**User (Entity)**

1. id (PK)
2. name
3. username
4. emailId
5. contactInfo
6. dateOfBirth
7. gender
8. password
9. <List>friends (FK) (User-User ManyToMany Mapping)
10. <List>posts (FK)

**Post (Entity)**

1. id (PK)
2. date
3. title
4. likes
5. <List>comments (FK)

**Comment (Entity)**

1. id (PK)
2. date
3. content

**APIs**

1. /user
2. /post
3. /friend
4. /login

**HTML CSS Pages**

1. Sign Up Page
2. Sign In Page
3. Dashboard/Home (List of All Posts)
4. Friends (List of all friends)
5. Posts (List of all User posts)
6. Chat (Message a Friend)

**Actions:**

1. Create account
2. User Sign-In
3. Friend Request Send
4. Friend Request Accept
5. Chat
6. Upload Post
7. Add comments, likes
8. Log Out

**Access:**

1. User (based on Email and Password)