Cvinder

Computer Engineering Essential

Group 35 Final Project Report

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What is Cvinder?

Want to find friends? Use Cvinder to find a match in your Mycourseville class.

A Tinder clone project for finding friends in class is an app that allows students to connect with each other based on shared interests, hobbies, and classes. The app would work similarly to Tinder, where users swipe right to connect with potential matches and swipe left to pass.

Requirements

Basic Requirements

- The web application is a Single-page Web Application.

- The users log in to the web application using myCourseVille login.

- The web application help students to find friends in their class and his/her will not study alone they may want friends for group work or ask for help.

- The front-end of the web application does NOT use any libraries/frameworks/plugins other than what was used in Activity 7. Standard Web (JavaScript) APIs that can be used in most modern web browsers without loading additional libraries/frameworks can be used.

Requirements

Basic Requirements

- The back-end of the web application does NOT use any libraries/frameworks/plugins other than what was used in Activity 8.

- All members contribute to the development and the contribution of each member is according to a "plan" agreed among the members of the group.

Requirements

Challenging Requirements

- The web application displays and interacts with the user nicely on different screen sizes and orientations.

- The application has a nice look and feel GUI.

- The web application has a unique feature enhancing user experience (related to the main goal of the web application) via utilization of Web API.

Stack

- Frontend
  - Failwindcss
  - Naked.js
- Backend
  - Express.js
  - DynamoDB

Setup

```
# install pnpm
npm i -g pnpm

# install dependencies
pnpm install
```

Setup

Environment variables

env	description	example
PORT	port for running	3000
NODE_ENV	environment	development
AWS_REGION	aws region	ap-southeast-1
AWS_ACCESS_KEY_ID	aws access key	None

Setup

Environment variables

env	description	example
AWS_SECRET_ACCESS_KEY	aws secret access key	None
CLIENT_ID	mcv client	None
CLIENT_SECRET	mcv secret client	None
URL	host url	127.0.0.1:3000

Gantt Chart

Task	Assignee	20	21	22	23	24	25	26	27	28	29	30	1	2	3
Authentication	Peam		X	X											
Chat	Tar									X	X	X			
Match	Peam			X	X	X	X	X							
Chat/Conversation	Tar				X	X	X	X	X						
Chat/Overview	Tar						X	X	X	X					
Home page	Meen		X	X											
Register / Login	Meen			X	X										
Profile	Gong	X	X	X	X	X	X	X							
Test & Fix bugs	Everyone									X	X	X	X	X	X
Deployement	Everyone						X	X	X	X	X	X	X	X	X
Documentations	Tar & Peam											X			
Presentaion	Tar & Peam												X		

Running

```
# for development
pnpm dev

# for build static
pnpm build

# for serve static with express
pnpm serve
```