**Technologies stack**

**Database**:  
Amazon RDS + MySQL workbench\  
  
**Back-End:**  
Java frameworks -  
1. drop wizard  
2. spring boot  
  
**Front-End:**  
1. Javasript  
2. React  
3. Angular  
4. Node JS  
  
**UI design tools:**  
1. Wireframe  
2. Hand-made  
3. MockFlow  
4. Pencil  
  
**Components**:  
Each API would be a separate component.  
  
High-level Components:  
1. Login/ SignUp  
2. User profile creation  
3. Role Management - User, Admin, Manager  
4. buy membership, extend  
5, Create reservation, cancel reservation  
6. terminate membership  
7. authentication + authorization  
  
**Tasks to be done:**

1. Finalize tech stack - front end, back end, DB and wireframe tools

2. Create components and take ownership of components and core values