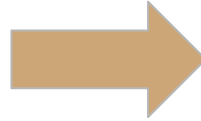anti café

Bessie
Luo

Karen
Rakotondralambo

Lancer
Guo

What is Anti-Cafe?

- Student struggles of finding seats at the library to study
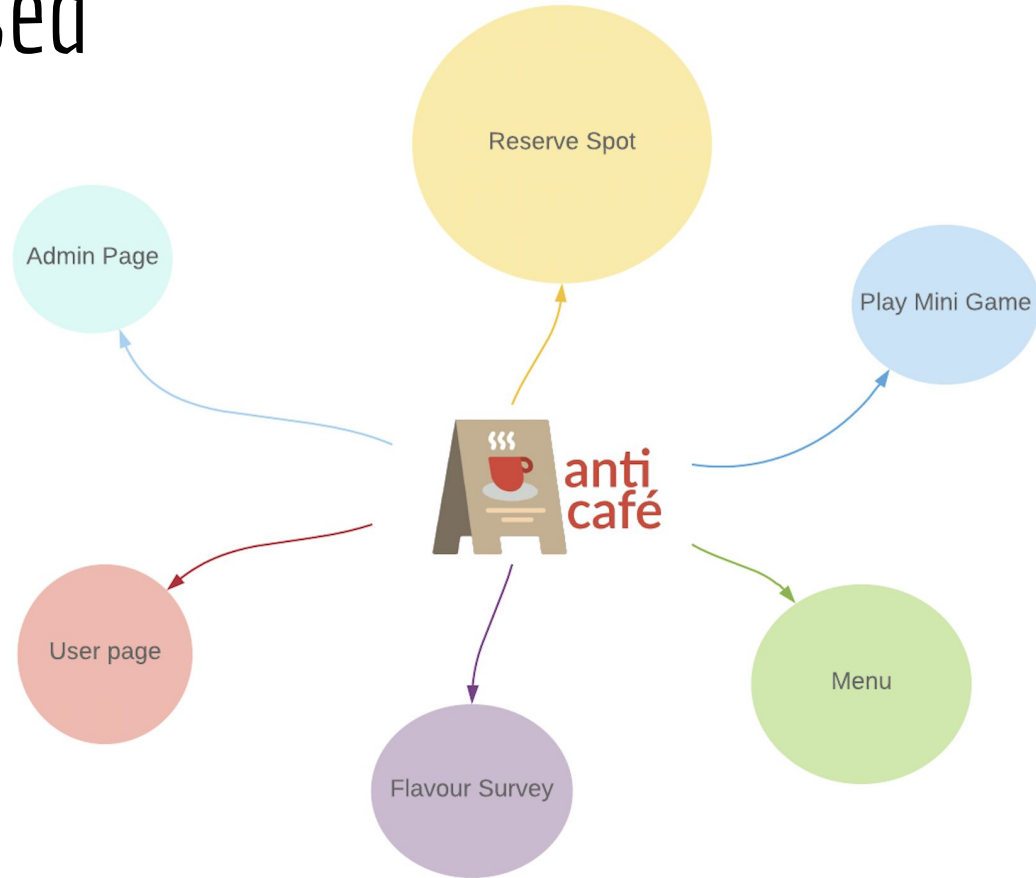- Want to eat snacks while studying

→

- Reserve spot at a café for a given period of time as long as you have paid for you seat
- A peaceful study place with food & drinks

RESERVATION SYSTEM IN A CAFÉ

Technologies Used

- HTML5/CSS
- Bootstrap
- JavaScript/DOM
- Canvas
- JSON
- Security (post, SHA)
- XAMPP server (Apache)
- MySQL database

Front-End

- Personality Quiz
    - A quiz that recommends a dish at the end based on your personality
    - HTML5, CSS, JS
- Main Page / Menu
    - Bootstrap, HTML5, CSS
- MiniGame
    - Play to gain points which can be used for reservation
    - JS, DOM, CANVAS

Back-End

- JSON
    - Communication between the front and back ends
- Security (post, SHA)
    - Using post to hide the username and password
    - SHA256 to hash the password of the user and store it in database
- XAMPP server (Apache)
    - Cross-platform, multi-technology
- PHP
    - Session variables to remember the user currently navigating

Database

- MySQL database

User database:
- Table that stores the relevant info of the users
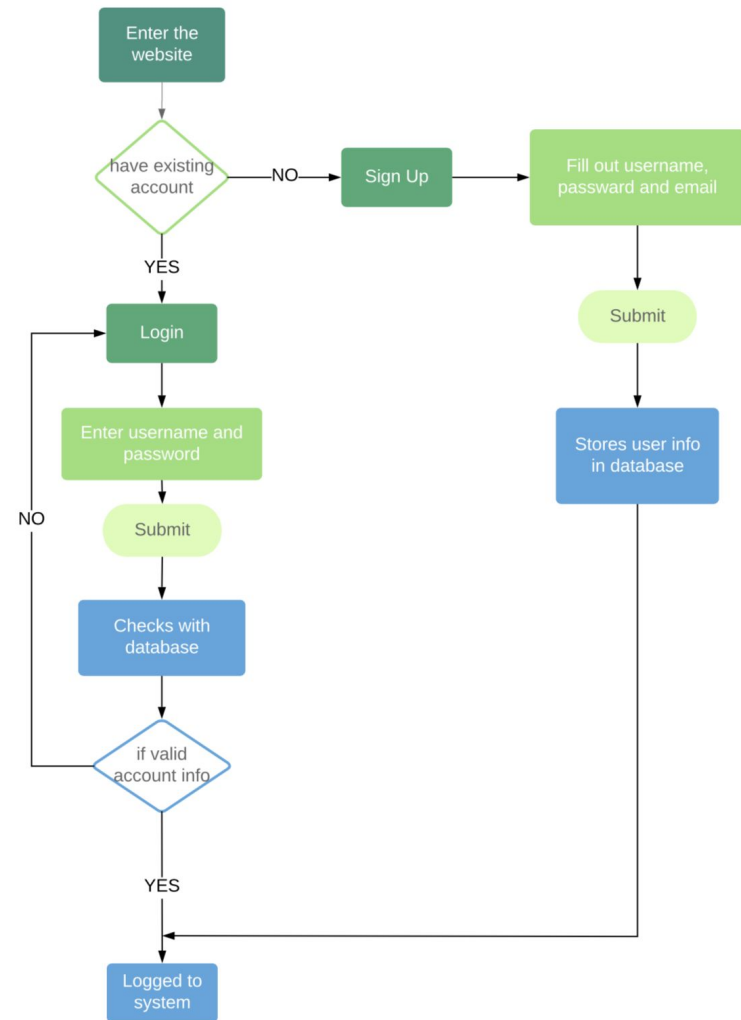- Administrator can make changes to this table

Reservation database:
- Table that keep track of the availability of café tables
- Table that stores the information on who reserved the time spot

MiniGame database:
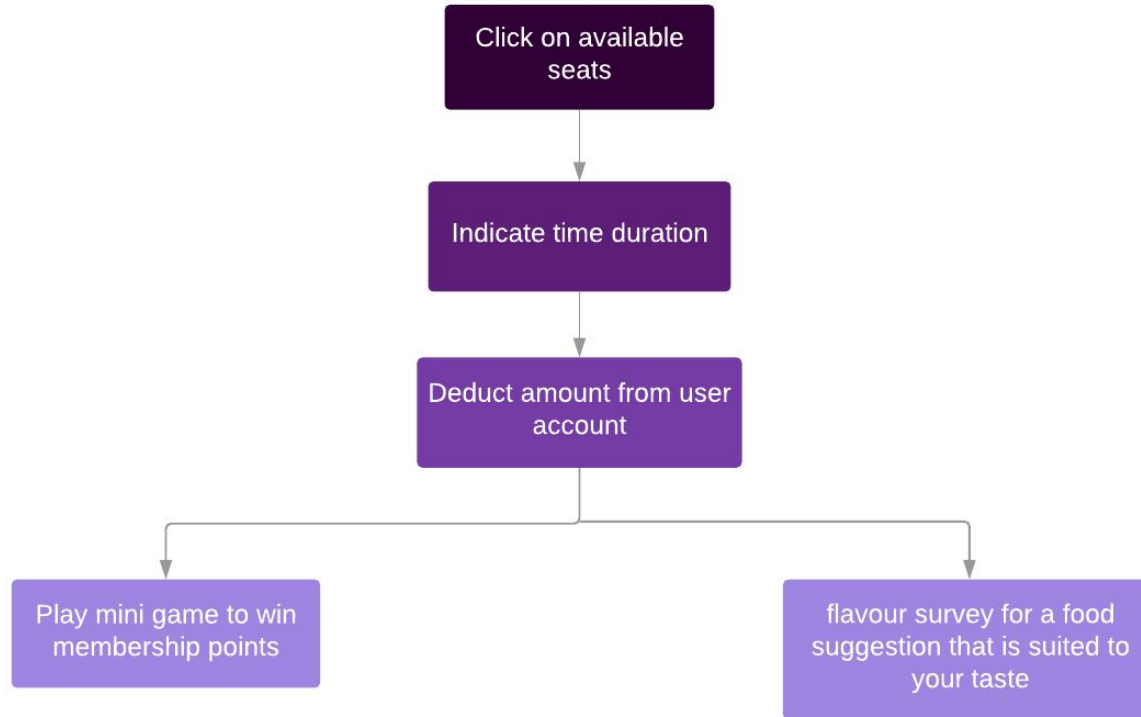- Table that stores the lead board of players

Log In & Sign Up

Reserving Seats

```
Click on available
seats
        │
        ▼
Indicate time duration
        │
        ▼
Deduct amount from user
account
        │
   ┌────┴────┐
   ▼         ▼
Play mini game to win    flavour survey for a food
membership points        suggestion that is suited to
                         your taste
```

What We Learned - Positive

- How to use Github properly for version control
- Setting up weekly meetings to work regularly and stay accountable
- How to link the different languages (HTML, JS, PHP) together
- The important skill of self-learning

What We Learned - Negative

- Breaking down the project in separate parts
- Fixing the small alignment and format issue with CSS is troublesome
- Linking everyone's work at the end often introduces new bugs

Demo

Q&A