

## IEEE-830 Style Requirements

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

REQ-14	1	F	The system <b>should</b> 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 <b>should</b> display a few representative keywords of the restaurant's review.