# **Test Documentation**

# 1. Testing Objective

The objective of this document is to document the steps taken to test our system. The test cases listed will be used to verify if our system works properly.

# 2. Testing Scope

We will carry out black box and white box testing on both the frontend and backend.

# 3. Black Box Testing

## 3.1 SignUpPage

| Test Case   | Test Input  | <b>Expected Result</b>  | Test Result   | Pass /<br>Fail |
|---|---|---|---|----------------|
| Empty fields  | Username:<br>Email:<br>Password:<br>Confirm Password:   | System displays: "Alert Please fill in all fields"  | System displays: "Alert Please fill in all fields"  | Pass           |
| Email does not contain '@'                            | Username: Takina<br>Email:<br>Takinagmail.com<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678! | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | Pass           |
| Email start with '@'                                  | Username: Takina<br>Email: @gmail.com<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678!         | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | Pass           |
| Email end with '@'                                    | Username: Takina<br>Email: gmail.com@<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678!         | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | Pass           |
| Email does not contain '.'                            | Username: Takina<br>Email:<br>Takina@gmailcom<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678! | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | Pass           |
| Email contains '@' and '.' together                   | Username: Takina<br>Email:<br>Takina@.com<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678!     | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | System displays: "Invalid Email Please enter a valid email address" Password and Confirm password field cleared.  | Pass           |
| Password does<br>not meet<br>uppercase<br>requirement | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password:<br>A12345678!<br>Confirm Password:<br>A12345678!  | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one | Pass           |

|  |  | number, and one special<br>character."<br>Password and Confirm<br>password field cleared.  | number, and one special<br>character."<br>Password and Confirm<br>password field cleared.  |      |
|--|--|--|--|------|
| Password does<br>not meet<br>lowercase<br>requirement            | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password:<br>a12345678!<br>Confirm Password:<br>a12345678! | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | Pass |
| Password does<br>not meet<br>number<br>requirement               | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password:<br>Aasdfghjk!<br>Confirm Password:<br>Aasdfghjk! | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | Pass |
| Password does<br>not meet<br>special<br>character<br>requirement | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password: a12345678<br>Confirm Password:<br>a12345678      | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | Pass |
| Password does<br>not meet length<br>requirement                  | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password: Aa1!<br>Confirm Password:<br>Aa1!                | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | System displays: "Invalid Password Password must be at least 8 characters long and include at least one uppercase character, one lowercase character, one number, and one special character." Password and Confirm password field cleared. | Pass |
| Password and confirm password does not match                     | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password:<br>Aa12345678!                                   | System displays: "Passwords do not match. Re-enter your password to confirm."  | System displays: "Passwords do not match. Re-enter your password to confirm."  | Pass |

|                              | Confirm Password:<br>Aa1!   | Password and Confirm password field cleared.  | Password and Confirm password field cleared.  |      |
|------------------------------|---|---|---|------|
| Email already<br>in database | Username: Takina<br>Email:<br>Takina@gmail.com<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678!  | System displays: "Sign Up Failed Email is already registered with another user." Password and Confirm password field cleared. | System displays: "Sign Up Failed Email is already registered with another user." Password and Confirm password field cleared. | Pass |
| Sign up successful.          | Username: Takina<br>Email:<br>Takina2@gmail.com<br>Password:<br>Aa12345678!<br>Confirm Password:<br>Aa12345678! | System displays: "Sign Up Successful Continue to finish setting up your profile." Redirect user to SelectCuisinePage          | System displays: "Sign Up Successful Continue to finish setting up your profile." Redirect user to SelectCuisinePage          | Pass |

# 3.2 LogInPage

| <b>Test Case</b> | Test Input       | <b>Expected Result</b>     | Test Result                | Pass /<br>Fail |
|------------------|------------------|----------------------------|----------------------------|----------------|
| Empty fields     | Email:           | System displays:           | System displays:           | Pass           |
| zmptj meres      | Password:        | "Log in Failed             | "Log in Failed             | 1 455          |
|                  | Tubbword.        | Please fill in all fields" | Please fill in all fields" |                |
| Email entered    | Email:           | System displays:           | System displays:           | Pass           |
| does not belong  | sakana@gmail.com | "Log in Failed             | "Log in Failed             |                |
| to any user      | Password:        | No user found with this    | No user found with this    |                |
| ,                | Aa12345678!      | email address."            | email address."            |                |
|                  |                  | Password field cleared.    | Password field cleared.    |                |
| Password is      | Email:           | System displays:           | System displays:           | Pass           |
| incorrect for    | Takina@gmail.com | "Log in Failed             | "Log in Failed             |                |
| the given        | Password:        | The password is            | The password is            |                |
| email.           | Aa87654321!      | incorrect."                | incorrect."                |                |
|                  |                  | Password field cleared.    | Password field cleared.    |                |
| Log in           | Email:           | System displays:           | System displays:           | Pass           |
| Successful       | Takina@gmail.com | "Log in Successfully       | "Log in Successfully       |                |
|                  | Password:        | Let's Jiak!"               | Let's Jiak!"               |                |
|                  | Aa12345678!      | Redirect user to           | Redirect user to           |                |
|                  |                  | HomeScreen.                | HomeScreen.                |                |

### 3.3 UserFeedBack

| Test Case    | Test Input          | <b>Expected Result</b>   | Test Result              | Pass / |
|--------------|---------------------|--------------------------|--------------------------|--------|
|              |                     |                          |                          | Fail   |
| Empty fields | Enter your feedback | System displays:         | System displays:         | Pass   |
|              | here:               | "Error                   | "Error                   |        |
|              |                     | Please enter your        | Please enter your        |        |
|              |                     | feedback before          | feedback before          |        |
|              |                     | submitting."             | submitting."             |        |
| Feedback     | Enter your feedback | System displays:         | System displays:         | Pass   |
| successfully | here: More features | "Success                 | "Success                 |        |
| submitted    | needed              | Your feedback has been   | Your feedback has been   |        |
|              |                     | submitted successfully." | submitted successfully." |        |
| I            |                     | Redirect to HomeScreen   | Redirect to HomeScreen   |        |

### 3.4 InputReferralCodePage

| Test Case  | Test Input                       | <b>Expected Result</b>   | Test Result  | Pass / |
|--|----------------------------------|--|--|--------|
|  |                                  |  |  | Fail   |
| Empty fields   | Enter eater code here:           | System displays: "Error Please enter a referral code before submitting."   | System displays: "Error Please enter a referral code before submitting."   | Pass   |
| Invalid Eater<br>code (eater<br>code does not<br>exist / eater<br>code has<br>already been<br>used before) | Enter eater code here:<br>As132s | System displays: "Invalid Referral Code Please enter a valid referral code"  | System displays: "Invalid Referral Code Please enter a valid referral code"  | Pass   |
| Valid Eater<br>code entered  | Enter eater code here:<br>Fj6Nwj | System displays: "Code Redeemed Show this pop-up to the cashier to redeem your discount". Redirect to ReviewLandingPage. | System displays: "Code Redeemed Show this pop-up to the cashier to redeem your discount". Redirect to ReviewLandingPage. | Pass   |

### 3.5 ReviewPage (After Jiak! At a Restaurant)

| Test Case   | Test Input  | <b>Expected Result</b>   | Test Result  | Pass /<br>Fail |
|---|---|--|--|----------------|
| Empty fields (Diner does not leave a star rating and does not leave a written review) | Star rating: 0<br>Enter your review<br>here:      | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, no review, current-date       | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, no review, current-date       | Pass           |
| Diner only<br>rates star,<br>leaves no<br>written review                              | Star rating: 0<br>Enter your review<br>here: Good | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, review: "Good", current- date | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, review: "Good", current- date | Pass           |
| Diner does not<br>give star rating<br>but leaves a<br>written review                  | Star rating: 4<br>Enter your review<br>here:      | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 4 stars, no review, current-date       | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 4 stars, no review, current-date       | Pass           |
| Diner leaves<br>star and written<br>review  | Star rating: 4 Enter your review here: Good       | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 4 stars, review: "Good", current- date | System displays: "Review Submitted You have earned 5 points!" Redirect to HomeScreen. New entry in DiningHistory: 4 stars, review: "Good", current- date | Pass           |

### 3.6 ReviewPage (Edit Review)

| Test Case  | Test Input  | <b>Expected Result</b>   | Test Result  | Pass /<br>Fail |
|--|---|--|--|----------------|
| Empty<br>fields(Diner<br>does not leave<br>a star rating<br>and does not<br>leave a written<br>review) | Star rating: 0<br>Enter your review<br>here:      | System displays: "Success Review successfully edited!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, no review, current-date  | System displays: "Success Review successfully edited!" Redirect to HomeScreen. New entry in DiningHistory: 0 stars, no review, current-date  | Pass           |
| Diner only<br>rates star,<br>leaves no<br>written review   | Star rating: 0<br>Enter your review<br>here: Good | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 0 stars, review: "Good", current-date | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 0 stars, review: "Good", current-date | Pass           |
| Diner does not<br>give star rating<br>but leaves a<br>written review                                   | Star rating: 4<br>Enter your review<br>here:      | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 4 stars, no review, current- date     | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 4 stars, no review, current- date     | Pass           |
| Diner leaves<br>star and written<br>review   | Star rating: 4 Enter your review here: Good       | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 4 stars, review: "Good", current-date | System displays: "Success Review successfully edited!" Redirect to HomeScreen. Entry in DiningHistory: 4 stars, review: "Good", current-date | Pass           |

### 3.7 UserScreen

| Test Case                                    | Test Input                       | <b>Expected Result</b>  | Test Result   | Pass /<br>Fail |
|--|----------------------------------|---|---|----------------|
| Empty Field                                  | Enter points to redeem:          | System displays: "Redeem failed Please enter a valid number of points to redeem." | System displays: "Redeem failed Please enter a valid number of points to redeem." | Pass           |
| Not a number                                 | Enter points to redeem: ,        | System displays: "Redeem failed Please enter a valid number of points to redeem." | System displays: "Redeem failed Please enter a valid number of points to redeem." | Pass           |
| Non whole number                             | Enter points to redeem: 0.5      | System displays: "Redeem failed Please enter a valid number of points to redeem." | System displays: "Redeem failed Please enter a valid number of points to redeem." | Pass           |
| Negative<br>number                           | Enter points to redeem: -1       | System displays: "Redeem failed Please enter a valid number of points to redeem." | System displays: "Redeem failed Please enter a valid number of points to redeem." | Pass           |
| Attempts to redeem more points that one have | Enter points to redeem: 99999999 | System displays: "Redeem failed You do not have enough points"                    | System displays: "Redeem failed You do not have enough points"                    | Pass           |
| Successfully redeemed points                 | Enter points to redeem: 3        | System displays: "Redeem success Successfully redeemed \$0.30"                    | System displays: "Redeem success Successfully redeemed \$0.30"                    | Pass           |

### 3.8 FriendsPage

| Test Case        | Test Input          | <b>Expected Result</b>     | Test Result                | Pass / |
|------------------|---------------------|----------------------------|----------------------------|--------|
|                  |                     |                            |                            | Fail   |
| Empty Field      | Enter your friend's | System displays:           | System displays:           | Pass   |
|                  | eater code:         | "Unsuccessful              | "Unsuccessful              |        |
|                  |                     | Please fill in all fields" | Please fill in all fields" |        |
| Eater code       | Enter your friend's | System displays:           | System displays:           | Pass   |
| invalid (no user | eater code: 123445  | "Unsuccessful              | "Unsuccessful              |        |
| exists in        |                     | Please enter a valid       | Please enter a valid       |        |
| database with    |                     | Eater's code"              | Eater's code"              |        |
| that eater code) |                     |                            |                            |        |
| Valid eater      | Enter your friend's | System displays:           | System displays:           | Pass   |
| code             | eater code: Aw2d3d  | "Successful                | "Successful                |        |
|                  |                     | Friend added"              | Friend added"              |        |
|                  |                     | Eater code field cleared.  | Eater code field cleared.  |        |
|                  |                     | New friend entry appears   | New friend entry appears   |        |

### 3.9 PartyPage

| Test Case        | Test Input              | <b>Expected Result</b>       | Test Result                  | Pass / |
|------------------|-------------------------|------------------------------|------------------------------|--------|
|                  |                         |                              |                              | Fail   |
| Empty Field      | Enter total cost spent: | System displays:             | System displays:             | Pass   |
|                  | (Party members: 1)      | "Error                       | "Error                       |        |
|                  |                         | Enter a valid cost to split" | Enter a valid cost to split" |        |
| No guests in     | Enter total cost spent: | System displays:             | System displays:             | Pass   |
| party            | 10                      | "Empty Party                 | "Empty Party                 |        |
|                  | (Party members: 0)      | Add some friends to start    | Add some friends to start    |        |
|                  |                         | the party"                   | the party"                   |        |
| Cost is 0        | Enter total cost spent: | System displays:             | System displays:             | Pass   |
|                  | 0                       | "Error                       | "Error                       |        |
|                  | (Party members: 1)      | Enter a valid cost to split" | Enter a valid cost to split" |        |
| Cost is not a    | Enter total cost        | System displays:             | System displays:             | Pass   |
| valid number     | spent:,                 | "Error                       | "Error                       |        |
|                  | (Party members: 1)      | Enter a valid cost to split" | Enter a valid cost to split" |        |
| (Cost / num of   | Enter total cost spent: | System displays:             | System displays:             | Pass   |
| guests) is a     | 3                       | "Let's Party!                | "Let's Party!                |        |
| whole number     | (Party members: 3)      | Each guest need to pay       | Each guest need to pay       |        |
|                  |                         | \$1"                         | \$1"                         |        |
| (Cost / num of   | Enter total cost spent: | System displays:             | System displays:             | Pass   |
| guests) is not a | 2                       | "Let's Party!                | "Let's Party!                |        |
| whole number     | (Party members: 3)      | Each guest need to pay       | Each guest need to pay       |        |
|                  |                         | \$0.67"                      | \$0.67"                      |        |

### 3.10 EditProfile — SelectCuisine (after SignUp & from ViewProfile)

| Test Case                | Test Input   | <b>Expected Result</b>  | Test Result   | Pass /<br>Fail |
|--------------------------|--|---|---|----------------|
| Diner selects 2 cuisines | Select favourite<br>cuisines: Western,<br>Chinese                      | System displays: "Selection error Please select at least 3 interests" Remains on same page to reselect cuisines | System displays: "Selection error Please select at least 3 interests" Remains on same page to reselect cuisines | Pass           |
| Diner selects 3 cuisines | Select favourite<br>cuisines:<br>Western, Chinese,<br>Indian           | Success Redirected to RestaurantExperience  | Success Redirected to RestaurantExperience  | Pass           |
| Diner selects 4 cuisines | Select favourite<br>cuisines:<br>Western, Chinese,<br>Indian, Japanese | Success<br>Redirected to<br>RestaurantExperience  | Success<br>Redirected to<br>RestaurantExperience  | Pass           |

# 3.11 EditProfile — RestaurantExperience(after SignUp & from ViewProfile)

| Test Case                                  | Test Input  | <b>Expected Result</b>   | Test Result  | Pass /<br>Fail |
|--|---|--|--|----------------|
| Diner selects<br>restaurant poor<br>fields | Minimum restaurant rating: 1 Maximum proximity: 0m            | System displays: "Preferences saved" Redirected to HomeScreen Blue radius of user not visible Will not see any restaurants when notification toggle is on Able to see updated preferences in ViewProfile         | System displays: "Preferences saved" Redirected to HomeScreen Blue radius of user not visible Will not see any restaurants when notification toggle is on Able to see updated preferences in ViewProfile         | Pass           |
| Diner selects<br>normal fields             | Minimum restaurant<br>rating: 4<br>Maximum proximity:<br>500m | System displays: "Preferences saved" Redirected to HomeScreen Blue radius of 500m around user visible Will see up to 3 restaurants when notification toggle is on Able to see updated preferences in ViewProfile | System displays: "Preferences saved" Redirected to HomeScreen Blue radius of 500m around user visible Will see up to 3 restaurants when notification toggle is on Able to see updated preferences in ViewProfile | Pass           |

# 4. White Box Testing

### 4.1 Account Registration

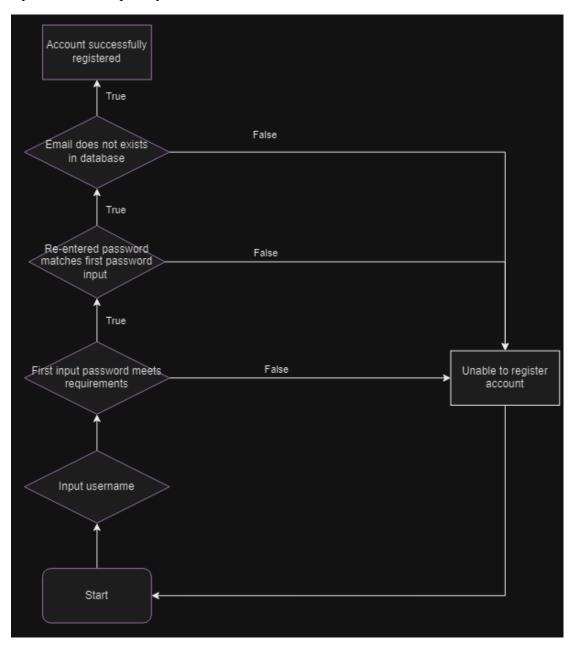
| Test | Scenario ID                   | Register-1   |                              | Test Case                    | ID             | Registe | Register-1A  |  |
|------|-------------------------------|--|------------------------------|------------------------------|----------------|---------|--|--|
|      | t Case                        | Registration –   | Positive                     | Test Priorit                 | y              | High    |  |  |
| Desc | cription                      | Test Case  |                              |                              |                |         |  |  |
| Pre- | Requisite                     | Stable Internet  | Connection                   | Post-Requi                   | isite          | NA      |  |  |
| Test | Execution Sto                 | eps  |                              |                              |                |         |  |  |
| S.   | Actions                       | Inputs   | Expected                     | Actual                       | Test           | Test    | Test   |  |
| No   |                               |  | Output                       | Output                       | Device         | Result  | Comments   |  |
| 1    | Launch<br>Application         | -  | Landing<br>Screen            | Landing<br>Screen            | Expo GO<br>IOS | Pass    | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful |  |
| 2    | After waiting 3 seconds       | -  | Welcome<br>Screen            | Welcome<br>Screen            | Expo GO<br>IOS | Pass    | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful |  |
| 3    | Click Signup                  | -  | Sign Up<br>Page              | Sign Up<br>Page              | Expo GO<br>IOS | Pass    | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful   |  |
| 4    | Signup with valid credentials | Valid unused<br>email address<br>Password<br>meets<br>requirements | Select<br>Preference<br>Page | Select<br>Preference<br>Page | Expo GO<br>IOS | Pass    | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful   |  |

| Test     | Scenario ID   | Register-2  |  | Test Case I  | D              | Register-      | 2A   |
|----------|---|---|--|--|----------------|----------------|--|
|          | Case<br>cription  | Registration -<br>Test Case   | - Negative   | Test Priority  | 7              | High           |  |
|          | Requisite   | Stable Internetion  | et   | Post-Requi   | site           | NA             |  |
| Test     | <b>Execution Ste</b>  | eps   |  |  |                |                |  |
| S.<br>No | Actions   | Inputs  | Expected Output  | Actual<br>Output   | Test<br>Device | Test<br>Result | Test<br>Comments   |
| 1        | Launch<br>Application   | -   | Welcome<br>Page  | Welcome<br>Page  | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful           |
| 2        | After waiting 3 seconds   | -   | Welcome<br>Screen  | Welcome<br>Screen  | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful           |
| 3        | Click Signup  | -   | Sign Up<br>Page  | Sign Up<br>Page  | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful             |
| 4        | Blank Input   | Blank input<br>for at least<br>one of the 4<br>fields   | "Alert,<br>Please fill in<br>all fields".  | "Alert,<br>Please fill in<br>all fields".  | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid email<br>blocked       |
| 5        | Enter invalid<br>email address<br>format while<br>everything<br>else valid  | Email that is not of the format "x@x.x"   | "Invalid<br>email,<br>Please enter<br>a valid<br>email<br>address."  | "Invalid email, Please enter a valid email address."   | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid email<br>blocked       |
| 5        | Enter valid<br>email address,<br>but it already<br>exists in the<br>database<br>while<br>everything<br>else valid | Email that<br>has been<br>taken.  | "Sign up<br>Failed,<br>Email is<br>already<br>registered<br>with another<br>user."                           | "Sign up<br>Failed,<br>Email is<br>already<br>registered<br>with another<br>user."                           | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid email<br>blocked       |
| 6        | Enter invalid<br>password<br>everything<br>else valid   | Password that<br>does not have<br>either:<br>1. 8 chars<br>2. Mixed<br>case<br>3. Alpha<br>numeric<br>4. Symbol | "Invalid Password. Password must be at least 8 characters long and include at least one uppercase character, | "Invalid Password. Password must be at least 8 characters long and include at least one uppercase character, | Expo GO<br>IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid<br>password<br>blocked |

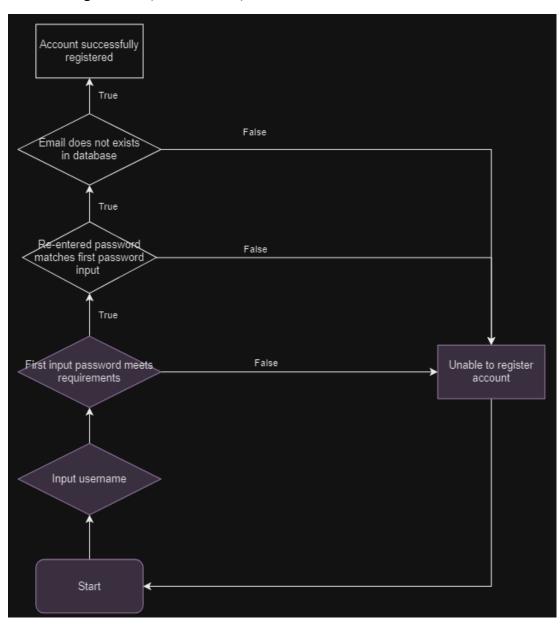
|   |  |  | one<br>lowercase<br>character,<br>one number,<br>and one<br>special<br>character." | one<br>lowercase<br>character,<br>one number,<br>and one<br>special<br>character." |                |      |   |
|---|--|--|--|--|----------------|------|---|
| 7 | Enter 2<br>different<br>passwords,<br>everything<br>else valid | Enter a password that does not match in "Confirm Password" | "Passwords<br>do not<br>match. Re-<br>enter your<br>password to<br>confirm."       | "Passwords<br>do not<br>match. Re-<br>enter your<br>password to<br>confirm."       | Expo GO<br>IOS | Pass | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Password<br>mismatch<br>blocked |

#### Account Registration (Control Flow Graph)

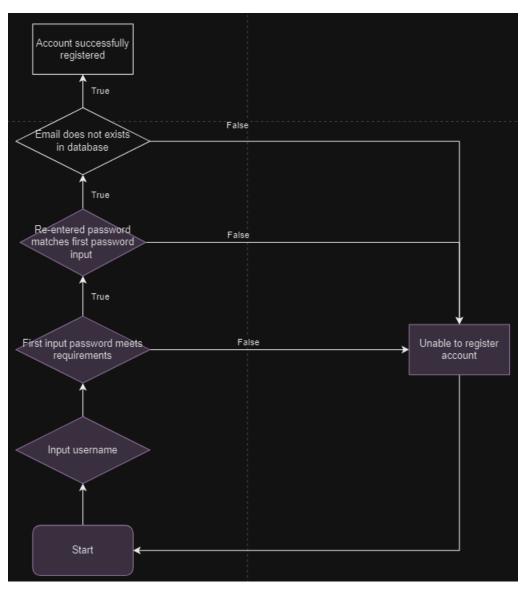
#### Cyclomatic Complexity: 4



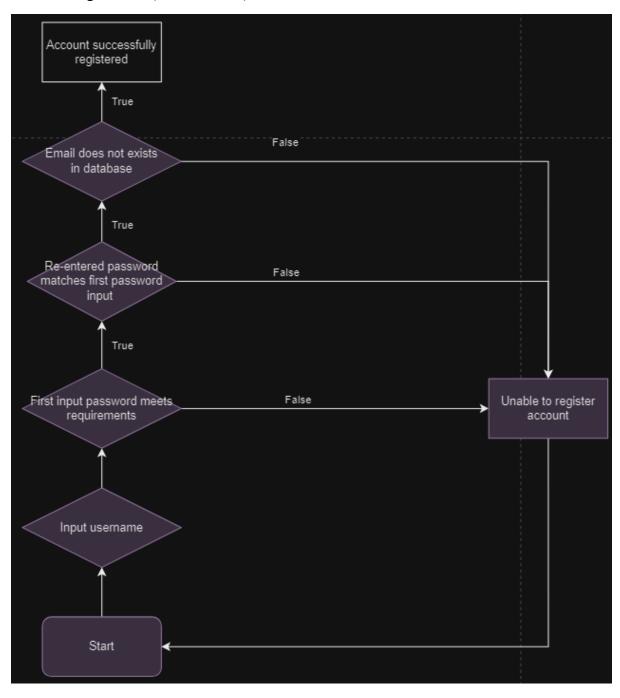
#### Account Registration (Basis Path #1)



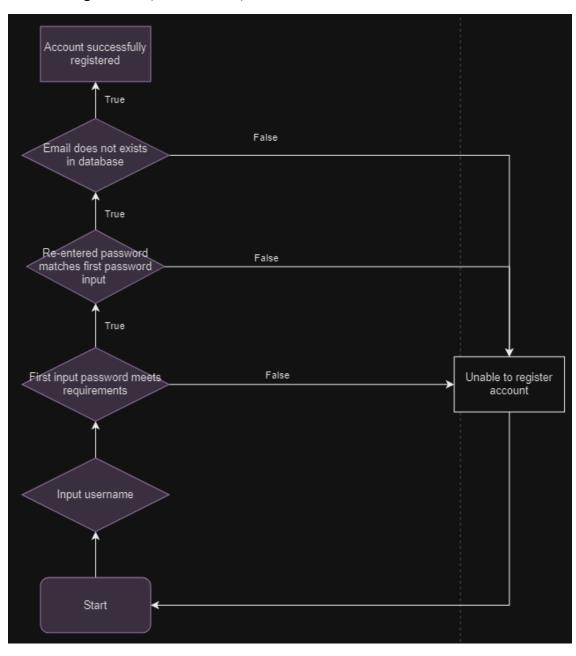
#### Account Registration (Basis Path #2)



#### Account Registration (Basis Path #3)



#### Account Registration (Basis Path #4)



### <u>4.2 Login</u>

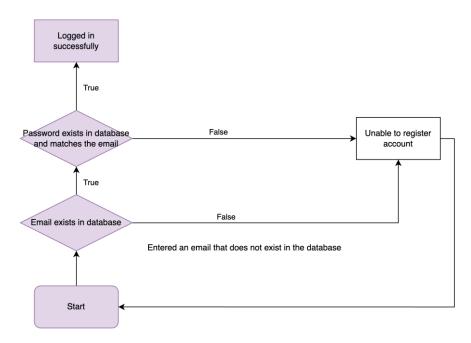
| Test | Scenario ID            | Login-1            |             | <b>Test Case</b> | ID          | Login-1 | A                   |
|------|------------------------|--------------------|-------------|------------------|-------------|---------|---------------------|
|      | Case                   | Login – Po         | sitive Test | Test Priori      | ty          | High    |                     |
| Desc | cription               | Case               |             |                  |             |         |                     |
| Pre- | Requisite              | Stable Inte        | rnet        | Post-Requ        | iisite      | NA      |                     |
|      |                        | Connection         | n and       |                  |             |         |                     |
|      |                        | Already Registered |             |                  |             |         |                     |
| Test | <b>Execution Steps</b> |                    |             |                  |             |         |                     |
| S.   | Actions                | Inputs             | Expected    | Actual           | Test Device | Test    | Test                |
| No   |                        |                    | Output      | Output           |             | Result  | Comments            |
| 1    | Launch                 | -                  | Landing     | Landing          | Expo GO     | Pass    | [Kah Yen            |
|      | Application            |                    | Page        | Page             | IOS         |         | 10/4/2024           |
|      |                        |                    |             |                  |             |         | 2:53 PM]:           |
|      |                        |                    |             |                  |             |         | Launch              |
|      | 1.0                    |                    | *** 1       | *** 1            | 7 00        | _       | successful          |
| 2    | After waiting 3        | -                  | Welcome     | Welcome          | Expo GO     | Pass    | [Kah Yen            |
|      | seconds                |                    | Screen      | Screen           | IOS         |         | 10/4/2024           |
|      |                        |                    |             |                  |             |         | 2:53 PM]:<br>Launch |
|      |                        |                    |             |                  |             |         | successful          |
| 2    | Click Login            |                    | Login       | Login            | Expo GO     | Pass    | [Kah Yen            |
|      | Chek Login             | _                  | Page        | Page             | IOS         | 1 433   | 10/4/2024           |
|      |                        |                    | Tuge        | 1 ugo            | 100         |         | 2:53 PM]:           |
|      |                        |                    |             |                  |             |         | Load                |
|      |                        |                    |             |                  |             |         | successful          |
| 3    | Enter Valid Email      | Valid              | Home        | Home             | Expo GO     | Pass    | [Kah Yen            |
|      | that exists in the     | Username           | screen      | screen           | IOS         |         | 10/4/2024           |
|      | database and           | and                | Page        | Page             |             |         | 2:53 PM]:           |
|      | correct password       | Password           |             |                  |             |         | Load                |
|      |                        |                    |             |                  |             |         | successful          |

| Test     | Scenario ID  | Login-2   |  | Test Case I   | D              | Login-2        | 2A  |
|----------|--|---|--|---|----------------|----------------|---|
| Test     | Case   | Login – Negat   | ive Test Case  | Test Priority   | 7              | High           |   |
| Desc     | cription   |   |  |   |                |                |   |
| Pre-     | Requisite  | Stable Internet   | Connection   | Post-Requi  | site           | NA             |   |
| Test     | <b>Execution Ste</b>   | eps   |  |   |                |                |   |
| S.<br>No | Actions  | Inputs  | Expected Output  | Actual<br>Output  | Test<br>Device | Test<br>Result | Test<br>Comments  |
| 1        | Launch<br>Application  | -   | Landing Page   | Landing<br>Page   | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful                |
| 2        | After waiting 3 seconds  | -   | Welcome<br>Screen  | Welcome<br>Screen   | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Launch<br>successful                |
| 3        | Click Login  | -   | Login Page   | Login Page  | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful                  |
| 4        | Empty input  | Empty Input<br>for at least one<br>of the 2 fields                  | "Log in failed.<br>Please fill in<br>all fields"                   | "Log in<br>failed.<br>Please fill in<br>all fields"                   | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful                  |
| 5        | Entered<br>invalid email<br>that does not<br>exists in the<br>database | Invalid email<br>that does not<br>exists in the<br>database         | "Log in failed.<br>No user found<br>with this<br>email<br>address" | "Log in<br>failed. No<br>user found<br>with this<br>email<br>address" | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid login<br>attempt<br>stopped |
| 6        | Enter valid<br>email but<br>invalid<br>password                        | Invalid password that does not match with the email in the database | "Log in failed.<br>The password<br>is incorrect"                   | "Log in<br>failed. The<br>password is<br>incorrect"                   | Expo<br>GO IOS | Pass           | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Invalid login<br>attempt<br>stopped |

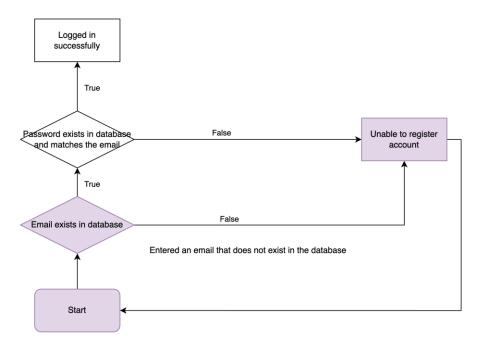
#### Login (Control Flow Graph)

#### Cyclomatic Complexity: 3

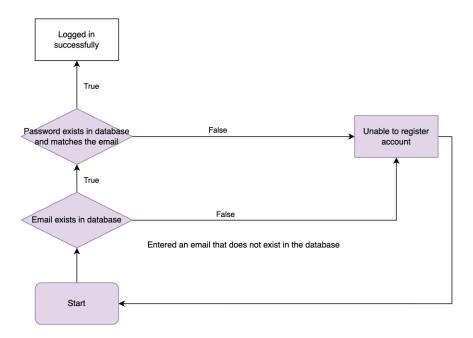
#### Login (Basis Path #1)



#### Login (Basis Path #2)



#### Login (Basis Path #3)

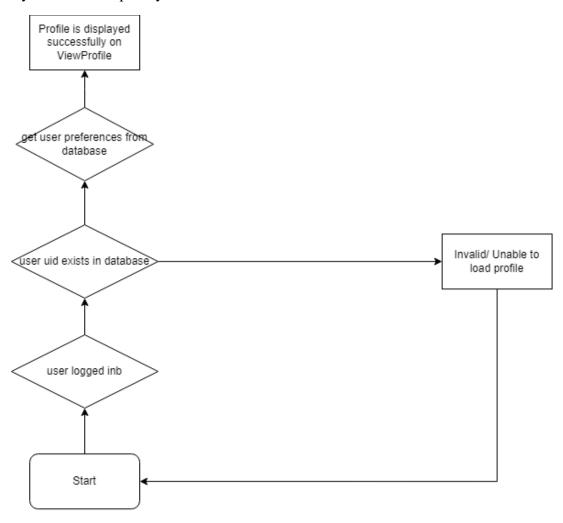


### 4.3 View Profile

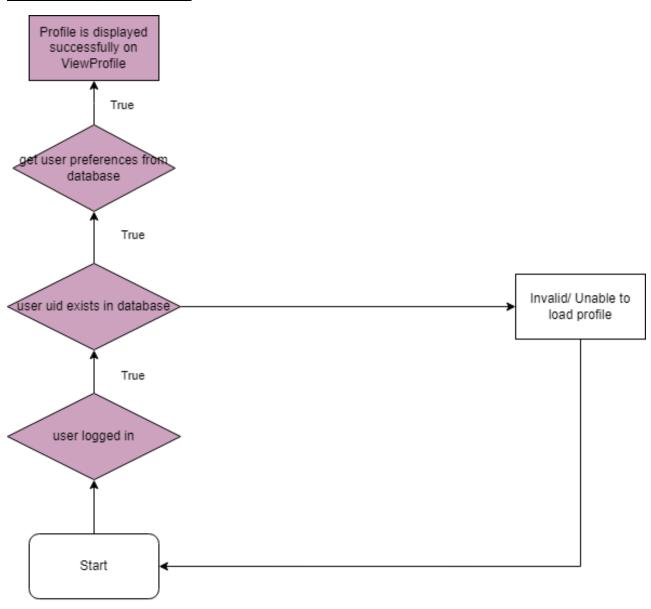
| Test | Scenario  | ViewProfi   | le-1                          | Test Case ID         |         | ViewPro  | file-1A    |
|------|-----------|-------------|-------------------------------|----------------------|---------|----------|------------|
| ID   |           |             |                               |                      |         |          |            |
| Test | Case      | View Prof   | ile – Positive                | <b>Test Priority</b> |         | High     |            |
| Desc | cription  | Test Case   |                               | •                    |         |          |            |
| Pre- | Requisite | Stable Inte | rnet                          | Post-Requisite       |         | NA       |            |
|      | _         | Connection  | n and logged                  | •                    |         |          |            |
| in   |           |             |                               |                      |         |          |            |
| Test | Execution | Steps:      |                               |                      |         |          |            |
| S.   | Actions   | Inputs      | Expected                      | Actual               | Test    | Test     | Test       |
| No   |           |             | Output                        | Output               | Browser | Result   | Comments   |
| 1    | Click     | -           | View Profile                  | View Profile         | Expo GO | Pass     | [Jia En    |
|      | View      |             | Page, shows                   | Page, shows          | IOS     |          | 10/4/2024  |
|      | Profile   |             | user profile user profile and |                      |         | 3:00PM]: |            |
|      | Icon      |             | and the user                  | the user             |         |          | Load       |
|      |           |             | selected                      | selected             |         |          | successful |
|      |           |             | preferences                   | preferences          |         |          |            |

### View Profile (Control Flow Graph)

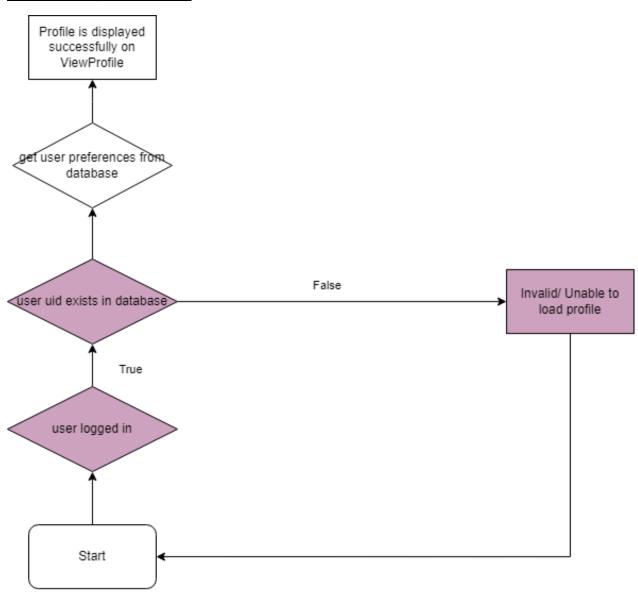
#### Cyclomatic Complexity: 2



#### View Profile (Basis Path #1)



#### View Profile (Basis Path #2)



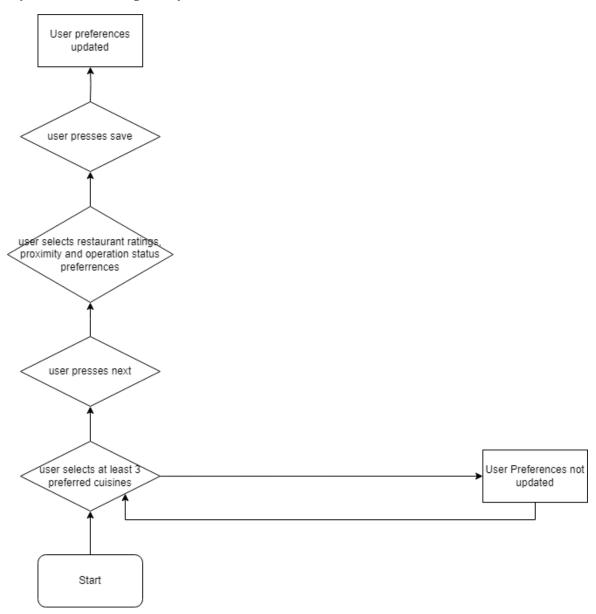
### 4.4 Edit Profile

| Test<br>ID | Scenario  | EditProfile-  | -1  | Test Case ID  |                 | EditProf       | ïle -1A  |
|------------|---|---|---|---|-----------------|----------------|--|
|            | Case<br>cription  | Edit Profile<br>Test Case                                       | – Positive  | Test Priority   |                 | High           |  |
| Pre-       | Requisite   | Stable Inter<br>Connection<br>in                                | net<br>and logged   | Post-Requisit   | e               | NA             |  |
| Test       | Execution   | Steps:  |   |   |                 | •              |  |
| S.<br>No   | Actions   | Inputs  | Expected Output   | Actual<br>Output  | Test<br>Browser | Test<br>Result | Test<br>Comments                                       |
| 1          | Click Edit<br>Profile<br>Button                                     | -   | Select Cuisine<br>Page  | Select Cuisine<br>Page  | Expo GO<br>IOS  | Pass           | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 2          | Select/<br>Deselect<br>preferred<br>cuisines                        | -   | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Expo GO<br>IOS  | Pass           | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3          | Click Next  | Minimum 3<br>preferred<br>cuisines<br>selected                  | Restaurant<br>Experience<br>Page                                | Restaurant<br>Experience<br>Page                                | Expo GO<br>IOS  | Pass           | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 4          | Change restaurant ratings, proximity, and operation status settings | -   | Changes are<br>shown on the<br>restaurant<br>experience<br>page | Changes are<br>shown on the<br>restaurant<br>experience<br>page | Expo GO<br>IOS  | Pass           | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 5          | Click Save  | Restaurant ratings, proximity, and operation status preferences | "Preferences<br>Saved" popup,<br>return to home<br>screen       | "Preferences<br>Saved" popup,<br>return to home<br>screen       | Expo GO<br>IOS  | Pass           | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

| Test Scenario<br>ID |  | EditProfile-2  |   | Test Case ID  |                 | EditProfile -2A |  |
|---------------------|--|--|---|---|-----------------|-----------------|--|
| Test                | Case<br>cription   | Edit Profile<br>Test Case                                      | - Negative  | Test Priority   |                 | High            |  |
| Pre-                | Requisite  | Stable Inter<br>Connection<br>in                               | net<br>and logged   | Post-Requisite  | е               | NA              |  |
| Test                | Execution  | Steps:   |   |   |                 |                 |  |
| S.<br>No            | Actions  | Inputs   | Expected Output   | Actual<br>Output  | Test<br>Browser | Test<br>Result  | Test<br>Comments                                       |
| 1                   | Click Edit<br>Profile<br>Button                                    | -  | Select Cuisine<br>Page  | Select Cuisine<br>Page  | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 2                   | Select/Des<br>elect<br>preferred<br>cuisines                       | -  | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3                   | Click Next   | Less than 3<br>preferred<br>cuisines<br>selected               | "Selection<br>Error" popup                                      | "Selection<br>Error" popup                                      | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 2                   | Select/Des<br>elect<br>preferred<br>cuisines                       | -  | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Selected<br>cuisines are<br>highlighted/<br>unhighlighted       | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3                   | Click Next   | Minimum 3<br>preferred<br>cuisines<br>selected                 | Restaurant<br>Experience<br>Page                                | Restaurant<br>Experience<br>Page                                | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 4                   | Change restaurant ratings, proximity and operation status settings | -  | Changes are<br>shown on the<br>restaurant<br>experience<br>page | Changes are<br>shown on the<br>restaurant<br>experience<br>page | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 5                   | Click Save   | Restaurant ratings, proximity and operation status preferences | "Preferences<br>Saved" popup,<br>return to<br>homescreen        | "Preferences<br>Saved" popup,<br>return to<br>homescreen        | Expo GO<br>IOS  | Pass            | [Jia En<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

### Edit Profile (Control Flow Graph)

### Cyclomatic Complexity: 2



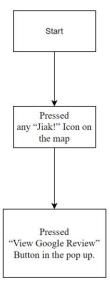
### 4.5 Edit Notification Settings

| 700 4 | <b>a</b> •                      | TO 1'AT C'C' | . G             | TO A CO ID      |         | TI 1'AT . | C             |
|-------|---------------------------------|--------------|-----------------|-----------------|---------|-----------|---------------|
| Test  | Scenario                        | EditNotific  | cationSettings- | Test Case ID    |         |           | ficationSetti |
| ID    |                                 | 1            |                 |                 |         | ngs -1A   |               |
| Test  | Case                            | Edit Notifi  | cation Settings | Test Priority   |         | High      |               |
| Desc  | escription – Positive Test Case |              |                 |                 |         |           |               |
| Pre-  | <b>Pre-Requisite</b> St         |              | rnet            | Post-Requisite  | 2       | NA        |               |
| •     |                                 | Connection   | n and logged    | _               |         |           |               |
|       |                                 | in           |                 |                 |         |           |               |
| Test  | Execution                       | Steps:       |                 |                 |         |           |               |
| S.    | Actions                         | Inputs       | Expected        | Actual          | Test    | Test      | Test          |
| No    |                                 | _            | Output          | Output          | Browser | Result    | Comments      |
| 1     | Toggle                          | -            | "NotificationO  | "NotificationO  | Expo GO | Pass      | [Jia En       |
|       | Notificatio                     |              | n" popup,       | n" popup,       | IOS     |           | 10/4/2024     |
|       | n Settings                      |              | nearby          | nearby          |         |           | 3:00PM]:      |
|       | from off to                     |              | suggested       | suggested       |         |           | Load          |
|       | on                              |              | restaurants are | restaurants are |         |           | successful    |
|       |                                 |              | shown           | shown           |         |           |               |
| 2     | Toggle                          | -            | Stop showing    | Stop showing    | Expo GO | Pass      | [Jia En       |
|       | Notificatio                     |              | suggested       | suggested       | IOS     |           | 10/4/2024     |
|       | n Settings                      |              | restaurants     | restaurants     |         |           | 3:00PM]:      |
|       | from on to                      |              |                 |                 |         |           | Load          |
|       | of                              |              |                 |                 |         |           | successful    |

### 4.6 View Restaurant

| Test<br>ID | Scenario   | ViewResta                 | urants-1  | Test Case ID  |                 | ViewRes        | staurants -1A   |
|------------|--|---------------------------|---|---|-----------------|----------------|---|
|            | Case<br>cription                                   | View Rest<br>Positive To  |   | •   |                 | ligh           |   |
| Pre-       | Requisite  | and allowe<br>access loca | n, logged in,<br>ed app to                                | in, Post-Requisite  |                 | NA             |   |
|            | Test Execution Steps:                              |                           |   |   | <b>7</b> D 4    | TD 4           | I TOD   |
| S.<br>No   | Actions  | Inputs                    | Expected Output   | Actual<br>Output  | Test<br>Browser | Test<br>Result | Test<br>Comments  |
| 1          | Pressed<br>any<br>"Jiak!"<br>Icon on<br>the map    | -                         | Pop up of restaurant details at the bottom of the screen. | Pop up of restaurant details at the bottom of the screen. | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 2          | Pressed "View Google Review" Button in the pop up. | -                         | User Review<br>Screen                                     | User Review<br>Screen                                     | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

### Cyclomatic Complexity: 1



#### 4.7 Jiak! At Restaurant

| Test<br>ID | Scenario   | enario ViewRestaurants-1 Test Case ID   |  |  | ViewRes         | staurants -1A  |   |
|------------|--|---|--|--|-----------------|----------------|---|
|            | Case<br>cription   | View Resta<br>Positive Te   |  | Test Priority  |                 | High           |   |
|            | P-Requisite Stable Internet Connection, logged in, and allowed app to access location  St Execution Steps: |   | NA   |  |                 |                |   |
| S.<br>No   | Actions  | Inputs  | Expected<br>Output   | Actual<br>Output   | Test<br>Browser | Test<br>Result | Test<br>Comments  |
| 1          | Pressed<br>any<br>"Jiak!"<br>Icon on<br>the map  | -   | Pop up of restaurant details at the bottom of the screen.                | Pop up of restaurant details at the bottom of the screen.              | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 2          | Pressed "Jiak!" Button in pop up   | -   | Review<br>Landing Page   | Review<br>Landing Page   | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3          | Pressed<br>"Review"<br>button  | -   | Review Page  | Review Page  | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 4          | Pressed<br>"Submit"<br>button to<br>submit the<br>review   | Any star<br>between 0<br>to 5, and<br>reviews of<br>any length.<br>(Allows<br>no written<br>review) | "Review<br>Submitted.<br>You have<br>earned 5<br>points!"<br>Home Screen | "Review<br>Submitted. You<br>have earned 5<br>points!"<br>Home Screen. | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

| Test Scenario         |         | ViewRestaurants-2      |          | Test Case ID   |         | ViewRestaurants -2A |          |
|-----------------------|---------|------------------------|----------|----------------|---------|---------------------|----------|
| ID                    |         |                        |          |                |         |                     |          |
| Test Case             |         | View Restaurant –      |          | Test Priority  |         | High                |          |
| Description           |         | Positive Test Case     |          |                |         |                     |          |
| Pre-Requisite         |         | Stable Internet        |          | Post-Requisite |         | NA                  |          |
| _                     |         | Connection, logged in, |          |                |         |                     |          |
|                       |         | and allowed app to     |          |                |         |                     |          |
|                       |         | access location        |          |                |         |                     |          |
| Test Execution Steps: |         |                        |          |                |         |                     |          |
| S.                    | Actions | Inputs                 | Expected | Actual         | Test    | Test                | Test     |
| No                    |         |                        | Output   | Output         | Browser | Result              | Comments |

| 1 | Notification<br>turned on in<br>Notification<br>setting  | -  | Pop up of restaurant details at the bottom of the screen.                | Pop up of restaurant details at the bottom of the screen.              | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
|---|--|--|--|--|----------------|------|---|
| 2 | Pressed "Jiak!" Button in pop up                         | -  | Review<br>Landing Page   | Review<br>Landing Page   | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3 | Pressed<br>"Review"<br>button                            | -  | Review Page  | Review Page  | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 4 | Pressed<br>"Submit"<br>button to<br>submit the<br>review | Any star<br>between<br>0 to 5,<br>and<br>reviews<br>of any<br>length.<br>(Allows<br>no<br>written<br>review) | "Review<br>Submitted.<br>You have<br>earned 5<br>points!"<br>Home Screen | "Review<br>Submitted. You<br>have earned 5<br>points!"<br>Home Screen. | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

| Test Scenario<br>ID      |   | ViewRestaurants-3   |   | Test Case ID                                    |                            | ViewRestaurants -3A    |   |
|--------------------------|---|---|---|---|----------------------------|------------------------|---|
| Test Case<br>Description |   | View Restaurant –<br>Positive Test Case                                   |   | <b>Test Priority</b>                            |                            | High                   |   |
| Pre-Requisite            |   | Stable Internet Connection, logged in, and allowed app to access location |   | Post-Requisite                                  |                            | NA                     |   |
| Test Execution Steps:    |   |   |   |   |                            |                        |   |
| S.<br>No                 | Actions Pressed                           | Inputs  | Expected Output Pop up of                       | Actual Output Pop up of                         | Test<br>Browser<br>Expo GO | Test<br>Result<br>Pass | Test Comments [Le Yanzhi                                  |
| 1                        | any "Jiak!" Icon on the map               | -   | restaurant details at the bottom of the screen. | restaurant details at the bottom of the screen. | IOS                        | rass                   | 10/4/2024<br>3:00PM]:<br>Load<br>successful               |
| 2                        | Pressed<br>"Jiak!"<br>Button in<br>pop up | -   | Review<br>Landing Page                          | Review<br>Landing Page                          | Expo GO<br>IOS             | Pass                   | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

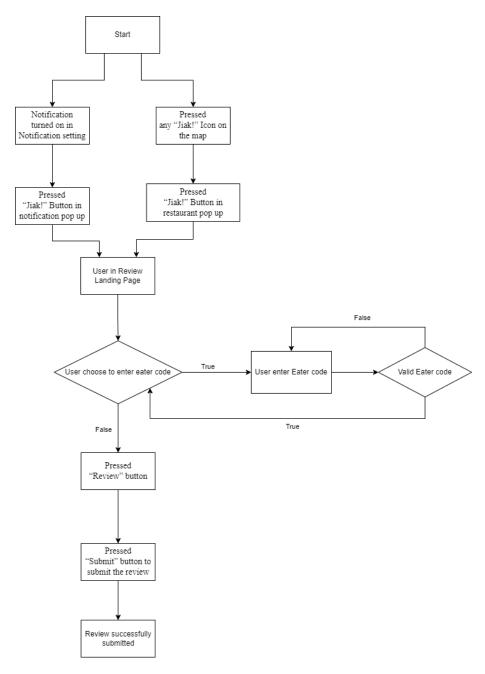
| 3 | Pressed<br>referral<br>code<br>button        | -   | Input Referral<br>Code Page   | Input Referral<br>Code Page   | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
|---|--|---|---|---|----------------|------|---|
| 4 | Valid<br>Eater code                          | Entered a valid eater code that has not been used.  | "Code Redeemed. Show this popup to the cashier to redeem your discount" Review Landing Page | "Code Redeemed. Show this popup to the cashier to redeem your discount" Review Landing Page | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 5 | Pressed<br>"Review"<br>button                | -   | Review Page   | Review Page   | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 6 | Pressed "Submit" button to submit the review | Any star<br>between 0<br>to 5, and<br>reviews of<br>any length.<br>(Allows<br>no written<br>review) | "Review<br>Submitted.<br>You have<br>earned 5<br>points!"<br>Home Screen                    | "Review<br>Submitted. You<br>have earned 5<br>points!"<br>Home Screen.                      | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

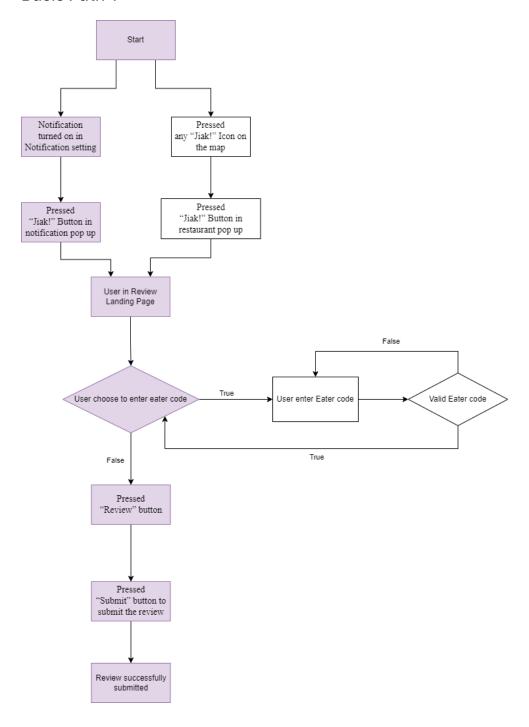
| Test<br>ID                    | Scenario  | ViewResta   | nurants-3   | Test Case ID  |                 | ViewRes        | ViewRestaurants -3A                                       |  |
|-------------------------------|---|---|---|---|-----------------|----------------|---|--|
|                               | Cest CaseView Restaurant –DescriptionPositive Test Case |   |   | Test Priority   |                 | High           |   |  |
| Pre-Requisite  Test Execution |   | Stable Internet Connection, logged in, and allowed app to access location |   | Post-Requisite  |                 | NA             |   |  |
| S.<br>No                      | Actions   | Inputs  | Expected<br>Output  | Actual<br>Output  | Test<br>Browser | Test<br>Result | Test<br>Comments  |  |
| 1                             | Pressed<br>any<br>"Jiak!"<br>Icon on<br>the map         | -   | Pop up of restaurant details at the bottom of the screen. | Pop up of restaurant details at the bottom of the screen. | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |  |
| 2                             | Pressed<br>"Jiak!"<br>Button in<br>pop up               | -   | Review<br>Landing Page                                    | Review<br>Landing Page                                    | Expo GO<br>IOS  | Pass           | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |  |
| 3                             | Pressed referral  | -   | Input Referral<br>Code Page                               | Input Referral<br>Code Page                               | Expo GO<br>IOS  | Pass           | [Le Yanzhi 10/4/2024                                      |  |

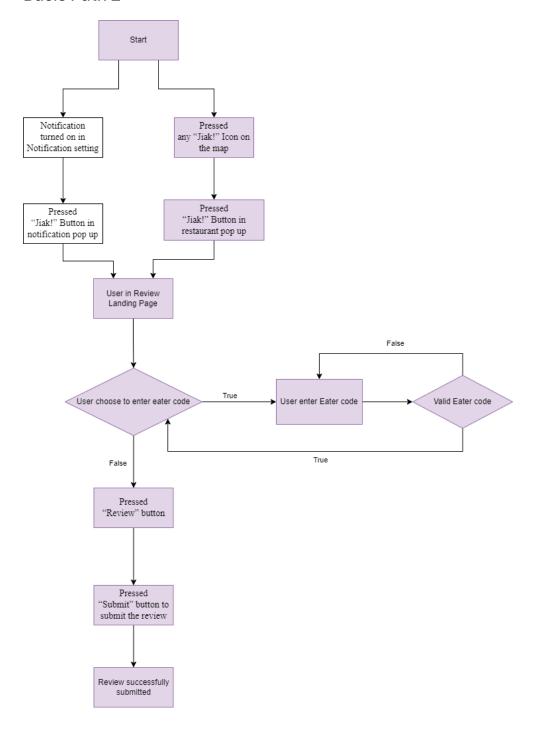
|   | code<br>button   |   |   |   |                |      | 3:00PM]:<br>Load<br>successful                            |
|---|--|---|---|---|----------------|------|---|
| 4 | Valid<br>Eater code                                      | Entered a valid eater code that has not been used.  | "Code Redeemed. Show this popup to the cashier to redeem your discount" Review Landing Page | "Code Redeemed. Show this popup to the cashier to redeem your discount" Review Landing Page | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 5 | Pressed<br>"Review"<br>button                            | -   | Review Page   | Review Page   | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 6 | Pressed<br>"Submit"<br>button to<br>submit the<br>review | Any star<br>between 0<br>to 5, and<br>reviews of<br>any length.<br>(Allows<br>no written<br>review) | "Review<br>Submitted.<br>You have<br>earned 5<br>points!"<br>Home Screen                    | "Review<br>Submitted. You<br>have earned 5<br>points!"<br>Home Screen.                      | Expo GO<br>IOS | Pass | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

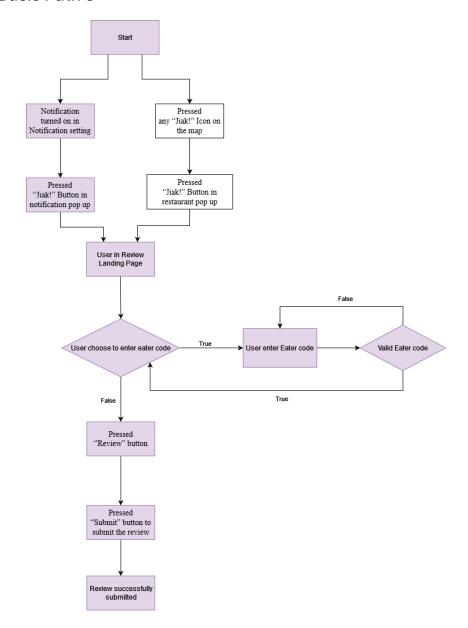
| Test | Scenario       | ViewResta          | nurants-4         | Test Case ID         |               | ViewRe   | staurants -4A      |  |
|------|----------------|--------------------|-------------------|----------------------|---------------|----------|--------------------|--|
| ID   |                |                    |                   |                      |               |          |                    |  |
|      | Case           |                    | View Restaurant – |                      | Test Priority |          | High               |  |
|      | cription       | Negative Test Case |                   |                      |               |          |                    |  |
| Pre- | Requisite      | Stable Internet    |                   | Post-Requisit        | e             | NA       |                    |  |
|      |                | Connection         | n, logged in,     | -                    |               |          |                    |  |
|      |                | and allowe         | ed app to         |                      |               |          |                    |  |
|      |                | access loca        | ation             |                      |               |          |                    |  |
| Test | Execution      | <b>Steps:</b>      |                   |                      |               |          |                    |  |
| S.   | Actions        | Inputs             | Expected          | Actual               | Test          | Test     | Test               |  |
| No   |                | <b>L</b>           | Output            | Output               | Browser       | Result   | Comments           |  |
| 1    | Pressed        | -                  | Pop up of         | Pop up of            | Expo GO       | Pass     | [Le Yanzhi         |  |
|      | any            |                    | restaurant        | restaurant           | IOS           |          | 10/4/2024          |  |
|      | "Jiak!"        |                    | details at the    | details at the       |               |          | 3:00PM]:           |  |
|      | Icon on        |                    | bottom of the     | bottom of the        |               |          | Load               |  |
|      | the map        |                    | screen.           | screen.              |               |          | successful         |  |
| 2    | Pressed        | -                  | Review            | Review               | Expo GO       | Pass     | [Le Yanzhi         |  |
| _    | "Jiak!"        |                    | Landing Page      | Landing Page         | IOS           | 1 435    | 10/4/2024          |  |
|      | Button in      |                    |                   |                      |               |          | 3:00PM]:           |  |
|      | pop up         |                    |                   |                      |               |          | Load               |  |
|      |                |                    |                   |                      |               |          | successful         |  |
| 3    | Pressed        | -                  | Input Referral    | Input Referral       | Expo GO       | Pass     | [Le Yanzhi         |  |
|      | referral       |                    | Code Page         | Code Page            | IOS           |          | 10/4/2024          |  |
|      | code<br>button |                    |                   |                      |               |          | 3:00PM]:<br>Load   |  |
|      | Dutton         |                    |                   |                      |               |          | successful         |  |
| 4    | Empty          | Empty              | "Error. Please    | "Error. Please       | Expo GO       | Pass     | [Le Yanzhi         |  |
|      | Field          | Field for          | enter a referral  | enter a referral     | IOS           | 1 433    | 10/4/2024          |  |
|      |                | referral           | code before       | code before          | 102           |          | 3:00PM]:           |  |
|      |                | code.              | submitting."      | submitting."         |               |          | Load               |  |
|      |                |                    |                   |                      |               |          | successful         |  |
| 5    | Invalid        | Entered a          | "Invalid          | "Invalid             | Expo GO       | Pass     | [Le Yanzhi         |  |
|      | Referral       | referral           | Referral Code.    | Referral Code.       | IOS           |          | 10/4/2024          |  |
|      | code           | code that          | Please enter a    | Please enter a       |               |          | 3:00PM]:           |  |
|      |                | does not           | valid referral    | valid referral code" |               |          | Load<br>successful |  |
|      |                | exist /<br>have    | code              | code                 |               |          | successiui         |  |
|      |                | already            |                   |                      |               |          |                    |  |
|      |                | been used.         |                   |                      |               |          |                    |  |
|      | 1              | occii uscu.        | 1                 |                      |               | <u> </u> | L                  |  |

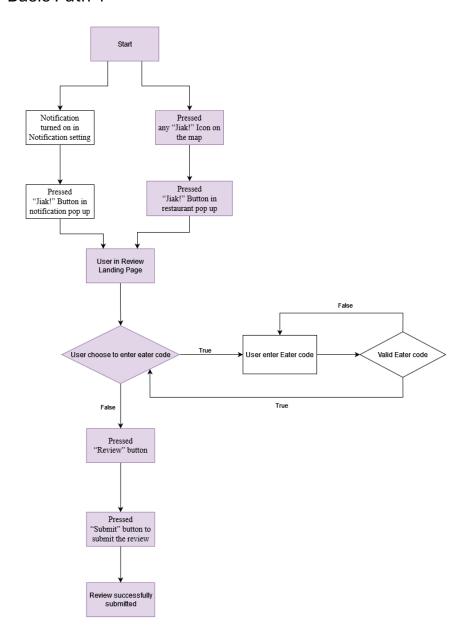
# Cyclomatic Complexity: 4











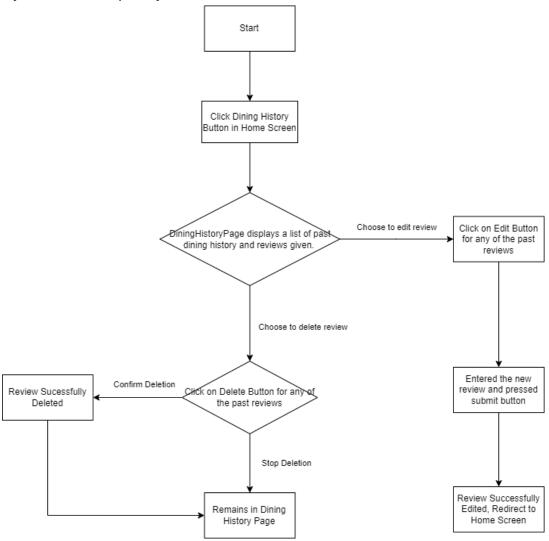
# 4.8 Dining History

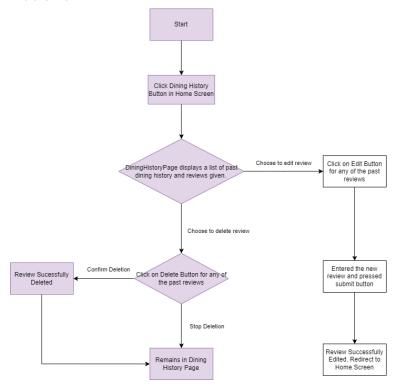
| Test       | Scenario ID   | DiningHis   | tory-1   | <b>Test Case</b>   | ID                             | DiningHistory-1A |  |
|------------|---|---|--|--|--------------------------------|------------------|--|
| Test       | Case  | DiningHist  |  | Test Priori  | ty                             | Medium           |  |
| Desc       | cription  | EditReview  |  | -  |                                |                  |  |
| Pre-       | Requisite   | Stable Inte   |  | Post-Requ  | isite                          | NA               |  |
|            |   | Connection  | n and  |  |                                |                  |  |
|            |   | logged in   |  |  |                                |                  |  |
| Test       | <b>Execution Steps</b>  |   |  |  |                                |                  |  |
| S. Actions |   | Inputs  | Expected   | Actual   | Test                           | Test             | Test   |
| No         |   |   | Output   | Output   | Device                         | Result           | Comments   |
| 2          | Click Dining History Button in Home Screen  Click on Edit Button for any of the past reviews. | -   | Dining History Page. Displays a list of past dining history and reviews given. Review Page | Dining History Page. Displays a list of past dining history and reviews given. Review Page | Expo GO<br>IOS  Expo GO<br>IOS | Pass Pass        | [Kah Yen 10/4/2024 2:53 PM]: Load successful [Le Yanzhi 10/4/2024 3:00PM]: Load successful |
| 3          | Pressed "Submit"<br>button to submit<br>the review  | Any star<br>between 0<br>to 5, and<br>reviews of<br>any length.<br>(Allows no<br>written<br>review) | "Success.<br>Review<br>successfull<br>y edited!"<br>Home<br>Screen                         | "Success.<br>Review<br>successfull<br>y edited!"<br>Home<br>Screen                         | Expo GO<br>IOS                 | Pass             | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful                                  |

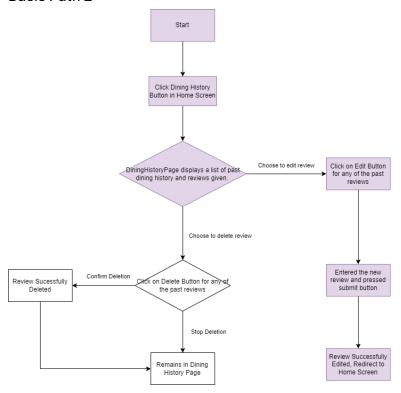
| Test | Scenario ID   | DiningHis   | tory-2   | <b>Test Case</b>   | ID                             | DiningH | istory-2A   |
|------|---|---|--|--|--------------------------------|---------|---|
| Test | Case  | DiningHist  | ory –  | Test Priori  | ty                             | Medium  |   |
| Desc | cription  | DeleteRevi  | iew  |  |                                |         |   |
| Pre- | Requisite   | Stable Internet   |  | Post-Requ  | isite                          | NA      |   |
|      |   | Connection  | n and  |  |                                |         |   |
|      |   | logged in   |  |  |                                |         |   |
| Test | <b>Execution Steps</b>  |   |  |  |                                |         |   |
| S.   | Actions   | Inputs  | Expected   | Actual   | Test                           | Test    | Test  |
| No   |   |   | Output   | Output   | Device                         | Result  | Comments  |
| 2    | Click Dining History Button in Home Screen  Click on Delete Button for any of the past reviews. | -   | Dining History Page. Displays a list of past dining history and reviews given. Review Page | Dining History Page. Displays a list of past dining history and reviews given. Review Page | Expo GO<br>IOS  Expo GO<br>IOS | Pass    | [Kah Yen 10/4/2024 2:53 PM]: Load successful [Le Yanzhi 10/4/2024 3:00PM]: Load |
| 3    | Pressed "Yes" to<br>confirm review<br>deletion  | Any star<br>between 0<br>to 5, and<br>reviews of<br>any length.<br>(Allows no<br>written<br>review) | "Alert. Review Deleted" Remains in Dining History Page.                                    | "Alert. Review Deleted" Remains in Dining History Page.                                    | Expo GO<br>IOS                 | Pass    | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful                       |

| Test       | Scenario ID   | DiningHis       | tory-3   | Test Case  | ID             | DiningH | istory-2B   |
|------------|---|-----------------|--|--|----------------|---------|---|
| Test       | Case  | DiningHist      | •  | Test Priority  |                | Medium  |   |
| Desc       | cription  | DeleteRevi      | iew  |  |                |         |   |
| Pre-       | Requisite   | Stable Internet |  | Post-Requ  | Post-Requisite |         |   |
|            |   | Connection and  |  |  |                |         |   |
|            |   | logged in       |  |  |                |         |   |
| Test       | <b>Execution Steps</b>                                    |                 |  |  |                |         |   |
| S. Actions |   | Inputs          | Expected   | Actual   | Test           | Test    | Test  |
| No         |   |                 | Output   | Output   | Device         | Result  | Comments  |
| 1          | Click Dining History Button in Home Screen                | -               | Dining History Page. Displays a list of past dining history and reviews given. | Dining History Page. Displays a list of past dining history and reviews given. | Expo GO<br>IOS | Pass    | [Kah Yen<br>10/4/2024<br>2:53 PM]:<br>Load<br>successful  |
| 2          | Click on Delete<br>Button for any of<br>the past reviews. | -               | Review<br>Page   | Review<br>Page   | Expo GO<br>IOS | Pass    | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |
| 3          | Pressed "No" to<br>stop review<br>deletion                | -               | Remains in<br>Dining<br>History<br>Page.                                       | Remains in<br>Dining<br>History<br>Page.                                       | Expo GO<br>IOS | Pass    | [Le Yanzhi<br>10/4/2024<br>3:00PM]:<br>Load<br>successful |

## Cyclomatic Complexity: 2



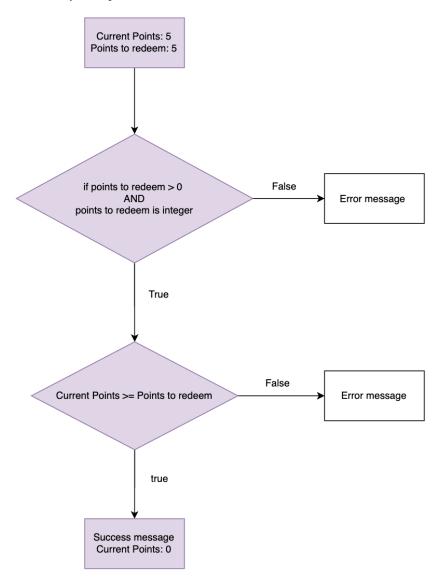




# 4.9 Redeem Points

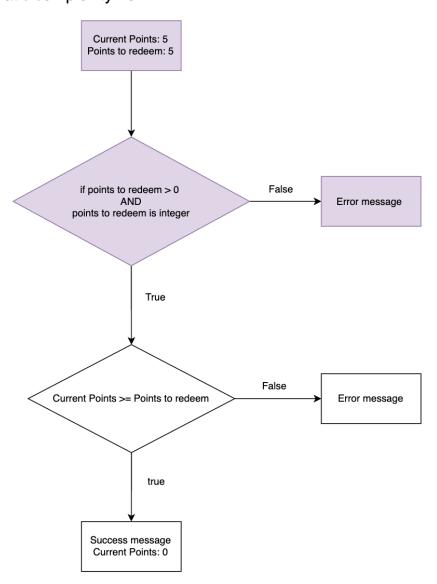
| Test So       | enario ID                             | Redeem po   | int-1  | Test Case II   | Test Case ID      |                                      | 1A   |  |
|---------------|---------------------------------------|---|--|--|-------------------|--------------------------------------|--|--|
| Test Ca       | ase                                   | Redeem Points positive  |  | Test Priority  |                   | Medium                               |  |  |
| Descrip       | ption                                 | test case   |  |  |                   |                                      |  |  |
| Pre-Requisite |                                       | <ol> <li>Stable internet connection</li> <li>Logged in</li> <li>Access to location services</li> <li>Current points &gt; 0</li> </ol> |  | Post-Requisite   |                   | Message of points redeemed displayed |  |  |
| Test Ex       | st Execution Steps                    |   |  |  |                   |                                      |  |  |
| S. No         | Actions                               | Inputs  | Expected Output  | Actual<br>Output   | Test<br>Device    | Test<br>Result                       | Test<br>Comments   |  |
| 1             | Click<br>User<br>Button               | -   | Redirected<br>to User<br>Page  | Redirected<br>to User<br>Page  | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redirect<br>successful |  |
| 2             | Enter<br>valid<br>points to<br>redeem | 5<br>(Current<br>points: 5)   | System<br>displays:<br>"Redeem<br>success<br>Successfully<br>redeemed<br>\$0.50" | System<br>displays:<br>"Redeem<br>success<br>Successfully<br>redeemed<br>\$0.50" | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redeem<br>successful   |  |

# Redeem Points Cyclomatic complexity: 3



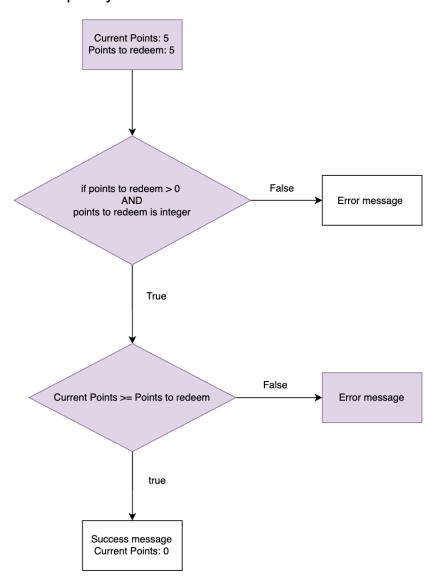
| Test Sc                           | enario ID                               | Redeem po   | int-2  | Test Case I   | D                 | 2A                                   |  |
|-----------------------------------|---|---|--|---|-------------------|--------------------------------------|--|
| Test Ca                           |   |   | ints negative  | Test Priority   | 7                 | Medium                               |  |
| Descrip                           |   | test case (In   |  |   |                   |                                      |  |
| Pre-Requisite  Test Execution St. |   | <ul> <li>5. Stable internet connection</li> <li>6. Logged in</li> <li>7. Access to location services</li> <li>8. Current points &gt; 0</li> </ul> |  | Post-Requisite  |                   | Message of points redeemed displayed |  |
| Test Ex                           | xecution Sto                            | eps   |  |   |                   |                                      |  |
| S. No                             | Actions                                 | Inputs  | Expected Output  | Actual<br>Output  | Test<br>Device    | Test<br>Result                       | Test<br>Comments   |
| 1                                 | Click<br>User<br>Button                 | -   | Redirected<br>to User<br>Page  | Redirected<br>to User<br>Page   | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redirect<br>successful |
| 2                                 | Enter<br>Invalid<br>points to<br>redeem | Empty/<br>NAN/ -<br>1/0.5<br>(Current<br>points: 5)   | System<br>displays:<br>"Redeem<br>failed<br>Please enter a<br>valid number<br>of points to<br>redeem." | System<br>displays:<br>"Redeem<br>failed<br>Please enter<br>a valid<br>number of<br>points to<br>redeem." | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redeem<br>unsuccessful |

# Redeem Points Cyclomatic complexity: 3



| Test Sc            | enario ID                               | Redeem po   | int-3  | Test Case I  | D                 | 3A                                   |  |
|--------------------|---|---|--|--|-------------------|--------------------------------------|--|
| Test Ca<br>Descrip |   | Redeem Points negative test case ((nsufficient  |  | Test Priority  |                   | Medium                               |  |
| _                  |   | points)   |  |  |                   |                                      |  |
| Pre-Requisite      |   | 9. Stable internet connection 10. Logged in 11. Access to location services 12. Current points < points to redeem |  | Post-Requisite   |                   | Message of points redeemed displayed |  |
| -                  | xecution Sto                            | eps   |  |  |                   |                                      | <u> </u>   |
| S. No              | Actions                                 | Inputs  | Expected Output  | Actual<br>Output   | Test<br>Device    | Test<br>Result                       | Test<br>Comments   |
| 1                  | Click<br>User<br>Button                 | -   | Redirected<br>to User<br>Page  | Redirected<br>to User<br>Page  | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redirect<br>successful |
| 2                  | Enter<br>Invalid<br>points to<br>redeem | 999999<br>(Current<br>points: 5)  | System<br>displays:<br>"Redeem<br>failed<br>You do not<br>have enough<br>points" | System<br>displays:<br>"Redeem<br>failed<br>You do not<br>have enough<br>points" | Expo<br>GO<br>IOS | Pass                                 | [Xin Wei<br>14/4/2024<br>2:53 PM]:<br>Redeem<br>unsuccessful |

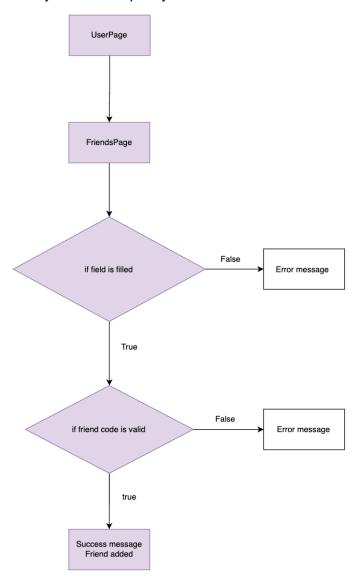
# Redeem Points Cyclomatic complexity: 3



## 4.10 Add Friend

|  | Scenario                          | enario Add friend-1 Test Case ID |  |   | 1A                |  |                        |  |
|--|-----------------------------------|----------------------------------|--|---|-------------------|--|------------------------|--|
| ID<br>Test   | Case                              | Add Friend                       | d positive test  | Test Priority   |                   |  | Medium                 | 1  |
|  | ription                           | cases                            | a positive test  | restricting   |                   |  | Ivicaiaii              | 1  |
| Pre-Requisite  1. Stable internet connection 2. Logged in 3. Access to location services |                                   | nnection<br>gged in<br>cess to   | Post-Requisite   |   |                   | Newly added friend<br>Amount owed: 0<br>Can be added to<br>party |                        |  |
|  | Execution                         | Steps                            | <u>,                                      </u>   | <u>,                                      </u>  |                   |  | _                      |  |
| S.<br>No   | Actions                           | Inputs                           | Expected Output  | Actual Output   | Test D            |  | Test<br>Result<br>Pass | Test<br>Comments   |
| 1  | Click<br>User<br>Button           | -                                | Redirected<br>to User<br>Page  | Redirected<br>to User<br>Page   | IOS               | Expo GO<br>IOS   |                        | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful |
| 2  | Click<br>on<br>Friends<br>Button  | -                                | Redirected<br>to<br>FriendsPage  | Redirected<br>to<br>FriendsPage   | Expo GO<br>IOS    |  | Pass                   | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful |
| 3  | Enter valid friend and Add Friend | Gb5qCG                           | System<br>displays:<br>"Successful<br>Friend added"<br>Eater code<br>field cleared.<br>New friend<br>entry appears | System displays: "Successful Friend added" Eater code field cleared. New friend entry appears | Expo<br>GO<br>IOS | 3:00 PM]   |                        | Added  |

Adding Friend Cyclomatic complexity: 3

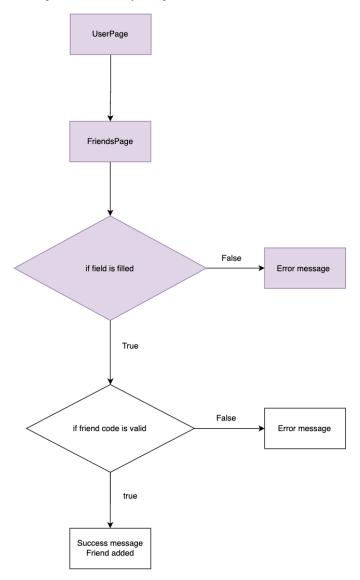


| Test Scenario | Add friend-2   | Test Case ID   | 2A     |
|---------------|--|----------------|--------|
| ID            |  |                |        |
| Test Case     | Add Friend negative  | Test Priority  | Medium |
| Description   | test cases   |                |        |
| Pre-Requisite | <ol> <li>Stable internet connection</li> <li>Logged in</li> <li>Access to location services</li> </ol> | Post-Requisite |        |
| T4 E          | 4  |                |        |

**Test Execution Steps** 

| S. No | Actions                          | Inputs | Expected Output   | Actual<br>Output  | Test<br>Device    | Test<br>Result | Test<br>Comments   |
|-------|----------------------------------|--------|---|---|-------------------|----------------|--|
| 1     | Click<br>User<br>Button          | -      | Redirected<br>to User Page  | Redirected to<br>User Page  | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful       |
| 2     | Click on<br>Friends<br>Button    | -      | Redirected<br>to<br>FriendsPage                                       | Redirected to<br>FriendsPage  | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful       |
| 3     | Enter<br>empty<br>friend<br>code | -      | System<br>displays:<br>"Unsuccessful<br>Please fill in<br>all fields" | System<br>displays:<br>"Unsuccessful<br>Please fill in all<br>fields" | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Friend Added<br>unsuccessful |

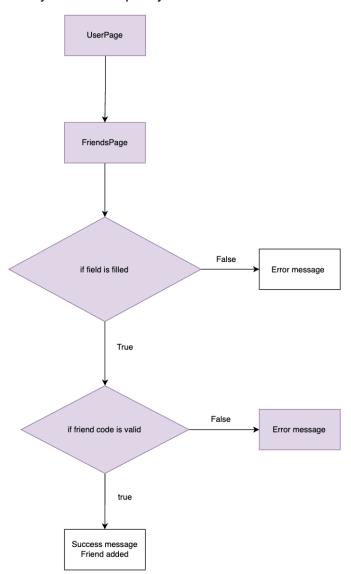
Adding Friend Cyclomatic complexity: 3



| Test Scenario | Add friend 3        | Test Case ID   | 3A     |
|---------------|---------------------|----------------|--------|
| ID            |                     |                |        |
| Test Case     | Add Friend negative | Test Priority  | Medium |
| Description   | test cases          | -              |        |
| Pre-Requisite | 1. Stable internet  | Post-Requisite |        |
| _             | connection          | _              |        |

|       |                                    | 3. A lo se | ogged in<br>ccess to<br>cation<br>crvices  |  |                   |                |   |
|-------|------------------------------------|------------|--|--|-------------------|----------------|---|
|       | xecution St                        | _          | D . 1  | I A . 1  | T                 | m .            | l m   |
| S. No | Actions                            | Inputs     | Expected Output  | Actual<br>Output   | Test<br>Device    | Test<br>Result | Test<br>Comments  |
| 1     | Click<br>User<br>Button            | -          | Redirected<br>to User Page   | Redirected to<br>User Page   | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful          |
| 2     | Click on<br>Friends<br>Button      | -          | Redirected<br>to<br>FriendsPage  | Redirected to<br>FriendsPage   | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful          |
| 3     | Enter<br>invalid<br>friend<br>code | 123445     | System<br>displays:<br>"Unsuccessful<br>Please enter a<br>valid Eater's<br>code" | System<br>displays:<br>"Unsuccessful<br>Please enter a<br>valid Eater's<br>code" | Expo<br>GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Friend<br>Added<br>unsuccessful |

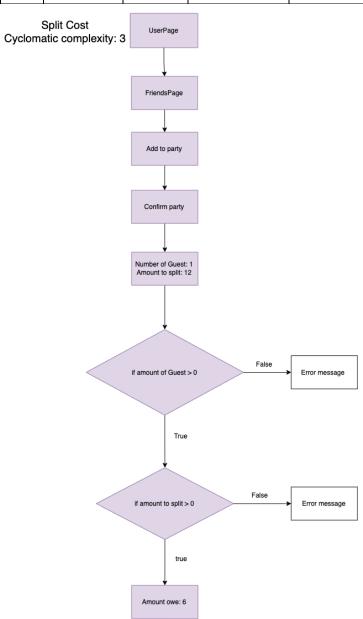
# Adding Friend Cyclomatic complexity: 3



# 4.11 Split Cost

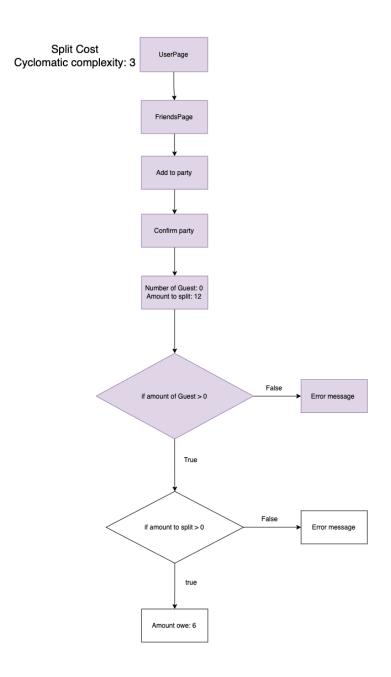
| Test<br>ID    | Scenario                              | Split cos                        | at 1   | Test Case ID  |                | 1A   |  |
|---------------|---------------------------------------|----------------------------------|--|---|----------------|--|--|
| Test<br>Desc  | ription                               | cases                            | t positive test  | Test Priority   |                | Medium   |  |
| Pre-Requisite |                                       | 2. L<br>3. A<br>lo<br>so<br>4. N | table internet<br>onnection<br>logged in<br>access to<br>ocation<br>ervices<br>Must have<br>riends | Post-Requisite  |                | Success message<br>Amount owed by<br>friends are updated |  |
| Test          | Execution S                           | teps                             |  |   |                | •  |  |
| S.<br>No      | Actions                               | Inputs                           | Expected Output  | Actual<br>Output  | Test<br>Device | Test<br>Result   | Test<br>Comments   |
| 1             | Click<br>User<br>Button               | -                                | Redirected to<br>User Page   | Redirected to<br>User Page  | Expo GO<br>IOS | Pass   | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful         |
| 2             | Click on<br>Friends<br>Button         | -                                | Redirected to<br>FriendsPage   | Redirected to<br>FriendsPage  | Expo GO<br>IOS | Pass   | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful         |
| 3             | Click on<br>friend to<br>Add<br>party | -                                | Toggle<br>button<br>changed  | Toggle<br>button<br>changed   | Expo GO<br>IOS | Pass   | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Add<br>successful              |
| 4             | Confirm party                         | -                                | System displays "Success party setting saved" Redirected to user page                              | System displays "Success party setting saved" Redirected to user page | Expo GO<br>IOS | Pass   | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Party<br>confirm<br>successful |
| 5             | Click on split cost                   | -                                | Redirected to<br>PartyPage   | Redirected to<br>PartyPage  | Expo GO<br>IOS | Pass   | [Xin Wei<br>14/4/2024<br>3:00 PM]:                                   |

|   |                                  |    |  |  |                |      | Redirect<br>successful   |
|---|----------------------------------|----|--|--|----------------|------|--|
| 6 | Enter<br>amount to<br>split cost | 12 | System displays: "Let's Party! Each guest need to pay \$6.00" Friend amount owe: 6 | System displays: "Let's Party! Each guest need to pay \$6.00" Friend amount owe: 6 | Expo GO<br>IOS | Pass | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Split cost<br>successful |



| Test<br>ID | Scenario                                     | Split cos    | st 2  | Test Case ID                   |                | 2A             |  |
|------------|--|--------------|---|--------------------------------|----------------|----------------|--|
|            | Case<br>ription                              | cases        | t negative test   | Test Priority                  |                | Medium         |  |
| Pre-l      | Requisite                                    | 2. I<br>3. A | Stable internet<br>connection<br>Logged in<br>Access to<br>ocation<br>ervices<br>No Friends | Post-Requisite                 |                | Error message  |  |
| Test       | Execution S                                  | Steps        |   | 1                              |                | 1              |  |
| S.<br>No   | Actions                                      | Inputs       | Expected Output   | Actual<br>Output               | Test<br>Device | Test<br>Result | Test<br>Comments   |
| 1          | Click<br>User<br>Button                      | -            | Redirected to<br>User Page  | Redirected to<br>User Page     | Expo GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful |
| 2          | Click on<br>Friends<br>Button                | -            | Redirected to<br>FriendsPage  | Redirected to<br>FriendsPage   | Expo GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful |
| 3          | Ensure<br>no<br>friends<br>added to<br>party | -            | Toggle<br>button<br>changed   | Toggle<br>button<br>changed    | Expo GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Add<br>successful      |
| 4          | Confirm party                                | -            | System<br>displays<br>"Success  | System<br>displays<br>"Success | Expo GO<br>IOS | Pass           | [Xin Wei<br>14/4/2024<br>3:00 PM]:                           |

|   |            |    | party setting saved"        | party setting saved"        |         |      | Party confirm |
|---|------------|----|-----------------------------|-----------------------------|---------|------|---------------|
|   |            |    | Redirected to               | Redirected to               |         |      | successful    |
|   |            |    | user page                   | user page                   |         |      |               |
| 5 | Click on   | -  | Redirected to               | Redirected to               | Expo GO | Pass | [Xin Wei      |
|   | split cost |    | PartyPage                   | PartyPage                   | IOS     |      | 14/4/2024     |
|   | -          |    |                             |                             |         |      | 3:00 PM]:     |
|   |            |    |                             |                             |         |      | Redirect      |
|   |            |    |                             |                             |         |      | successful    |
| 6 | Enter      | 12 | System                      | System                      | Expo GO | Pass | [Xin Wei      |
|   | amount     |    | displays:                   | displays:                   | IOS     |      | 14/4/2024     |
|   | to split   |    | "Empty Party                | "Empty Party                |         |      | 3:00 PM]:     |
|   | _          |    | Add some                    | Add some                    |         |      | Split cost    |
|   | cost       |    | friends to start the party" | friends to start the party" |         |      | unsuccessful  |



| Test<br>ID    | Scenario                               | Split cos                        | at 3  | Test Case ID  |                | 3A            |  |
|---------------|--|----------------------------------|---|---|----------------|---------------|--|
|               | Case<br>ription                        | Split cost negative test cases   |   | Test Priority   |                | Medium        |  |
| Pre-Requisite |  | 2. L<br>3. A<br>lo<br>so<br>4. M | onnection cogged in access to ocation ervices Must have               | Post-Requisite  |                | Error message |  |
|               | Execution S                            | Steps                            |   |   |                |               |  |
| S.            | Actions                                | Inputs                           | Expected  | Actual  | Test           | Test          | Test   |
| No<br>1       | C1: 1                                  |                                  | Output  | Output  | Device         | Result        | Comments   |
| 1             | Click<br>User<br>Button                | -                                | Redirected to<br>User Page  | Redirected to<br>User Page  | Expo GO<br>IOS | Pass          | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful         |
| 2             | Click on<br>Friends<br>Button          | -                                | Redirected to<br>FriendsPage  | Redirected to<br>FriendsPage  | Expo GO<br>IOS | Pass          | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful         |
| 3             | Click on<br>friends<br>add to<br>party | -                                | Toggle<br>button<br>changed   | Toggle<br>button<br>changed   | Expo GO<br>IOS | Pass          | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Add<br>successful              |
| 4             | Confirm<br>party                       | -                                | System displays "Success party setting saved" Redirected to user page | System displays "Success party setting saved" Redirected to user page | Expo GO<br>IOS | Pass          | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Party<br>confirm<br>successful |
| 5             | Click on<br>split cost                 | -                                | Redirected to<br>PartyPage  | Redirected to<br>PartyPage  | Expo GO<br>IOS | Pass          | [Xin Wei<br>14/4/2024<br>3:00 PM]:<br>Redirect<br>successful         |

| 6 | Enter    | 0/NAN | System              | System              | Expo GO | Pass | [Xin Wei                |
|---|----------|-------|---------------------|---------------------|---------|------|-------------------------|
|   | invalid  |       | displays:<br>"Error | displays:<br>"Error | IOS     |      | 14/4/2024               |
|   | amount   |       | Enter a valid       | Enter a valid       |         |      | 3:00 PM]:               |
|   | to split |       | cost to split"      | cost to split to    |         |      | Split cost unsuccessful |
|   | cost     |       |                     | the party"          |         |      | unsuccessiui            |

