Requirements Specification Layout

Front Page

- Document Heading (Team Portfolio)
- Group number / name.
- List all the members in your group including their student numbers.
- Version number of the document.

Change Log/History

This is useful for tracking changes made for each version of the doc (date, doc version, description, updated by). The first version will most likely only have a "Document created" entry.

Table of contents

1 Introduction

1.1 Purpose

What is the purpose of the document? Who should be using it?

1.2 Document Conventions

Conventions used in the document. Example: Crow's foot notation for entity relationship diagrams.

1.3 Project Scope

Short overview with limitations and/or restrictions of the project.

1.4 References

Any references you used. For example:

[1] Power Corp, "Lights: Architectural Specification", version 1.2, 2015.

You should refer to references in text as demonstrated by referencing Power Corp [1].

2 System Description

Give a full description of the system this document is for.

3 Functional Requirements

3.1 System features

List of functional requirements of the system which include the following information:

- Requirement number for referencing.
- Brief Description.
- Requirement Source (Who gave the requirement?)
- Priority

3.2 Use Cases

Use case diagrams of the system.

3.3 Entity Relationship Diagrams

Mostly used for database requirements.

3.4 Data Dictionary

Descriptions of entities.

4 External Interface Requirements

Requirements for user, admin etc. interfaces.

5 Technical Requirements (Non-Functional)

List of non-functional requirements like: scalability, maintainability, usability, availability etc.

6 Requirement Matrices

Tracability Matrix to keep track of the progress of all the requirements.
Pairwise Comparison Matrix. (Refer to textbook for more information).

7 Open Issues

8 Glossary