

Project Description

Implement an existing interface design into a working mobile application. This project involves creating a social messaging application to support Muslim students finding friends and social events related to their faith. The original design is ambitious, and will likely need to be reduced in scope to be completed by a team of 3-4 students in 16 weeks. Details would be determined early between the team and the client (Prof. Rob Thompson, CS). This project would be done from scratch; there is no existing code base.

Project Functional Requirements

See the following links for a high-level description of the design process and final design that is prompting this project:

- https://medium.com/@rthompson_54785/the-research-and-design-behind-faithconnect-12fe12c8e29c
- https://medium.com/@rthompson_54785/the-design-iterations-and-final-mockup-of-faithconnect-398f000d0b2b

From the current design document, the requirements are a mobile application that supports:

- A secure user login and management system
- User account and settings customization
- Friend suggestions and request/accept system
- Social event scheduling and editing
- Person-to-person and person-to-event chat system

Undecided Aspects

The project is only currently a proposed design, and many of the technical implementation details are yet to be decided. Some of these include:

- Platform choice (presumably iOS or Android, could be web-based)
- Backend hosting and choice of database
- Main programming language(s) and additional frameworks/libraries
- Format of final deliverable (a live application, or something else?)