2. Software Requirements

Priority Level	Description
Priority 1	Essential functionality
Priority 2	Desirable functionality
Priority 3	Extra Features

Table 1

2.1 Functional Requirements

1. The system shall provide a name, type of cuisine and contact number for all the restaurants in a given area. (Priority 1)
2. The system shall provide the type of cuisine each selected restaurant serves.(Priority 1)
3. The system shall provide users to see the working hours of each selected restaurant. (Priority 1)
4. The system shall provide a map for the location of each selected restaurant. (Priority 1)
5. The system shall support the English language. (Priority 1)
6. The system shall provide a contact number for each selected restaurant.(Priority 2)
7. The system shall allow the user to make a favorites list of restaurants. (Priority 2)
8. The system shall allow the users rate the restaurants, on a scale from 1 to 5, with 1 being the lowest and 5 being the highest grade. (Priority 2)
9. The system shall provide a top five list of restaurants according to the given ratings. (Priority 2)

10. The system shall provide a search option for the restaurants, based on name or cuisine. (Priority 3)

2.2 Non-Functional Requirements
1. The system shall be connected to the Internet in order to function.(Priority 1)
2. The system shall be responsive on all resolutions. (Priority 1)
3. The system shall be accessible from Chrome, Safari, Mozilla, Microsoft Edge and Opera. (Priority 1)

4. The system shall not be unavailable more than 1 hour per 1000 hours of working. (Priority 1)
5. The system shall take less than 40 seconds to find the suitable restaurants on the map in the 99% of the time. (Priority 2)
6. The system shall take less than 15 seconds to perform an action. (Priority 2)
7.   The system shall be secured from cyber attacks. (Priority 2)
8.   The system defect rate shall be less than 1 failure per 1000 hours of operation.(Priority 2)
9. The system shall allow changing from one restaurant to another in at most 5 second.
10. The system shall be written using the .NET MVC framework.
11. The system shall use an SQL database.