Frontend development Class 08, Series 02

Frontend

01 Repos and extensions

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Repos and extensions

Browser extensions

- Vue devtool extensions

- apollo client devtools

- Eslint

- Graphql

- Tailwind CSS Intellisense

- Vue 3 support - all in one

Repos

- Awesome Vue

Class Exercise

Build countries list

- show list of countries

- displayed information should include

- name

- flag

- continent

- country code

- phone code

- capital

- currency

- languages spoken

- it should include list of states

- design with figma

- GraphQL Server:

https://countries.trevorblades.com/

Assignment

Design and build a Page builder similar like CMSs using Fakeql as as a GraphQL server

Pages (Demonstration of union types in a CMS like setup) source

Technologies to use

- **Figma**
- **Vue3**
- **Fakeql**
- **Tailwindcss**
- **Apollo client**
- **GraphQL**
- **vue-router with nested routes**
- **Vite**
- Github
- Netlif

Pages list

- add new page
- list of pages
- delete page
- edit page

Page builder

- build a page composed of
- section
- images
- texts
- pages list

Page preview

- preview final build page

Alternate assignment

Design a Rick and Morty TV Show website using rick and morty API as as a GraphQL server with

Technologies to use

- **Figma**
- **Vue3**
- **Tailwindcss**
- **Apollo client**
- **GraphQL**
- **vue-router with nested routes**
- **Vite**
- Github
- Netlify

Pages list

- home page
- episode page
- character page
- location page

Vue Libraries to use

- carousel for the home page

Inspirations

- https://www.imdb.com/title/tt2861424/
- https://rickandmortyapi.com/

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Alternate assignment

Design a Rick and Morty TV Show website using [rick and morty API](#) as as a GraphQL server

Home page
- carousel of the show image (google)
- description/storyline of the show (google)
- Genre of the show(google)
- creators of the show (google)
- stars of the show (google)
- rating of the show (google)
- list each episodes (link to episode page)
- should pass id
- list each characters (link to character page)
- should pass id
- list location (link to location page)
- should pass id

Episode Page
- show full detail of the episode
- name, air_date, episode, created
- list all characters in the episode
- name, status, species, gender, image
- Query only what you need on this page

Character Page
- show full detail of the characters
- name, status, species, gender, image
- list all episodes the character participated on
- name, air_date, episode, created
- show last known location of the character
- Query only what you need on this page

Location Page
- show full detail of the location
- name, type, dimension, created
- list all residents in the location
- name, status, species, gender, image
- Query only what you need on this page

Assignment

Submission and Evaluation

- Use **Git** and **Github** to store your code
- Use **Netlify/Vercel** to deploy your code
- Put your **Github** account link at the bottom of all your pages
- Put your **Figma** Design link at the bottom of your pages
- Submit only your site link generated from **Netlify/Vercel**
- You will be evaluated based on
  - how feature complete your project is
  - Figma design
  - UI/UX
  - Using the right query for the right page