

## **Sprint 2**

### **Goals:**

1. Database Schema
  - a. We will have created a Database Schema Design for the User DAO Component.
  - b. We will have created a Database Schema Design for the Group DAO Component.
  - c. We will have created a Database Schema Design for the Message DAO Component.
  - d. We will have created a Database Schema Design for the Membership DAO Component.
2. Login/ Registration
  - a. We will have written code for User Registration.
  - b. We will have written code for User Login.
3. Implementation of Database
  - a. We will have implemented the Model Layer for the User, Group and Message and Membership Components.
  - b. We will have implemented the DAO Layer for the User, Group and Message and Membership Components (based on the requirements for this sprint).
  - c. We will have implemented the Service Layer for the User, Group and Message and Membership Components (based on the requirements for this sprint).
4. Unicast
  - a. We will have implemented the Unicast feature (send/ receive individual messages).

### **Stretched Goals:**

1. Multicast
  - a. We will have implemented the functionality of creating a group.
  - b. We will have implemented the Multicast feature to support creation of groups and sending/ receiving messages on groups.
  - c. We will have implemented the functionality of adding new members to a group.
2. We will have attempted to integrate the Database with the Business Logic of the requirements for the current sprint.
3. We will have attempted to integrate the continuous deployment process with AWS.