

Firestore Assignment: User Authentication + Firestore CRUD Operations, and E-commerce application.

Instructions:

1. Setup Firebase Project:

- Create a new Firebase project on the Firebase console.
- Enable Firebase Authentication and Firestore for the project.
- Utilize Firebase Authentication to implement user sign-up, sign-in, and sign-out functionalities for your e-commerce platform (use it from your last assignment)
- Design and implement HTML/CSS pages for user authentication, including sign-in, sign-up, and user profile pages (use it from your last assignment)
- You should create more pages like admin and products

2. Firestore CRUD Operations for Product Management:

- Create a Firestore collection named 'products' to store e-commerce product data.
- Implement CRUD operations to manage product documents within the 'products' collection:
 - Create Operation: Allow admins to add new products to the e-commerce platform.
 - Read Operation: Retrieve and display product information to users browsing the platform.
 - Update Operation: Enable admins to update existing product information, such as name, price, description, image (use inputs and links rather than actual image)
 - Delete Operation: Provide functionality to remove products from the platform.
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3. Design Implementation:

- Idea for an ecommerce design design ([link provided](#))
- Ensure that the design is aesthetically pleasing, user-friendly, and optimized for e-commerce functionality.
- Utilize HTML, CSS, and potentially frameworks like Bootstrap or Materialize to achieve the desired e-commerce design (not a requirement)

6. Submission Guidelines:

- Submission will be using GitHub repository link or a zip file containing the project files.