Project Plan

Radoslav Radev
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Contents

Contents 1

Introduction 2

Problem Description 2

Plan of approach 3

Deliverables 3

Constraints 3

Delivery estimates 4

Week 1 (25th April – 1st May) 4

Week 2 (9th May – 15th May) 4

Week 3 (16th May – 22nd May) 4

Week 4 (23rd May – 29th May) 4

Week 5 (30th May – 6th June) 4

Week 6 (6th June – 10th June) 4

Introduction

This is the Project Plan for the final (synthesis) project in Semester 2. The final product will include a web application and a desktop application, both of which will share the same database. (Me) Radoslav Radev and Michael Franssen, are both stakeholders in this project.

I've been tasked with developing a software solution to aid in the company's business process improvement.

This document consists of

- *Problem description*
- *Plan of approach*
- *Deliverables*
- *Constrains*
- *Delivery estimates*

Student contact information:

Email: 491245@student.fontys.nl

Client contact information:

Email: michael.franssen@fontys.nl

Problem Description

DuelSys is looking for a software solution that will allow their customers to administer their sports competitions.

The desired solution should support a "round-robin" tournament format, in which each contender competes against every other contestant

Apart from badminton, as previously stated, the solution should be adaptable to various sports and tournament formats.

Plan of approach

The problem will be approached in an iterative manner. The application development process will be divided into sections (feature-wise).

If any features cannot be completed due to a lack of time, the customer will be notified as soon as possible.

Deliverables

These are the deliverables that will be provided in the next six weeks:

- Software Solution
    - A database to keep track of all player and tournament information.
    - Staff-only desktop application
    - A web application for Customers
- URS
- Test Plan
- Test Report
- Project Plan

The URS document contains more information.

Constraints

C# will be the programming language used for the desktop application.

The web application's will be built using ASP.NET Core Razor Pages.

For the database, MySQL will be utilized.

Delivery estimates

Week 1 (25th April – 1st May)

- *Project Plan creation*
- *URS creation*
- *Class diagram creation*

Week 2 (9th May – 15th May)

- *Documentation feedback*
- *Core Feature development*

Week 3 (16th May – 22nd May)

- *Documentation refactoring/improvement*
- *Further Core Feature development*

Week 4 (23rd May – 29th May)

- *noncore requirements development*

Week 5 (30th May – 6th June)

- *solution testing(unit testing)*
- *solution polishing and refactoring*
- *Delivery of test report*

Week 6 (6th June – 10th June)

- *Project submission*