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**Soccer Club Application**

Final Project Design Document

Prepared by: Ryan Forrester

Date Submitted: June 2, 2014

# Document Change Control

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| **Date** | **Authors** | **Summary of Changes** |
| June 2, 2014 | Ryan Forrester | Started the project design. Added the basic interfaces as well as elaborated on the primary functions of the project. |
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# Document Sign-Off

The following people have reviewed and approved the entire content of this document.

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| --- | --- | --- | --- |
| **Position** | **Name** | **Signature** | **Date** |
| CEO | Ryan Forrester |  | June 2, 2014 |
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# 1.1 Project Team members

Ryan Forrester

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# 1.2 Project Description

This project will be used to keep track of the field usage of a soccer club and will provide the functionality of letting a coach book a field as well as a ball bag for a certain time slot.

This project could help organize the day-to-day activities of a soccer complex by providing a convenient booking system. Coaches will be able to book a field and ball bag for their team by signing into the system and selecting a field. The fields will have specific time slots for booking.

# 1.3 Primary Functions

### 1.3.1 Guest View

This view will allow anyone to see when a field is booked.

### 1.3.2 Login

Users will have a userName and password which will be used to login to the system. Also, Administrative login will be able to remove a booked field.

### 1.3.3 Field reservation

The users that have logged in are allowed to book fields and ball bags for certain time slots.

# 1.4 Secondary Functions

* administrators can add fields and ball bags
* coaches can undo the time slot that they booked
* coaches can book a time on a field weekly, instead of just booking for one day.

# 2.1 Class Design

The following classes will be used to provide the functionality of the system. These classes will correspond to the database tables which will be used to store the information.

# 2.2 Interface Design

Provide a mockup of the screens that you expect to use in your project. Also provide a brief description (paragraph of two) describing each of the screens to be used in your program.

### 2.2.1 Main Menu

The main menu screen will have two options on it. There will be a normal login, but also an option to enter the site as a guest.

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| Soccer Complex  Main Menu  Member Id  Password:  Submit Cancel  or  Sign in as Guest |

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### 2.2.2 The Schedule

The schedule displays when the fields are booked in a clean ordered fashion. It provides a way to see when the field are booked and also an option to click on an empty time slot to take you to the book a field screen. fields that are “open” do not have anyone booked for that time. fields that are booked display the userName (or the team name, not sure yet). This schedule appears roughly the same for the users that are logged in as well as the guest login. This is the view after selecting the day out of the week.

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| Soccer Complex  Schedule   |  |  |  |  | | --- | --- | --- | --- | | Time | Field 1 | Field 2 | Field 3 | | 3:00-4:00 | open | open | booked by: userName | | 4:00-5:00 | booked by: userName | open | open | | 5:00-6:00 | open | booked by : userName | open | | 6:00-7:00 | booked by: userName | open | booked by: userName | |

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### 2.2.3 Field Booking

This page is only displayed for the user that logs in. It provides the simple task of asking for the team name that the field is booked.

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| Soccer Complex  Field Booking  You are about to book field 1 from 5:00 to 6:00.  What is the team name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Submit |

### 2.2.4 Week View

In this view, the user selects a day out of the week so that they can see the field booking for that day. current day would be highlighted.

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| Soccer Complex  Week Schedule   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Sunday  June 1 | Monday  June 2 | Tuesday  June 3 | Wednesday  June 4 | Thursday  June 5 | Friday  June 6 | Saturday  June 7 |   Previous Next |