**CMPSC 487W Phase #2**

**Design Review, Project Milestone**

**Group Name: Remember5**

**Members: Hasan A., Anna M., Flamur B.**

**Professor: Dr. Hyuntae Na**

**Date: 11/30/2022**

**Selection of framework/architecture**: The frameworks that we have chosen to use will be based on our need in different areas of the website. For the front-end development, we will rely on frameworks that allow us to be precise in the feature we have, such as Angular. This will be used to build the UI design and ensure proper user interactions. We will also use Django, which is both for front-end and back-end work. Django is a Python based framework and allows for fast development and well-organized documentation. Lastly, NoSQL will be used for our database.

Diagram

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| Month | Day | Development Plan | Test and Demonstration Plan |
| Feb | 6 | Account Implementation   * Username/Password * Update information   Location Services   * Identify Nearby Users | * User can create a personal account * User can change personal account information * User can test location services |
|  | 13 | Chatroom 1.0   * Allow user to communicate with other users   Push Notifications   * Remind user of daily prayer times | * User can talk to other nearby users * User can receive push notifications |
|  | 20 | Chatroom 2.0   * Implement ML model to moderate chatrooms | * User has words and phrases moderated to check for profanity and bad language |
|  | 27 | User Feedback   * Allows user to rate the app | * User can give feedback about current features or new features |
| Mar | 6 | User Feedback ML model   * Implement ML to moderate feedback   Email Notifications   * Remind user of daily prayer times | * User has words and phrases moderated to check for profanity or bad language * User can receive email notifications |
|  | 13 | Religious Studies, Lessons, Quizzes   * Implement knowledge sources and testing for users within the app | * User can take lessons and quizzes to demonstrate knowledge on religious topics |
|  | 20 | Feature Testing   * Test features and document needed changes | * User can interact with all features of the app |
|  | 27 | UI Design Implementation   * Implement the overall UI design | * User can interact with the web app in a coherent fashion that makes sense |
| Apr | 3 | Implementation Testing Changes   * Implement changes from prior testing and documentation | * User can interact with all features and updates to features |
|  | 10 | UI Design Changes   * Polish up UI design for final preparation   Final Feature Testing   * Test all aspects of all features | * User can more seamlessly interact with web app |
|  | 17 | Demonstration Preparation   * Create a demo for the web app | * User can use demo as a start before using the web app |
|  | 24 | Presentation | * Present project |

**Gantt Chart**: In the excel file, it’s too big to big for one page.