Betgogo23

Technical Document

UNIVERSITY OF
BIRMINGHAM
JUNIOR SOLUTION

A project presented by Birmingham Innovation Studio

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1. Introduction

This document explains the functional specification of betgogo2, the web app project in which Birmingham Innovation Studio, engages to fulfill all the requests demanded by safequeen as explained during elementary meetings and calls.

1.1 Purpose of this document

This document delineates the functional and non-functional requirements identified and proposed by Innovation Studios for the project under consideration. The functional requirements capture the essential functionalities and behaviors the system or solution is expected to achieve, while the non-functional requirements detail the quality attributes, performance standards, and other supplementary characteristics. Our objective is to provide a comprehensive, unambiguous, and structured outline that ensures both parties have a shared understanding of the project's expectations and deliverables. This document has been meticulously crafted by bernard, in alignment with the requirements and expectations of safequeen. We encourage our clients to review this document meticulously and engage with us for any clarifications or further discussions.

1.2 Scope

betgogo is a web app that allows user to place bet between each other, this app will have a login and sign up page where users can login or register, reset their password and reset their email. It will have a profile page where users can update their profile and manage their account. there will be a friend page where users can mlanage their relationship with others. there will be a bet page where users can see their current bet, create new bets and modify existing bets.

1.3 References

All meetings, emails and materials exchanges with safequeen.

2 Requirements

2.1 Functional Requirements

1. Authentication Pages:

- The web app must offer login and sign up pages for users to access the features.

- The web app should provide an option for password reset and email confirmation.

- The web app must send a verification email after registration.

- The web app should offer social media login options.

2. Profile Page:

- The web app must allow users to update their profile information.

- The web app should provide an option to upload a profile picture.

- The web app must offer a 'Delete Account' feature with confirmation.

- The web app should allow users to view their betting history.

3. Friend Page:

- The web app must allow users to manage their friend list.

- The web app should provide options for accepting or declining friend requests.

- The web app must offer an option to block or report a user.

• The web app should allow users to view mutual friends.

4. Bet Page:

• The web app must offer a section to view current bets.

• The web app should provide options for sorting and filtering bets.

• The web app must allow users to create and modify bets.

• The web app should offer a section to view bet rules and conditions.

2.2 Non-Functional Requirements

1. Reliability:

• The web app must have a minimum uptime of 99.99%.

• The web app should have a failover mechanism to switch to a backup service in case of server failure.

• The web app should offer offline access to user betting history.

2. Performance:

• The web app should load user profiles and bet data within 1.5 seconds.

• The web app should be optimized for low-latency data fetching for real-time bet updates.

• The web app should be able to handle a minimum of 1000 concurrent users.

3. Usability:

- The web app must be user-friendly with an intuitive UI/UX design.

- The web app should offer a tutorial and FAQs for first-time users.

- The web app should be accessible, following WCAG 2.1 guidelines for web apps.

4. Security:

- All user data must be encrypted both in transit and at rest using AES-256 encryption.

- The web app must comply with data protection regulations like GDPR.

- The web app should have a secure authentication mechanism, including two-factor authentication.

- The web app should have a data backup and disaster recovery plan.