Section 3: Functional Requirements Specification

**Stakeholders**

*Identify anyone and everyone who has interest in this system (users, managers, sponsors, etc.). Stakeholders should be humans or human organizations.*

**Actors and Goals**

*Identify the roles of people or devices that will directly interact with the system, their types (initiating vs. participating) and the goals of the initiating actors.*

**Use Cases**

***Casual Description:*** *For all use cases that you can think of (based on your System Requirements), write a brief or casual text description. List explicitly the requirements that each use case responds to.*

***Use Case Diagram:*** *Draw the use case diagram with all the use cases. Indicate the relationships, such as <<include>> and <<extend>>.*

***Traceability Matrix:*** *Show how your system requirements map to your use cases. Calculate the priority weights of your use cases. The use cases with the highest priority should be elaborated and planned.*

***Fully-Dressed Description:*** *Select a few most important use cases and provide detailed (“fully dressed”) description. The “most important” use cases are indicated by your traceability matrix. Your event flows must show step-by-step every action that the initiating actor (“user”) can take while running the given use case.*

**System Sequence Diagrams**

*Draw the system sequence diagrams for the few most important use cases selected above.*

**Sample Report**

**Use Cases**

For the purpose of this exercise ‘Glentoran’ has been used as an example. The use cases listed are relevant to all teams contained within the IFA Premiership.

|  |  |  |
| --- | --- | --- |
| **No.** | **Description** | **Related Requirement(s)** |
| 1. | User wants to find the contact number for Glentoran regarding purchase of tickets. | 1, 5. |
| 2. | User wants to find a map to Glentoran’s ground ‘The Oval’ for an upcoming away game. | 1, 4. |
| 3. | User has highlighted ‘Stuart Elliot’ as their favourite player and wants to determine how many goals he has score this season. | 1, 6, 7. |
| 7. | Users want to be able to see news on their favourite teams. | 1, 2. |

