

PROJECT PLAN

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Introduction

I was contacted by DuelSys inc.. to create a software system to allow them to manage tournaments. I have to have something ready to present in six weeks. The first two weeks I will spend on the documentation and design, the next three weeks I will create a windows application, website and a database connecting them and I will spend the last week testing the application to make sure it meets the clients needs.

Problem description

The problem the company is facing is that they need a software solution to help them with their tournament management

The company contacted me about creating a software solution that can help them improve their tournament management. For their needs they need a robust solution to help with the following issues:

1. Tournament creation:
 - Staff has to be able to manage tournaments
2. Player registration:
 - Players should be able to register using the website
3. Scheduling tournaments:
 - The software needs to generate schedules for the tournaments before it starts
4. Entering results:
 - Staff should be able to register the results of a game after it is finished
5. Displaying results:
 - Results should be available to be viewed on the website

Deliverables

1. URS (User-Required-Specification)
2. A software solution
3. A Website

Constraints

For the project I have some constraints:

- The solution has to be delivered before Friday 10th of June 2022 before 16.00
- The application has to be developed using C#
- The website has to be developed using the Razor pages framework
- Solution will be developed using Standard C# techniques
- No data is provided so mock data will be used
- Website should be hosted on the Luna server