

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 safequeen, 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

The functional specification document serves the same purpose as a contract. The specifications presented in this document are related to the conversations done by bernard. Following this document, the developers agree to provide the capabilities specified and fulfill all requests and demands of safequeen, who also agreed to find the product satisfactory if it provides the capabilities as specified.

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 manage 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 allow users to sign in using email and password.
- The web app must allow users to sign up with a valid email address.
- The web app must offer a 'Forgot Password' feature that sends a reset link to the user's email.
- The web app should offer social media login options.
- Success message must be displayed for successful registration, login, or password reset.

2. Profile Page:

- The web app must allow users to update their profile information.
- The web app should offer options for profile visibility.
- The web app must display user's account activity.
- Success message must be displayed for successful profile update.

3. Friend Page:

- The web app must allow users to add or remove friends.
- The web app should offer options for friend requests and acceptances.

- The web app must display a list of current friends.
- Success message must be displayed for successful friend interaction.

4. Bet Page:

- The web app must allow users to place and modify bets.
- The web app should offer real-time bet status updates.
- The web app must display a list of user's current bets.
- Success message must be displayed for successful bet placement or modification.

2.2 Non-Functional Requirements

1. Reliability:

- The web app must have a minimum uptime of 99.99%.
- The web app should have a backup and recovery mechanism.

2. Performance:

- The web app should load user data and bet details within 3 seconds.

3. Usability:

- The web app must be user-friendly with an intuitive UI/UX.
- The web app should offer a tutorial and FAQs.

4. Security:

- All user data must be encrypted both in transit and at rest.
- The web app must comply with data protection regulations.

5. Scalability:

- The web app should be designed to handle an increasing number of users and bets.
- The web app should be cloud-native to allow for easy scaling.