**QUILLIUM**

A campus based social media platform

**12-week Project Plan**

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| **Course Title:** | Application Design and Development (Project) | |
| **Course Code:** | CSEP-3209 | |
| **Course Teacher:** | Dr. Sajeeb Saha | |
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**Week 1: Front-end Design**

Design user-friendly login and signup screens.

Create wireframes or mockups.

Set up UI elements for user information input during signup.

**Week 2: Back-end Authentication**

Implement Firebase Authentication for secure sign-up and login.

Establish a database schema to store user data.

Develop user verification logic.

**Week 3: User Profiles and Posts**

Enable profile picture uploads.

Implement post creation and viewing.

**Week 4: Social Interaction**

Add like and comment features.

Create a notification system.

**Week 5: Sharing and Connections**

Allow post sharing.

Develop the follow/unfollow functionality.

**Week 6: Messaging**

Create private messaging features.

**Week 7: Search Functionality**

Add user and post search capabilities.

**Week 8: Newsfeed**

Develop a newsfeed displaying followed users' posts.

**Week 9: UI/UX Enhancement**

Improve the overall user interface and experience.

**Week 10: Settings and Prep**

Allow users to customize app settings.

Begin test prep and gather documentation.

**Week 11: Testing and Feedback**

Conduct comprehensive testing.

Address critical issues.

Enhance UI/UX based on feedback.

**Week 12: Final Polish and Presentation**

Perform bug fixes.

Prepare a presentation or demo for the course.