Score Zone

(A Football Tournament Manager)

Business Requirement Specification

2

Table of Contents

Abbreviations

- TM – Tournament Manager

- TEM – Team Manager

- MU – Match Updater

Introduction

1. Document Purpose

This document communicates the business requirements and scope for developing **Score Zone**. The scope of this document is to define the functional and nonfunctional requirements, business rules, and other constraints.

2. Project Background

Currently, many football teams in many cities of India play tournaments organized by various organizers. These organizers do not have a proper and efficient way of managing these tournaments. Many talented people do not receive the recognition they deserve because tournament organizers lack the resources to keep track of the results.

Instead of having the benefits of a digital world where they can manage all of their data digitally, these organizers have to do a lot of paperwork to keep the information related to these tournaments.

3. Goals of the project

The main objective of this project is to build a website for these organizers, who belong to various cities, to organize tournaments in their areas by managing tournaments through our web application, and they can also manage and maintain all the data related to these tournaments. This will also allow the viewers to view the live scores, past scores, browse through different tournaments and players. Team Managers also get a platform to represent their teams in various tournaments.

4. Customers and Stakeholders

Customers:

1. Organizers who want to organise tournaments.
2. Team Managers who want to promote their teams.
3. Viewers (Online Users) who can view various live updates related to these tournaments.

Stakeholders:

1. Organizers
2. Sponsors
3. Famous League Teams
4. Indian National Football Team

Business Requirements Overview

- Score Zone is a public web application.

- There are mainly 5 types of users:

    1. Admin
    2. Tournament Manager
    3. Match Updater
    4. Team Managers
    5. Viewers
    6. Tournament Organizer (Virtual User)

- Team managers get information of upcoming tournaments where they can register their teams.

- Tournament organizers get the registration details submitted by the team managers.

- The tournament manager is in charge of choosing the date and location of the match, making the rosters of the teams and players, keeping the scores up to date, and announcing the winning team.

- Score Zone has functions that make it easy for team managers to talk to the people in charge of the tournament.

- An administrator looks after Score Zone.

Functional Requirements Overview

Score Zone consists of five modules, described below

1. Admin Module
2. Tournament Manager Module
3. Match Updater Module
4. Team Manager Module
5. Viewer Module

1. Admin Module

- Admin has all the rights to modify and access all the functions in Score Zone after successful login authentication.

- Authorization of new Tournament Managers and new Team Managers after their registration is complete.

- Adding new venues for different tournaments on proper communication with different Tournament Organizers.

- Report generation of each tournament when completed.

2. Tournament Manager Module

- Tournament Manager requests to create(register) his or her own account.

- To generate tournament by providing necessary details.

  Tournament Level Tasks:
  - TM generates matches for the teams that are registered in the current tournament.

Match Level Tasks:

- o TM sends fixture details like opposition team, date, time and venue to TEM before every match.

- TM will create account for Match Updater.

3. Match Updater Module

- MU is able to update the score of individual matches.

- MU declares the result of every match.

- MU update player performance after every match.

4. Team Manager Module

- TEM requests to create(register) his or her own account.

Tournament Level Tasks:

- o To register team details (player information in the form of player name, player position, player age, etc.) in proper file format provided by the TM.

- o To participate in the tournament scheduled by the TM.

Match Level Tasks:

- o To view the fixtures scheduled by TM and selecting players for that particular fixture.

- To view other team's data in the form of player stats, past results, upcoming matches.

5. Viewer Module

Tournament Level Features:

- o To view Team performance
- o To view player performance of different teams.
- o To view Team Fixtures of all teams participating in tournament.

Match Level Features:

- o To view live scores of the ongoing matches.
- o Will allow the viewers to predict the winners during live matches.

Non-functional Requirements

- The website should be user-friendly, robust, and flexible at all costs.

- All users (admin, managers, organizers, and users) should be able to surf this website easily.

- Being a general website, the site must be well organized

- If there is a problem, the team managers should be given the necessary assistance.

- All modules should be functional.