

Software Requirements and Design Document

For

Group <1>

Version 2.0

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1. Overview (5 points)

Give a general overview of the system in 1-2 paragraphs (similar to the one in the project proposal).

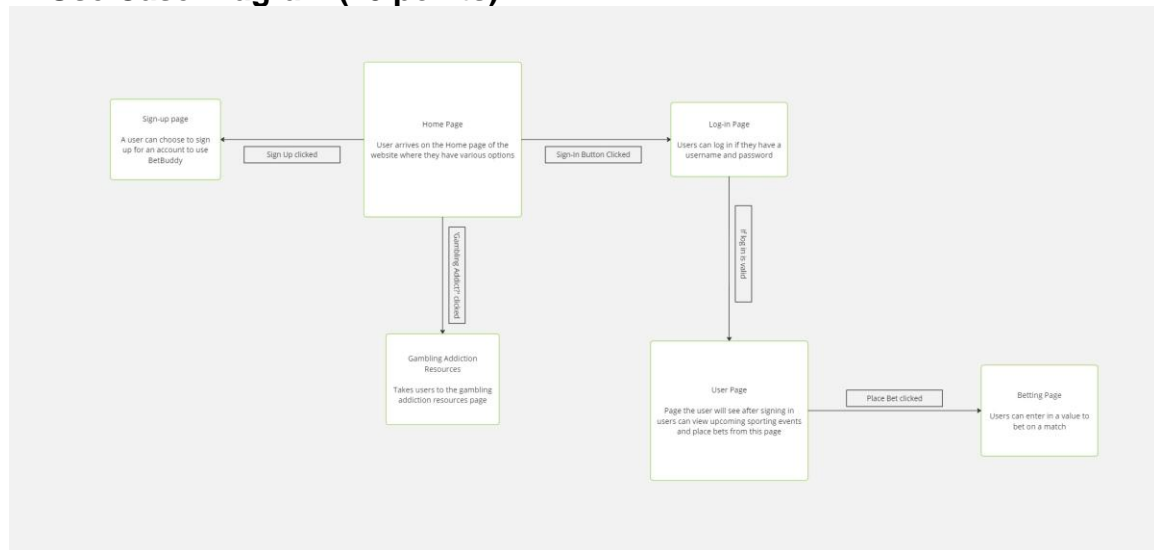
2. Functional Requirements (10 points)

1. Users will be able to place a bet on a sporting event – High
2. Users will be able to log in using valid credentials – High
3. Users will be able to create an account – High
4. Users can claim currency for free using a built in reward system - High
5. Bets and sporting events will be refreshed every 24 hours after a sporting event has concluded – Medium
6. Users can access resources for gambling addiction through the homepage – Low

3. Non-functional Requirements (10 points)

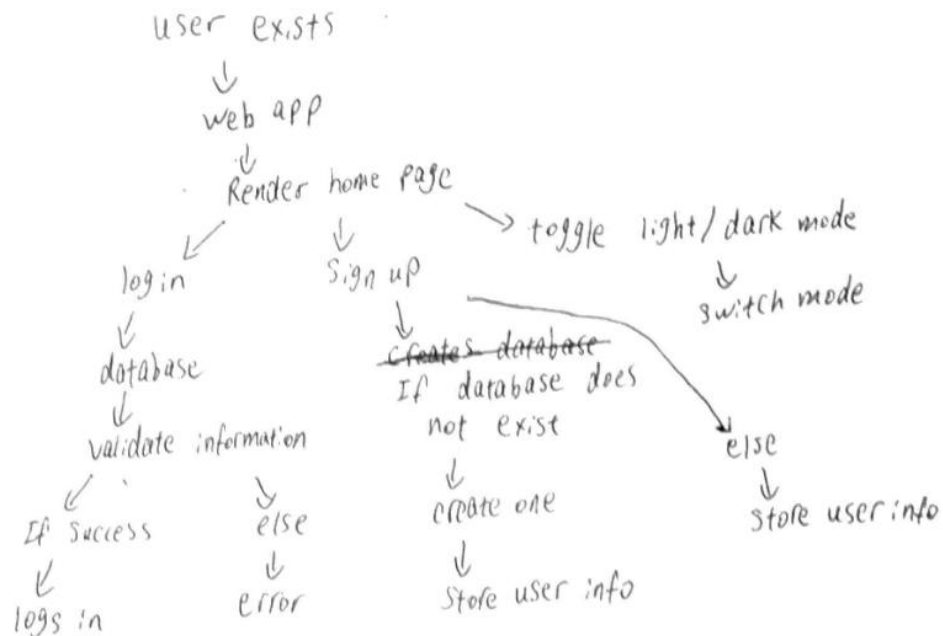
1. Usernames will not be repeated.
2. Email will not be repeated.
3. Ability to find lost password securely
4. Bets are cashed out less than 24 hours after a match has concluded

4. Use Case Diagram (10 points)



5. Class Diagram and/or Sequence Diagrams (15 points)

It is a Sequence Diagram



6. Operating Environment (5 points)

Windows 10 and 11, MacOS, Linux. Must have Python installed and a working browser. API must also work

7. Assumptions and Dependencies (5 points)

API is expired or removed by the third party platform. Flask gets taken off from PyPI, Python gets taken off, a browser update that prohibits user from loading localhost, or an operating system update that affects the use of the computer