SIT313
Find Question Page

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SIT313 - Full-Stack Development: Secure Frontend Applications
Find Question Page

Overview

This task intends to provide you with experience in React States, React Hooks, Firebase and React Routers. You are given the requirements of the questions page of DEV@Deakin Web Application.

You will find "Topic Videos and Demo Videos" of Week 4-8 on the unit site to be particularly useful as a reference for this task. Please also keep an eye on your email and any announcements that may be made on Cloud Deakin.

Task Requirements

1. You need to develop the post button feature that you developed in Task 5.1P using Firebase and save all posts and articles in a Fire store. You also need to add one more component (as shown below) to the post page in which **a user can upload their image for their article and save it via Firebase.**

2. The **Find Question** page (appears on home page navigation bar) includes a list of questions as cards that will show the title, description, tag and date of questions. A user will see question details to answer the question or check solutions. The page has the following features:
   - The user can filter out questions based on date, tag, or question title.
   - The user can delete tasks that they do not want to see, and the question list will be updated accordingly.
   - When a user adds a new question, the question will be added to the list of questions.
   - When a user clicks on the selected question card, it will be expanded to show more details.
   - (Optional) A user can reorder the list. You could use React Draggable npm package to implement this feature.

   You are allowed to use Semantic UI React , or similar packages.

New Post

Select Post Type: ○ Question   ◉ Article

What do you want to ask or share

This section is designed based on the type of the post. It could be developed by conditional rendering. For an article, the following section would be appeared.

Title   Enter a descriptive title

Add an image: Browse
                                         Upload

Abstract

Enter a 1-paragraph abstract

Article Text

Enter a 1-paragraph abstract

Tags   Please add up to 3 tags to describe what your article is about e.g., Java

Post

Submission Instructions

To submit this task on OnTrack, please follow the guidelines below:

- Ensure that all project files related to this task are stored in a GitHub repository named "Task 8.1D".
- Submit a link to a demo video showcasing the loading and running of your task page.
- Consolidate all required links, including a screenshot of your webpage, into a single PDF file.
- Submit the PDF file through the task submission page on OnTrack.
- Grant access to your marking tutor to the GitHub repository, so that we can review your work.
- Ensure that your demo video and the GitHub repository are not public. If you choose to upload the video to platforms like YouTube or Deakin Air, make sure it is set to private and only accessible to your teaching team.