## SPORTS PREDICTIONS WEB & DESKTOP APPLICATION

**Project Plan**

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Introduction

Our client is a big investment company which wants to finance the idea of making a new online application for sport events predictions. The name of the shop is supposed to be “Bet Expert”. The project plan will give you the idea about what project is about and what is supposed to be done.

Current situation

The client is financing an idea to develop a nice website and an application for watching sport events predictions online. The developer of the system is the person who created the idea. There is a lot of space on this kind of market, which is the main reason which pushed the investor to finance this project.

Project definition

The web application is designed for sports enthusiasts who are interested in betting on sporting events. Therefore, it is important to understand the way of playing, past, current form and behavior of the clubs and persons you are gonna bet. The desktop application is fully for managing the website and its users by our admins.

Project goal

* Accuracy: The primary goal of the web application is to present our registered tipster’s predictions for sports betting events. The accuracy of the predictions is critical to the success of the application and the satisfaction of the users and believe that our tipsters.
* User engagement: The web application should provide an engaging user experience that encourages users to interact with the platform, explore its features, and place bets on sporting events depending on our tipster’s predictions.
* Day-to-day predictions: The web application should provide day-to-day updates and predictions, allowing users to make informed betting decisions based on the latest information.

### Overall, the project goals for a sports betting predictions web application focus on providing day-to-day predictions on different sports from our tipsters to our users.

### Deliverables

### Windows Forms application where admins can manage the content of the website.

### Website

### Account creation & Log in pages.

### Competitions page with a list of the available competitions by sports.

### Matches page with a list of all available matches for a competition.

### Personal data pages where users can review and edit their personal data.

### Create a prediction page where our tipsters can create their predictions.

### Project plan

### URS document

### Test plan

### Database diagram

### UML Class Diagram

### Test report

### Constraints & Risk assessment

|  |  |  |  |
| --- | --- | --- | --- |
| Potential risks | Probability of occurrence | Potential impact on workflow | Actions to prevent these risks |
| Inaccurate estimates | Low  Medium  High | It is possible that I may overestimate or underestimate myself in terms of coding skills & time amount, which will extend the deadlines and the client won’t be satisfied by that. | The best thing is to stay realistic when planning |
| Low motivation | Low  Medium  High | Having little motivation to work on the project will lead to not finished on time and my client will be unsatisfied. | Most importantly, I need to motivate myself by implementing nice and interesting features. In addition I will gain knowledge in this sphere. |

### The project must be done in 16 weeks. There are no possibilities for extending the overall project deadline. It is only me in the project team and I cannot add any other members. I have to use ASP .NET Core Razor pages for the website and Windows Forms for the application. I have to use MSSQL database.

### Phasing

### Ideation document, UML Class diagram, Project plan, URS. – done by 03.03.2023

### A database, pages to create competitions and matches by admin. – done by 21.03.2023

### Proper competitions page with list of all available competitions by sport where the user can choose competition. - 22.03.2023 to 28.03.2023

### Proper matches by competition page where the user can choose match and see its predictions. - 29.03.2023 to 04.04.2023

### Desktop application for admins to modify the content of the website – 05.04.2023 to 10.04.2023

### Improved version with authorization system (Login and Register pages), multiple security layers – 11.04.2023 to 21.04.2023

### Unit testing, updates – 11.05.2023 to 01.06.2023

### Final version of both web application and desktop application – done by 09.06.2023