

Team Dubai Owls: Jeffrey Huang, Arib Chowdhury, Anya Zorin, Carlos “Karl” Hernandez
SoftDev
P5: This is the End
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Cards Against Humanity (Mobile):

This project will mainly utilize flutter to construct a cards against humanity site that can be compatible with both mobile and web. We will utilize the CAH pre-built database to construct decks of cards but also have an option for users to add their own cards. Users can play against other users or bots.

Components

- README.md:
 - Clearly visible at top: <Project Name> by <Team Name>
 - Roster with Roles
 - Description
 - Launch Codes:
 - How to clone/install
 - How to run
- SQLite Database:
 - Tables: Playable Cards
 - Question Cards (black_cards)
 - Response Cards (white_cards)
 - Card Sets (packs + black and white cards with them)
 - Table 2: Users
 - Username
 - Password
 - Friends
- APIs Used:
 - https://github.com/ajanata/PretendYoureXyzzy/blob/master/cah_cards.sql
- Flutter/Dart

Database Organization

- **Users table:**
 - There will be a row for each user.
 - There will be 4 columns: ID, Username, Password, and Friend ID's

| ID | Username | Password | Friend IDs |
|------------------------|----------|------------|----------------------------------|
| 0 | gamer11 | t0g2ka | 1~3~5~10 |
| <non-negative integer> | <string> | <password> | <string of ID's separated by ~ > |

- **black_cards**

- Cards will be taken from the CAH git
- (id, draw, pick, text, watermark)

| ID | Draw | Pick | Text | Watermark |
|------------------------|-----------|-----------|--|-----------|
| 0 | 0 | 1 | Here is the church Here is the steeple Open the doors And there is ____. | US |
| <non-negative integer> | <integer> | <integer> | <string> | <string> |

- **white_cards**

- Cards will be taken from the CAH git
- (id, text, watermark)

| ID | Text | Watermark |
|------------------------|---|-----------|
| 0 | Throwing grapes at a man until he loses touch with reality. | US |
| <non-negative integer> | <string> | <string> |

- **card_set**

- Cards will be taken from the CAH git
- (id, active, base_deck, description, name, weight)

| ID | active | base_deck | description | name | weight |
|------------------------|-----------|-----------|----------------|----------------|-----------|
| 0 | t | f | Base Game (US) | Base Game (US) | 1 |
| <non-negative integer> | <boolean> | <boolean> | <string> | <string> | <integer> |

- **card_set_black_card**

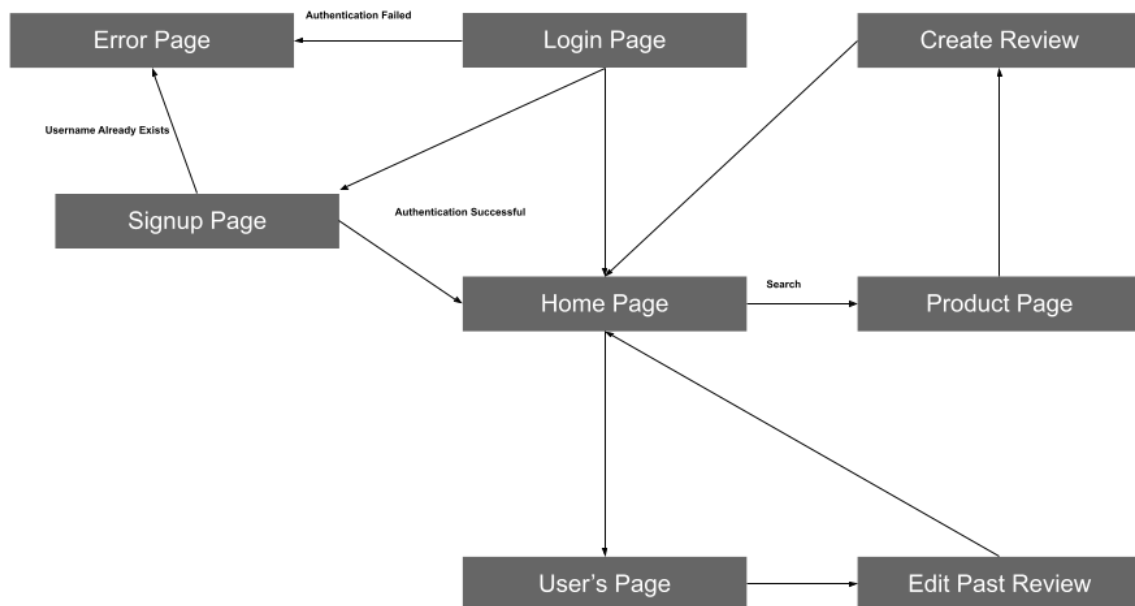
- Cards will be taken from the CAH git
- (card_set_id, black_card_id)

| | |
|-------------|---------------|
| card_set_id | black_card_id |
| 2 | 1 |
| <integer> | <integer> |

- **card_set_white_card**
 - Cards will be taken from the CAH git
 - (card_set_id, white_card_id)

| | |
|-------------|---------------|
| card_set_id | white_card_id |
| 2 | 1024 |
| <integer> | <integer> |

Site Map for Frontend



Tasks

- Hookup flutter with DB from the CAH git (my SQL)
- Make flutter app
- **CENSOR ALERT PAGE IN BEGINNING (R-rated 18+)**
- Censored deck of CAH to demo
- Frontend Dart usage

Timeline

- Learn flutter Xd
- Create basic app not pertaining to project (5/28)
- Start transferring knowledge from flask to flutter
- Get the DB working (6/1)
- Start construction of actual app (6/3)
- Finalize and test
- Frontend work