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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](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)



- 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