

Group Number: 011-1

Group Name:

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Application Name:

Sports Book Hacker?

Risk-less

SafeBet

Application Description:

Our application will be centered around the functionality of utilizing real-time odds and sportsbook offers to calculate risk-free bets based on probability and given outcomes. We will be using an API to gather betting odds from various sportsbooks and use their data to suggest potential bets for maximizing winnings. Users will be able to view a variety of potential outcomes by inputting their desired sportsbook and given offers. The key points of the application include calculated odds so that no bet is placed without known outcomes. These “known” outcomes will

be based on various deals that sportsbooks offer for signing on, seasonal specials, or after meeting monetary value thresholds.

Individual user accounts will record an input of previous/current bets and suggest future bets based on those inputs. The application will be fairly simple as far as pages go since the user will not be making bets based on teams or sports, but the odds associated with any event. We will provide a page that lists viable options for placing bets that includes any additional non-essential information like sport, team, date, etc. The odds for any bet will be obtained using an API for the most up-to-date and accurate information. For the sake of simplicity, we do not intend to use an API for deals on offer at the various sportsbooks but will instead compile a list of the most common ones and allow users to select their intended, or available deal manually when using the bet hacker.

Users will also have the opportunity to communicate with customer service agents via a help page that offers “live” support. This feature will function essentially as a chat service that records previous conversations and allows interaction between two accounts (one client, and one SafeBet team member) This page should also include a suggestion box for bug fixes, feature requests, or help fill in missing data like new offers or incorrect odds.

Additional pages on the web app include login, register, welcome pages, an about page, a user profile page, a user betting history and a main function page for viewing recommended bets.

Vision Statement:

For anyone who wants to take the uncertainty out of placing sports bets. SafeBet is not a sportsbook, but a tool that will eliminate risk when placing bets on your favorite sports teams. Unlike a regular sportsbook, Safebet doesn't favor the house, it places the odds entirely in the direction of the players.

Version Control:

GitHub Link: <https://github.com/ruanwritescode/sportsbookhacker>

For Course Related documents we will be using Google Docs like this one and pasting their links into the submission file under “MilestoneSubmissions” directory

Development Methodology:

We will be implementing an agile methodology incorporating weekly sprints with our team paced around weekly stand-ups and a backlog of sprints. We will be using Jira software and Scrum to create, maintain, and track progress on sprints and assignments.

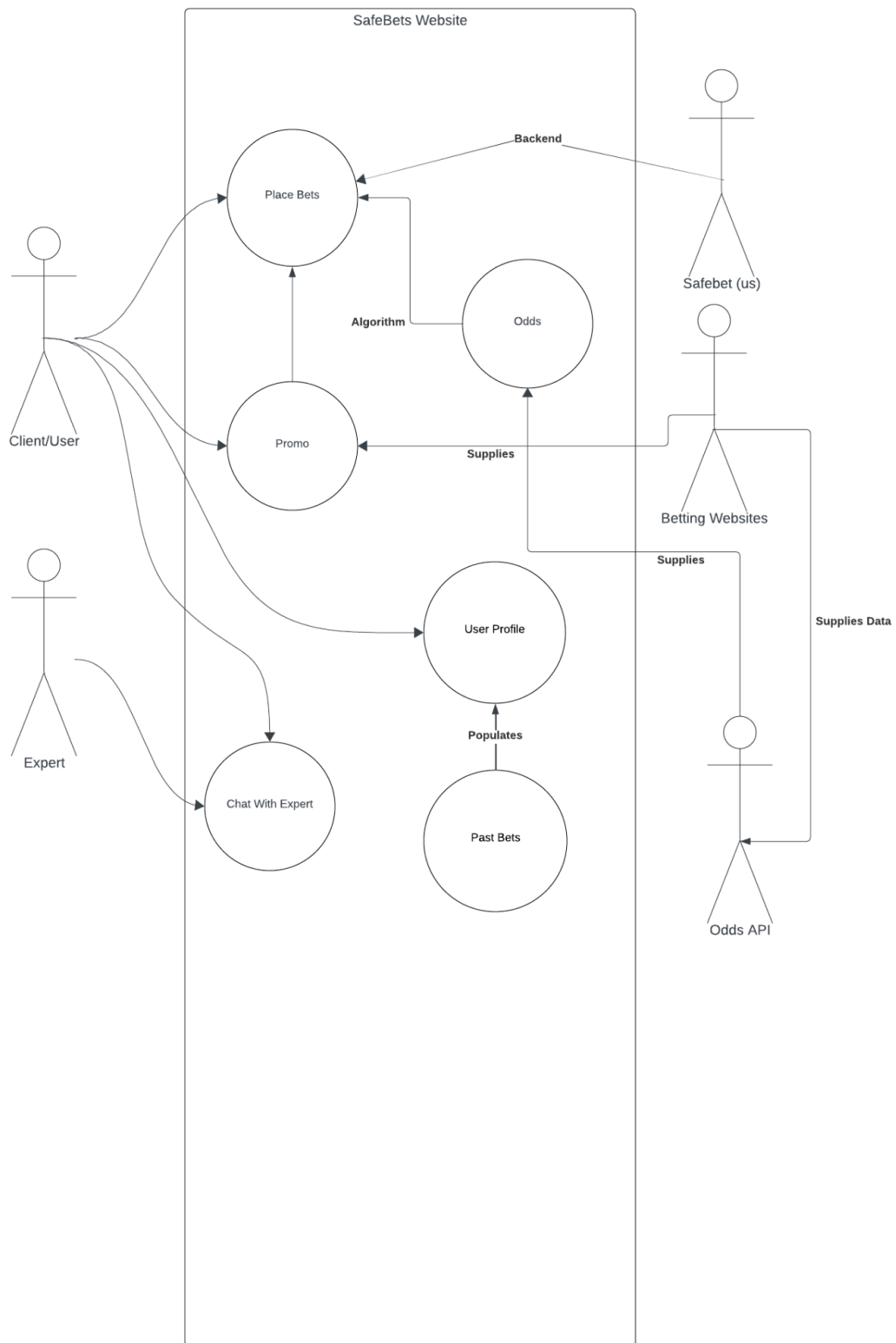
Communication Plan:

Our team plans to communicate through the Discord platform for non-scheduled communication as well as weekly meetings.

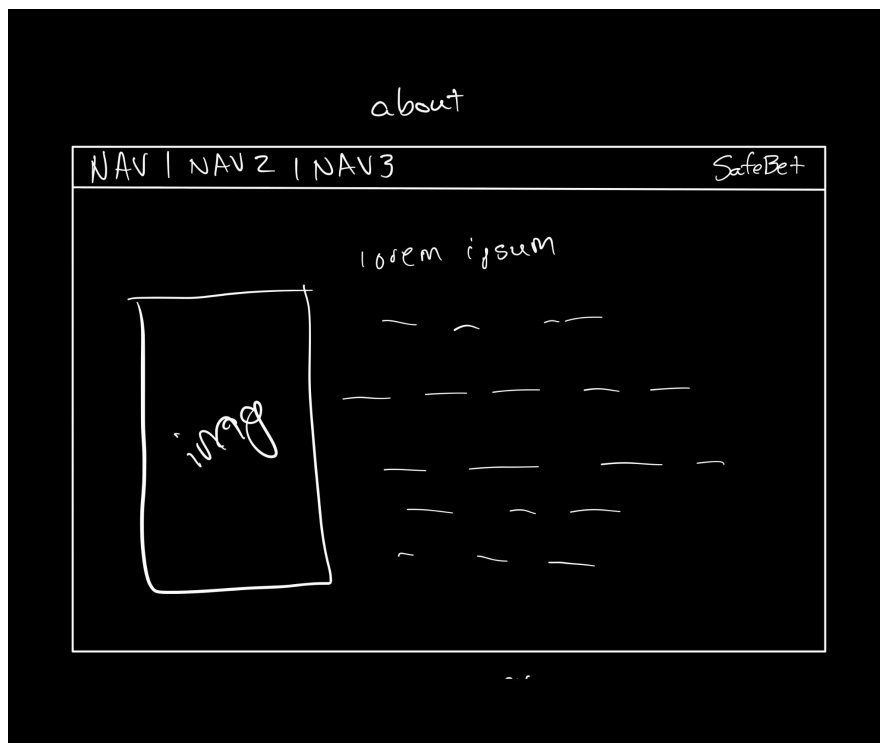
Meeting Plan:

Our meetings are scheduled for every Tuesday, and we will contact each other if another meeting is required after Tuesday's meeting.

Use Case Diagram:



Wireframes:



Home

HOME | HELP | ABOUT

SafeBet

Active Deal : Free Bet \$\$\$ ✓

Current Eligible Odds Sport ✓

	1st bet	2nd bet	winnings
-	event: bet <	event: bet	\$\$
-	\$\$
-	\$\$

