American Pancake' recipe information	Pass
E2 - Ryan	Click on the Dinner Type to proceed to the Dinner recipe.	1. Open Chef's Apron website 2. Click on the Recipe page 3. Click on the Recipe type	● Recipe Type = Dinner	Successfully go to the Dinner Recipe	User proceed to the Breakfast Recipe	Fail