Web Development Projects

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Complex_1 Projects List

Api Integration

Create an Integrating an API and displaying data in a table in a UI design.

Brief

Create a new React application or use an existing one as the basis for your project.Identify the components needed for your UI, including one for the data table.

Level 1

- Design a table structure to represent the fetched data.
- Map the data from the API response to the appropriate rows and columns in your table.
- Implement a loading state to inform users that the data is being fetched.

Level 2

- Display an error message or provide a way for users to retry fetching the data.
- If the dataset is large, consider implementing pagination to display a limited number of rows at a time.

Level 3

- Test the UI to ensure that the data is displayed correctly, and the table behaves as expected.
- React application that integrates with an API, fetches data, and displays it in a well-designed data table.
- Keep in mind that this is a high-level overview, and actual coding will be required to implement these steps.

To Do

- ☑ Create a Table
- ☑ Separated a column
- ☑ Make a Api integration

Layout Design

Name	Email_Id	Phone Number

Cms Websites

Creating a CMS (Content Management System) website involves choosing a CMS platform, setting up your website, customizing its design, and adding content.

Brief

Select a user-friendly CMS platform that allows you to build and manage your website without coding.Sign up for an account on the chosen CMS platform.

To Do

- ☑ Choose a cms website
- ☑ Create a homepage
- ☑ Create a learning page
- ☑ Create a cms website

Level 1

- Choose a template or theme that aligns with the style and layout you envision for your website.
- Templates are pre-designed layouts that you can customize to suit your content.
- Use the CMS platform's built-in customization tools to modify the design and layout.

Level 2

- Start creating pages for your website. Common pages include the homepage, about page, contact page, and any specific pages relevant to your content.
- Depending on your chosen CMS, this might involve filling in text boxes, uploading images, or embedding multimedia.
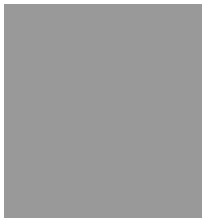
Level 3

- If desired, integrate social media sharing options or embed social media feeds to connect your website with your social presence.
- Plan for regular updates to keep your content fresh. Regularly check for software updates on your chosen CMS platform.
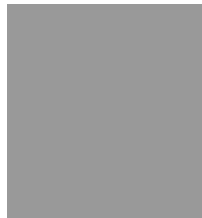- CMS platform may still involve some learning and exploration within the platform's interface.
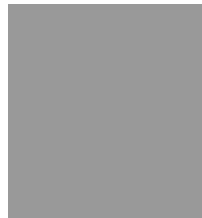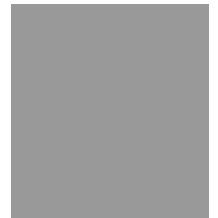
Layout Design

Title

Course 1 **Course 2** **Course 3** **Course 4**

Ecommerce Websites

Creating an eCommerce website involves several steps, including selecting a platform, setting up your online store, adding products, configuring payment methods, and launching.

Brief

Explore different eCommerce platforms like Shopify, WooCommerce (for WordPress), BigCommerce, Wix eCommerce, or Magento.Choose the platform that aligns with your business needs, budget, and technical expertise.

Level 1

- Select a unique and relevant domain name for your online store.
- Create product listings with clear titles, descriptions, images, and prices.
- Organize products into categories and add relevant tags for easy navigation.

Level 2

- Test all features, including product search, add to cart, and checkout processes.
- Integrate Google Analytics or other analytics tools to monitor website traffic and user behavior
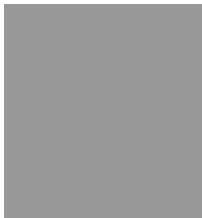
Level 3

- Ensure your site works well on various devices, especially mobile.
- Use social media, email newsletters, or other channels to announce the launch of your eCommerce store.

To Do

- ☑ Choose a ecommerce website
- ☑ Create a homepage
- ☑ Create a store and price
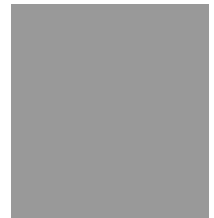- ☑ Create a reusable component

Layout Design

Title

Item 1

Item 2

Item 3

Item 4

Job Board

Creating a job board using React involves building a frontend user interface that interacts high-level guide.

Brief

By leveraging React, you can develop a job board application that empowers employers to post job vacancies while enabling job seekers to effortlessly search for and apply to desired positions.

Level 1

- Enhance the functionality by implementing features like job filters, saved job listings, and job application tracking.
- Allow employers to post job listings with details such as job title, description, requirements, location, and application deadline.

Level 2

- Enable job seekers to search for job listings based on criteria such as keywords, location, industry, or job type.
- Provide filtering and sorting options to refine search results.
- Allow job seekers and employers to create accounts, log in, and manage their profiles.

Level 3

- This facilitates personalized experiences, application tracking, and job posting management.
- Enable job seekers to apply for job listings by submitting their resumes, cover letters, and other relevant documents.
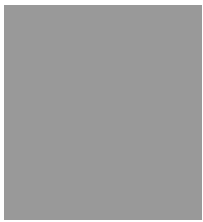- Implement options for employers to manage and review applications.

To Do

- ☑ Create a input field
- ☑ List a job
- ☑ Create a job application
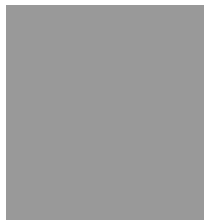- ☑ Add submit button
- ☑ Find a job

Title

Search job....

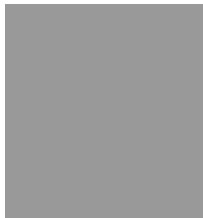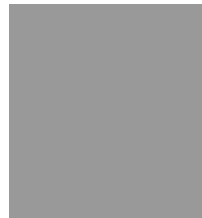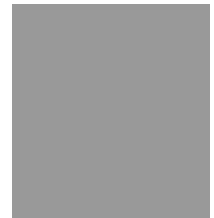|			
Job 1	**Job 2**	**Job 3**	**Job 4**
Job 5	**Job 6**	**Job 7**	**Job 8**

Quiz App

Creating quiz app with React is a great way to practice building interactive applications requiring user input.

Brief

With this project, you'll create dynamic user interfaces that respond to user input, manage state to track user progress, and fetch and display data from an external API.

Level 1

- To build this React quiz app, you'll use all of the React fundamentals, including component composition, state management, and event handling.
- Plan the structure of your quiz, including questions, answer choices, and correct answers.

Level 2

- Decide on the number of questions and their types (multiple-choice, true/false, etc.).
- Design React components to represent individual quiz questions.
- Each question component should include the question text and answer choices.

Level 3

- Design a mechanism to dynamically display questions based on the quiz data.
- Utilize React's mapping capabilities to render a list of question components.
- Consider implementing a progress bar to show users how far they are into the quiz.

To Do

- ☑ Create a mcq list
- ☑ Make a choice
- ☑ Add a next button
- ☑ Add submit button
- ☑ Add a checkbox

Layout Design

Make a questions…….

- ●
- ●
- ●
- ●

Next