

1 Introduction

1.1 Purpose

The introduction should start with a one sentence description of what the system is designed to do, along with the business/societal reason why the system is worth developing in the first place.

1.2 User Profiles

What kind of users are expected to use the system (admin users, public users, etc)? What roles do they play? What rights and privileges are they granted or denied? This includes profiles of both physical people and system users.

2 Requirements

2.1 Functional Requirements

The functional requirements section outlines what functions the system must perform to be considered viable.

2.2 Use Cases

The use cases section outlines all the use cases for the system. A **use case** is a thorough list of steps a user performs while interacting with a system to achieve a goal.

3 Functions

3.1 User Stories

A user story distills the use cases into small, discrete parts. A user story is one sentence that describes which user(s) are using the system to achieve which goal. For instance, *as a registered user, I click checkout to purchase all items in my shopping cart.*

4 Site Map

A **site map** is a graphical representation of all the pages planned on the site.

5 Site Design

A mock up of the planned template should be included here. This should include the planned fonts, colors, and methods for handling mobile browsers.

6 Site Data

6.1 External APIs

Enumerate all external APIs you plan to use and what purpose they will serve on the site.

6.2 Database Map

A **database map** is a graphical representation of all the data planned on the site.