AACE Network

This document will contain descriptions about modules and functionality that will be implemented for the first version of the web based application.

## Functionality for V1

* Authentication module (10 hours)
  + Register user
  + Login user
  + Assign user role
* Profile module (3 hours)
  + View profile
  + Edit profile
  + Search profile
  + Delete profile
* Post module (4 hours)
  + Create post
  + Edit post
  + Delete post
  + Comment on post
* Group module (8 hours)
  + Join a group
  + Create post in a group
  + Create a group (authorized users only)
  + Edit group description/info (authorized users only)
  + Delete a group (authorized users only)
  + Invite to group
* Event module (4 hours)
  + Create event
  + Edit event
  + Share event
  + Invite to event
* Message module (10 hours)
  + Send message to user
  + Send message to group
  + Send message to all
* Notification module (4 hours)
  + Receive notification for message
  + Receive notification for event invitation
  + Receive notification from official posts
* Administrator module (20 hours)
  + View all members
  + Approve a member profile update
  + Approve membership
  + Send message to member
  + Ban member
  + Create official event
  + Create official post
  + View usage statistics
  + Send official message to all members
* Frontend Design (30 hours)
  + Profile page
  + Home page
  + Message page
  + Event page
  + Group page
  + Admin dashboard
    - Memberships (all, confirmed, pending)
    - Events
    - Profile reviews
    - Dashboard general info
    - User management
* Server setup and configuration (API endpoints) (13 hours)
* Software architecture design (Database schema, logic flows) (6 hours)
* Domain setup and configuration (2 hours)
* Email server configuration (8 hours)