

IEEE-830 Style Requirements

| Identifier | Priority | F | Requirement |
|------------|----------|----|--|
| REQ-1 | 5 | F | The system shall analyze review data based on predefined categories. |
| REQ-2 | 5 | F | The system shall provide the overall rating based on each category. |
| REQ-3 | 5 | NF | The system shall display the user's location on a map |
| REQ-4 | 5 | F | The system shall allow the users to choose among predefined filters |
| REQ-5 | 4 | NF | The system shall display restaurants within the range of the map in the form of a list sorted in descending order of the overall rating, along with simple information. |
| REQ-6 | 4 | F | The system shall include a map that can be operated by the user. |
| REQ-7 | 4 | NF | The system should display a list of restaurants arranged in order of higher rating according to a search word. |
| REQ-8 | 3 | NF | The system shall display the screen providing the details of each restaurant. |
| REQ-9 | 3 | F | The system should display total rating and each rating for each category on the specific restaurant page. |
| REQ-10 | 2 | F | The system should list restaurants weighed by category queries. |
| REQ-11 | 2 | NF | The system should show both reviews and ratings written by other users when a 'review' of the restaurant page is selected. |
| REQ-12 | 2 | NF | The system should provide an expandable bottom card section for restaurants. |
| REQ-13 | 1 | F | The system should provide multiple-selection of both category and food type. |

| | | | |
|--------|---|----|--|
| REQ-14 | 1 | F | The system should allow searching the following information of the restaurant: introduction, location, menu, phone number, a quarterly change of rating, and reviews. |
| REQ-15 | 1 | NF | The system should display a few representative keywords of the restaurant's review. |