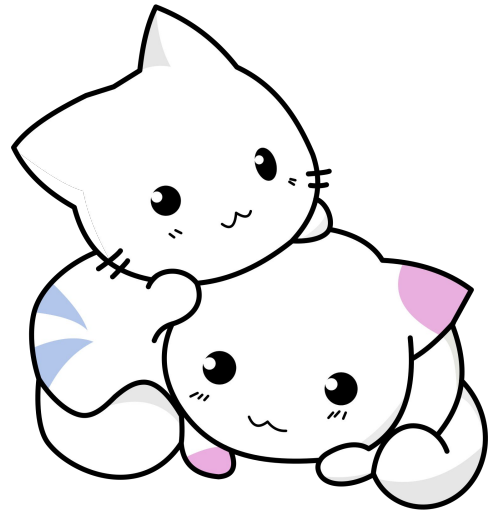


# Study Buddy

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Melissa Cron, Qiuting Zhao

# About Study Buddy

- App
- Track study time
- Pet
  - Grows when you study
  - Dies when you don't



# Related Work

- Habitica
  - Task oriented
- Forest
  - Not relatable



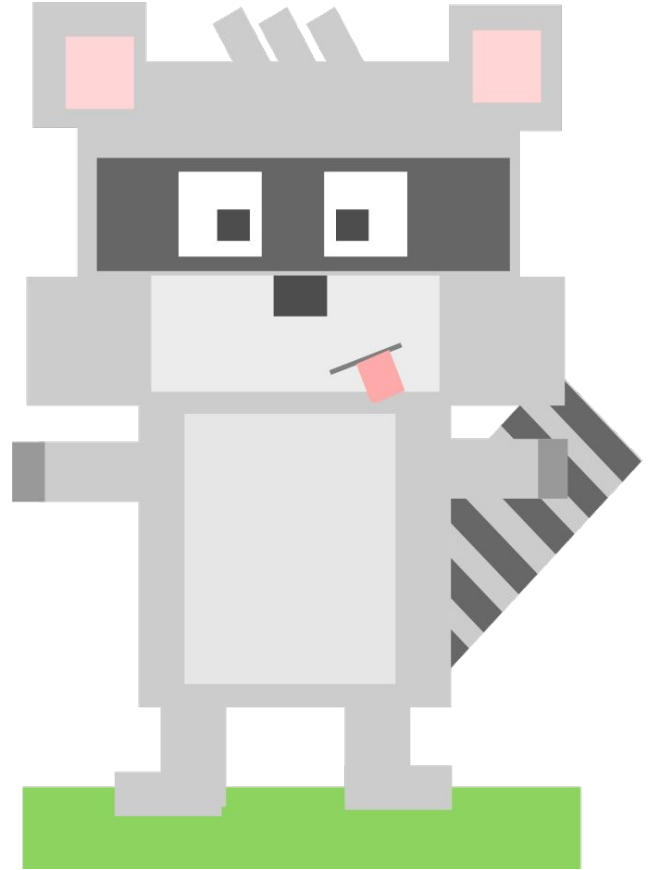
# Languages, Frameworks, and Tools

- Frontend: React Native
- Backend: Node.js
- Database: MySQL
- Login: Google API
- Container: Docker



# Quality Assurance

- Coding Quality
- Testing
- Code Review Strategies
- Branching Strategies





## Requirments Document



File Edit View Insert Format Data Tools Extensions Help



100% ▾



123

Default... ▾



10

**B***I*A

F8



	A	B	C	D	E
1	Name	Level of Need	Type	Description	Status
2	Calculate Progress towards Goal	Required ▾	Backend ▾	Calculate the user's progress towards their goal	Not St... ▾
3	Default Goal	Required ▾	Backend ▾	Have a default set goal of (5?) hours per week studying recommended	Not St... ▾
4	Display Goal	Required ▾	Frontend ▾	Display the study goal	Not St... ▾
5	Store Time Studied	Required ▾	Backend ▾	Store the amount of time studied on the device being used	Not St... ▾
6	Text Display for Progress	Required ▾	Frontend ▾	Create a text display that tells the user their progress towards their goal	Not St... ▾
7	User Input	Required ▾	Frontend ▾	Create an interface for the user to store the time they studied	Not St... ▾
8	Create Style	Recommended ▾	Frontend ▾	Change color and text formatting to create a consistant style across the app	Finished ▾
9	Custom Goal Hours	Recommended ▾	Frontend/Backend ▾	Allow users to change their goal hours per week	Not St... ▾
10	Name Pets	Recommended ▾	Frontend/Backend ▾	Allow users to give their pets custom names	Not St... ▾
11	Notifications	Recommended ▾	Backend ▾	Send notification when the user starts failing their goal	Not St... ▾
12	Single Pet	Recommended ▾	Frontend ▾	Display success or failure using several sprites of a single cute animal. It will grow/get sick/die depending on their progress to their goal	Not St... ▾
13	Track App Open	Recommended ▾	Frontend/Backend ▾	Set time studied based on the time the app is open and in the foreground instead of manually adding time	Not St... ▾
14	Accessibility	Optional ▾	Frontend ▾	Test for accessibility on all platforms	Not St... ▾
15	Android Compatability	Optional ▾	Frontend/Backend ▾	Test for compatability with android	Not St... ▾
16	Apple Compatability	Optional ▾	Frontend/Backend ▾	Test for compatability with apple	Not St... ▾
17	Desian more Pets	Optional ▾	Frontend ▾	Create many different pets to choose from	Not St... ▾

# Meetings & Planning

- Stand-up style
- Weekly
- Jira ticket tracking



# Current App

## Welcome

Test account: test@example.com / password123

Email:

Password: Show

☒ Remember me [Forgot password?](#)

Login

Or continue with

Google Facebook

## Select Study Time

Select your study time

Study 45 minutes

Test

## Select page

Select what you want to do

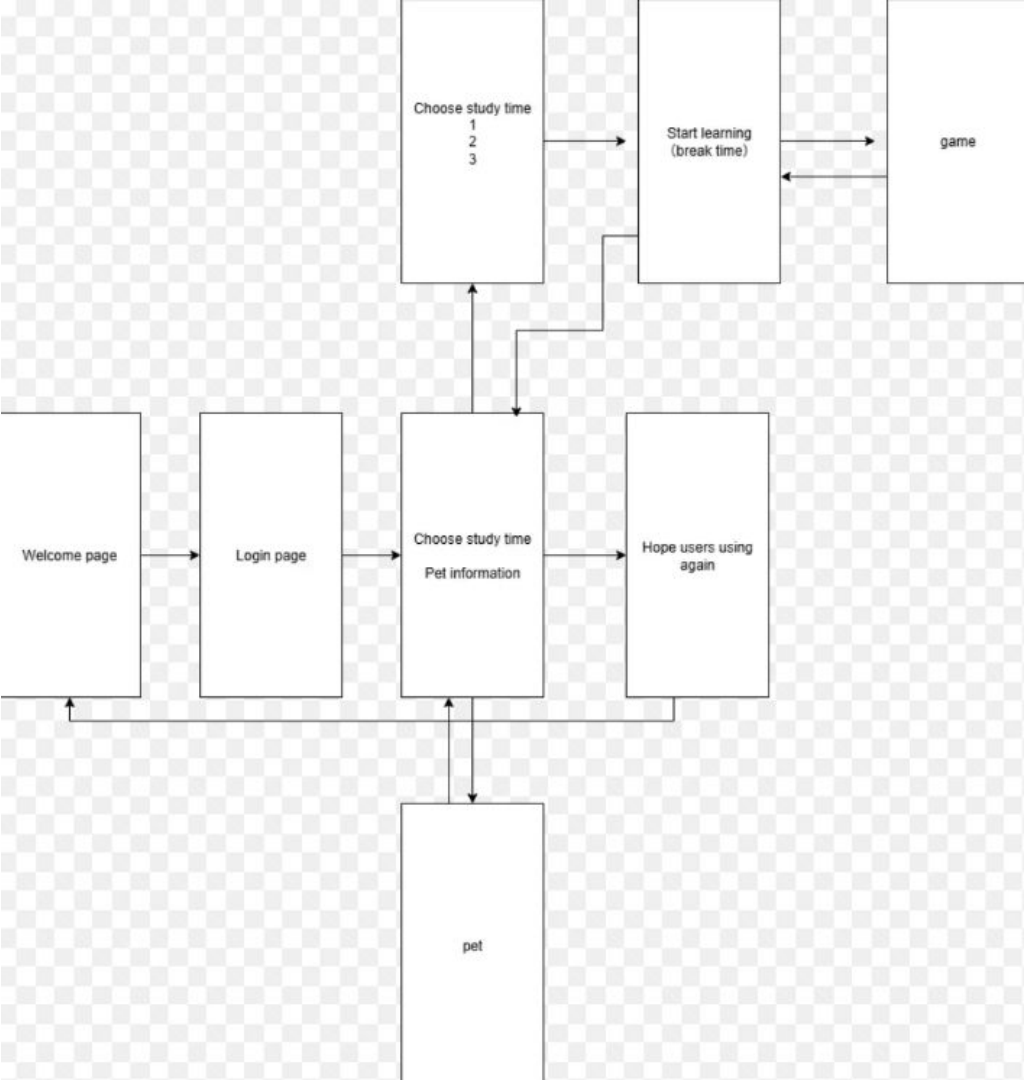
Tic tac toe

Return to study

Log out

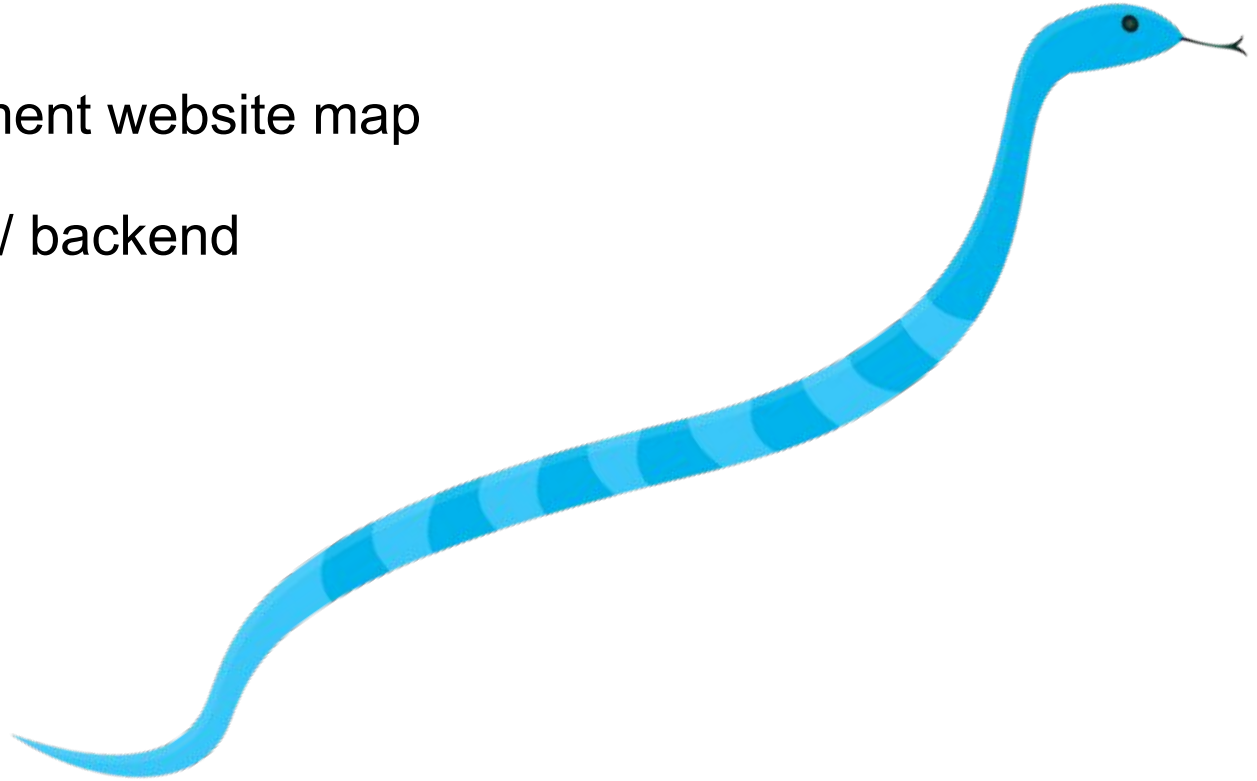


# Mind Map



# Goals for Next Iteration

- Polish and implement website map
- Store information / backend
- Login using API
- Study goal
- Timer
- Buddy - picture



# Picture Credit

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