Requirements Specification for
<Project Name>

Prepared By:
<Group members (full names)>

1 – Introduction (20% - Max 2 Pages)

1.1 - Overview and justification (purpose): Specify the purpose and need for the proposed system in high level terms and who it will benefit. You should also briefly state how the remainder of the document is structured including the rest of the introduction section.
Recommended ½ page.

1.2 - Project scope: Specify the exact project scope indicating project boundaries. This can also include the purpose of the software project and overall goals. In the case of a software product, this should contain product vision and should indicate the exact user base or stakeholders for the product. If you are aware of features that should go into a future version, list them here.
Recommended ½ page.

1.3 - System description: This section should include a description of the domain area of the project. Include a detailed overview of the software system to be built. It can contain a subsection detailing the existing system (if there is one) followed by the proposed system details. You should demonstrate what research the team has undertaken by providing a brief description of other similar systems/plugins. You should discuss the useful/not useful features of these products.
Recommended 1 page.

2 – Solution Requirements (50% - Max 10 Pages)

2.1 - Functional requirements: Describe the system functions requirements and include requirement models e.g. use case, activity charts where useful (do not do diagrams for every function). You can also use data flow diagrams, flowcharts and decision tables if required. List each system function as a subsection with a brief description. An example of this could be something like:

ID, type and title	e.g. FR1.2 Mobile application – filtering results
Description	A use can filter results in a list or a map. When viewing the results in a list or a map a user should be able to filter the results. Filtering options provided are: • Filter by choosing a restaurant type • Filter by a specific food dish
Priority	e.g. High
MuShCo	e.g. Must have
Dependencies	e.g N/A or FR7 and FR20
Expected results	e.g. when filtering the results, only the existing results area is affected and a new search query should not be sent.
Exception handling	e.g. The user may abandon the search at any time e.g. error message generated e.g. data for filtering does not exist

2.2 - Non-functional requirements: Identify a number of non-functional (quality) requirements for the system, such as security, scalability, usability, etc. These requirements vary from project to project. Example:

Type	e.g. Space requirement, Security requirement, Ethical requirement etc …
Metrics	How to measure the NFR, e.g. sub-component A needs to have a response time <1ms, 95% of the time.
Security	Only users holding the role “Customer advisor” or “Supervisor” can update the customer record
Constraints	Are there any constraints on the NFR? E.g. hardware to be used, OS, DBMS, I/O devices, Standards, data structures, language, documents …

2.3 – Risks and Issues: Briefly identify and discuss any potential risks (or issues with the potential to become risks) that could possibly impact the project. Discuss any potential limitations of the group/hardware/software/current systems etc., and the problems that these could cause and the mitigation proposed. Finally classify the risk or uncertainty vs loss.

Recommended 1 page.

3 – Project Development (20% - Max 2 Pages)

3.1 – Development approach: Discuss the SDLC approach the group would like to use for this project. You should justify your reasons for selecting any particular approaches as opposed to others.
Recommended 1 page.

3.2 – Project Schedule: Provide a project schedule, identifying deadlines for key aspects of the project. This can be provided in whatever format you deem most suitable

The final 10% of marks are for writing skills and clarity of the document.