Enter Group Name

Enter Project Name

ECS506U Software Engineering Group Project

Requirements Elicitation Report

# List of Requirements

In this section you are expected to provide requirements covering the proposed functionality of your software (including functionality**,** users and non-functional aspects of your system).

You are expected to explain each requirement clearly with identifying type of requirement. For functional requirements (RQs), specify the ones that describe data requirements using a “D” as it is depicted in RQ 1. For non-functional RQs identify the type of it such as usability, platform or security as depicted in RQ 2. You are expected provide at least 10 non-functional RQs.

In the priority column, you need to declare if the given RQ is related to a core or an optional function. Core functions are the functions that you need to implement for your prototype to work and an optional function are the ones that you plan to implement if implementation stage goes as planned.

In the use case column, you need to identify which use-case(s) this RQ relates to. The use cases identified in the table must match the use cases from the diagram in the next section. (**Advice**: Fill this column after you complete your use case diagram)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Requirement** | **Type** | **Priority** | **Use Case** |
| 1 | Each customer must be identified with a unique username. | Functional (D) | Core | Login |
| 2 | Customers must be able purchase an item with max of 3 button clicks. | Non-functional  Usability | Core | Buy item |
| 3 | Customers must be able to login with a username and password. | Functional | Optional | Login |
| 4 | The system must have two types of users: customer and admin. | Functional | Core | All |
| 5 | The system must run on Android and iOS mobile systems | Non-functional  Platform | Core | - |
| 6 | The system must not allow performing customer and admin activities without authentication. | Non-functional  Security | Core | - |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Use Case Diagram

In this section provide a use-case diagram showing associations between users and use cases.

# Use Case Description

In this section, describe one of the key use cases from the diagram in the previous section. Only include the following information.

**Name** – The name of the use case, must match one of the use cases from the diagram.

**Brief Description** – A brief text describing the scope of the use case.

**Actors** – A list of the types of users who can engage in the activities described in the use case. Actor names should correspond to those in the diagram.

**Preconditions** – Anything the solution can assume to be true when the use case begins. For example, you can specify user log-in as a precondition.

**Basic Flow** – The set of steps the actors take to accomplish the goal of the use case. A clear description of what the system does in response to each user action.

**Alternate Flows** – Capture the less common user/system interactions, such as being on a new computer and answering a security question.

**Post Conditions** – Anything that must be true when the use case is complete