**Application User Guide**

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| **Scenario** | **Steps and Input Values** | **Expected Output** |
| **Chatbot**  **Scenario 1: User Registration** | *Inputs:*   1. *enter username* 2. *enter password of at least 6 characters* 3. *re-enter password* 4. *enter email* 5. *enter gender* 6. *enter age* 7. *enter phone* | 手机屏幕的截图  描述已自动生成  Successful registration and logged in into the application. |
| **Chatbot**  **Scenario 2: Search by cuisine and location and make reservation** | Step 1: Give requirements to Food Connoisseur Bot  *Inputs:*   1. *hi* 2. *any recommendation for asian food* 3. *no* 4. *clementi* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 |
| Step 2: Look through recommendations  *Inputs:*   1. *no* 2. *any other options* 3. *no* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 |
|  | Step 3: Select restaurant and give reservation details  *Inputs:*   1. *click on a restaurant* 2. *today 7pm for 4 pax* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成 |
| **Chatbot**  **Scenario 3: Give Feedback** | *Steps/Inputs:*   1. *close chatbot window and click on browser refresh button after successfully making reservation.* 2. *launch chatbot window* 3. *food is alright* 4. *no* 5. *price is okay* 6. *service is good and ambience is not too bad* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 |
| **Chatbot**  **Scenario 4: Proactive Restaurant Recommendation** | *Steps/Inputs:*   1. *close chatbot window and click on browser refresh button after at least one successful search and clearing any outstanding feedback.* 2. *launch chatbot window* 3. *no* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成 |
| **Chatbot**  **Scenario 5: Search by Taste, Food and MRT Station** | *Steps/Inputs:*   1. *recommendation for spicy prawn near little india mrt station* 2. *yes* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 |
| **Chatbot**  **Scenario 6: Casual Persona and Self Learning Capability** | *Steps/Inputs:*   1. *hey* 2. *recommendation for chinese cuisine at orchard* 3. *no* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 |
| **Chatbot**  **Scenario 7: Questions on Local Food Culture** | *Steps/Inputs:*   1. *where does the locals mostly eat at?* 2. *what is hawker centre?* 3. *why do Singaporean eat at hawker centre?* 4. *what are the popular hawker centre?* 5. *what is food to Singaporean* | Appropriate responses from Food Connoisseur Bot.  手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 手机屏幕截图  描述已自动生成手机屏幕截图  描述已自动生成 手机屏幕截图  描述已自动生成 |

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| **Scenario** | **Steps and Input Values** | **Expected Output** |
| **Sentiment Dashboard**  **Scenario 1: Register Eatery** | **Step 1**  After registering user account, log in  **Step 2**  Add eatery name  **Step 3**  Click search button, the corresponding Eatery Information Card will be shown, and click confirm button to generate analysis dashboard | **Step 1**  电脑游戏的截图  描述已自动生成  **Step 2**  社交网络的手机截图  描述已自动生成  社交网站的手机截图  描述已自动生成  Successful entered into the Overview Page |
| **Sentiment Dashboard**  **Scenario 2: Check Overview Page** | **Step 1**  log in  **Step 2**  Check Overview Page  Section 1  User information  Section 2  A sample of incoming reviews in prompt style  Section 3  Overall sentiment score for service, food, price, and environment categories  Section 4  Click the Competitor Buttonfrom Section 1.  Explore the map and click each blue pinpoint to check competitor information  **Step 3**  Click Reports button to enter Scenario 3: Analysis Dashboard | **Step 1**  截图里有图片  描述已自动生成  **Step 2 and Step 3**  图片包含 游戏机  描述已自动生成 |
| **Sentiment Dashboard**  **Scenario 3: Choose Analysis Dashboard** | **Step 1**  check basic information in section 1  **Step 2**  Click the Check button in section 2 to enter the corresponding Analysis Dashboard | User interface社交网站的手机截图  描述已自动生成 |
| **Sentiment Dashboard**  **Scenario 4: Check Analysis Dashboard** | **Step 1**  Check Section 1 to 3 for Actions need to do, Overall Sentiments Score, and Sentiment Score by Categories  **Step 2**  In section 3, click each Price, Food, Environment and Service elements in bar chart to expand detail sections.  **Step 3**  In Service section, click face icon to switch positive and negative reviews.  **Step 4**  In Food section, click each food item to check its corresponding reviews.  **Step 5**  In Price section, click Negative, Positive, Valuation elements in radar chart to check corresponding reviews  **Step 6**  In Environment Section, click leaves icons to switch negative and positive reviews  **Step 7**  Click button In sections 2 and 3 to expand trend analysis line chart  **Step 8**  switchbutton to show or hide corresponding trend analysis line | **Step 1 and Step 2**  电脑截图  描述已自动生成  **Step3**  手机屏幕截图  描述已自动生成  **Step 4**  手机截图图社交软件的信息  描述已自动生成  **Step 5**  手机屏幕的截图  描述已自动生成  **Step 6**  手机屏幕截图  描述已自动生成  **Step 7**  手机截图图社交软件的信息  描述已自动生成  **Step 8**  手机屏幕截图  描述已自动生成 |