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Poker Tournament System Web App

Web Applications with C# project

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Table of Contents

Author's declaration of originality

I hereby certify that I am the sole author of this thesis. All the used materials, references to the literature and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

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Overview

This project is about creating a web app that makes it easier to run and manage poker tournaments. The idea came from seeing how current methods for organizing tournaments can be complicated and not always user-friendly. We noticed that people organizing these tournaments often rely on old ways or systems that don't do everything they need. Our goal is to offer a better solution that helps both the people running the tournaments and those taking part in them.
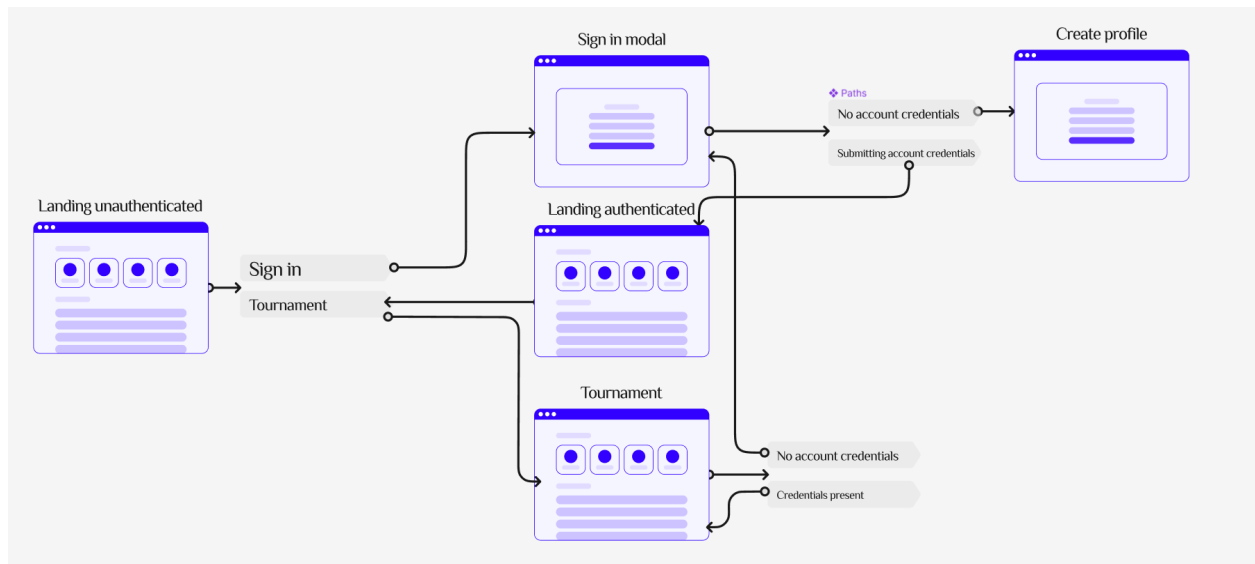
We started this project by looking closely at how poker tournaments are usually organized. We found out that there's a lot of room for improvement, especially in making things more straightforward for everyone involved. From small local games to big international events, our web app aims to handle them all in a way that's easy to use and understand.

The main features of our app include a detailed list of tournaments that you can search through easily, a view that shows active tournaments with their prize pools and how the prizes are given out, and personal views for users to see their own schedules and how they're doing in tournaments. A great feature of our application is the table view, which introduces a convenient approach to managing tournament logistics. This view enables hosts to assign participants to specific tables and manage the allocation of dealers to these tables. One of the standout features is the administrative view, which is reserved for tournament organizers. This section allows for the addition and management of tournament details, ensuring that all listed events are accurate and up to date.

The development of the app is planned in stages. The first stage covers the basic needs for signing up for tournaments and keeping track of them. Later stages will add more features, like updates in real time, detailed profiles for users, and deep dives into tournament data. This step-by-step approach lets us improve the app over time and add new things based on what users say they want.

In short, this project introduces a new web app designed to change the way poker tournaments are organized. By using modern technology, the app offers a simple, efficient, and fun way for the poker community to manage and enjoy tournaments.

Main client positive flow screens sketches

ERD