**Project Proposal: Fibbage Game Clone**

1. What goal will your website be designed to achieve?

End goal is a Fibbage-like game using fact api from API Ninjas (https://api-ninjas.com/). Broader goal is to create an entertaining game that multiple groups of players can enjoyer in-person or online.

2. What kind of users will visit your site? In other words, what is the demographic of your users?

Demographic will mainly target the Teen ESRB rating and beyond.

3. What data do you plan on using? You may have not picked your actual API yet, which is fine, just outline what kind of data you would like it to contain.

API utilized will need to contain various fun facts. Categories would be useful as well. Current API I would use is at <https://api-ninjas.com/> (subject to change)

4. In brief, outline your approach to creating your project (knowing that you may not know everything in advance and that these details might change later). Answer questions like the ones below, but feel free to add more information:

a. What does your database schema look like?

Database Diagram TBD.  
 Hosts(username [PK], password[hashed], game[FK])

Players(id[PK], name[unique], score, symbol[unique])

Games(id[PK], players[FK], room code[unique])

b. What kinds of issues might you run into with your API?

Limited amount of API calls per month on Free tier, and data formatting.

c. Is there any sensitive information you need to secure?

Host of each game will require an account and password. Password will need to be encrypted

d. What functionality will your app include?

App will make api calls for new facts, handle changes to players score, and delete game data once concluded

e. What will the user flow look like?

User Flow Diagram TBD.

Host => Start Game

Host => End Game Session

Player => Join Game

Player => Submit Answer

Player => Vote on Answer

f. What features make your site more than CRUD?

Facts and pieces of trivia will need the added functionality of removing a noun and inserting a [BLANK].

Players will be prompted for input at the start of each question.

Voting on submissions will occur on each question.

**Stretch goals:**

Adding additional games (Drawful for example) or game variants.

An ability for the host to have custom facts or a trivia mode.

Adjustable timers

Add a Like System

Add points for likes

Text to speech to read prompts (off by default)

Tutorial Section

Add anti-repeat logic to prevent multiple games from the host having repeated questions.