

Proposal

College Social App

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Submitted in partial fulfillment
Of the requirements of CSC-431
Software Engineering course project

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Preface

This is a proposal for the College Social App project for partial fulfillment of the requirements of a Software Engineering course (CSC431) project in the department of Computer Science at the University of Miami.

This proposal provides the scope and context of the project to be undertaken. It details the intended user group and the value that the system will have to them.

The intended audience of this document is the course professor and teaching assistants so that they can determine whether the project should be approved as proposed, approved with modifications, or not approved.

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1.1. Purpose, Scope and Objectives

The purpose of this project is to create an app used solely by college students to enhance their on-campus social experience by recommending communication channels based on their interests and experiences. The product will be delivered via an app featuring chat rooms grouped by interest topics and club organizations. To access the product, an Android mobile device and internet connection will be required. The app will be created using Android Studio and coded in Java and XML. This app allows students to connect with others and access peer to peer information easier, especially those that don't have the time to attend certain meetings or social gatherings. College students are very busy and may not always have the time to attend all office hours, join and meet with clubs they may be interested in, finding others that may have similar interests, etc. Moreover, due to COVID-19, students aren't able to branch out and be as sociable as a college student is normally expected to be. This app will provide another avenue for students to try and be as sociable as possible while catering to both remote and in-person students.

1.2. Project description

The College Social App will have this layout:

The layout of the app and chat rooms will be created manually, but chat logs and account information will be saved to a server using a cloud storage service.

Features:

- Sign-in page
 - Email will link you to correct school channels using email domain.
- Section selection
 - Sections include, academics, clubs, entertainment/other
- Room selection
 - Inside each section, there will be different rooms that users can join.
 - New rooms can be made for official clubs and classes through an application process.
 - Features a room search bar (manually implemented)
- Current Rooms
 - Shows all the rooms that the student is currently in
- Profile Page
 - Shows current user information, and allows user to edit any information