**Personal Project Plan**

**Project Name:** Guitar community website.

**Overall:** Developing a web-page for a guitar community which requires its contents such as texts, movies, pictures, and so on. This community is managing based on membership structure. Also, they want to provide some lectures for members.

**Required roles:** Admin, Manager, Member

**Objects:**

1. Handling front-side tasks with AngularJS and Bootstrap

2. Managing user roles

3. Posting articles which includes texts, pictures, and movies

4. Manage events with schedule (How to use API?)  
3. Homepage management (Board, Video), Event management, Schedule management

**Environment:** Spring framework, Maven, JSP, Hibernate, AngularJS, MySQL, Bootstrap...

**General Details:**

1. A fancy appearance
2. SPA type with AngularJS(menu navigation bar on top)  
   - Home, About, Story(Social style which can handle text, image, and movie), Event
3. Login is required to see Story.

**Menu Details:**

1. **About** (Auth: all)  
   - Fake history of this community(No need to asking authorization)
2. **Story** (Auth: Admin, Manager, Member)  
   - Create a previous project style posting based social type board  
   - or create an old-school type board.(not sure which will be better)  
   - It should able to handle movies and pictures(This is main object of this project)
3. **Lecture** (Read: Admin, Manager, Member. Write: Manager, Admin)  
   - Managers can add Lectures(Text, Picture, and Movies available)  
   - Temporary added 2 teachers(Edward, John) – Each teacher has About, Lecture page
4. **Event** (Read: all, Write: Manager, Admin)  
   - Only Manager can create events and members can choose going / not going(Like the meetup)
5. **Admin** (Auth: Manager, Admin)  
   - Manager and Admin can manage members and events.

**General Functions:**

1. Sign in / out, Sign up
2. User Management

a) Admin

b) Manager

c) Member

1. Role Management Rules  
   a) Admin can access all menus  
   b) Manager can create event  
   c) Member can post an article on Story

**Functions for Menus:**

1. About – Nothing

2. Story

- Social style

- If the user didn’t sign in, it automatically calls sign in page

3. Lecture   
 - Social style. But only authorized members (manager) can post

- Members can read only

4. Event

- Scheduler type or posting type

- Only managers can post

- Members can read only

5. Admin

- Manage Members (ban??)

- Manage logs (report)

6. Sign in / out / up

- Before the user sign in, Sign in button should be appeared

- When the user Sign in, the user’s profile picture, name and Sign out menu should be appeared