**CLOUD SHARE DOCUMENTATION**

1. **Functionalities:**
   1. **Register (Basic and Google OAuth)**
   2. **Login (Basic and Google OAuth)**
   3. **Create collection/folder**
   4. **Upload files(images, pdf, etc) to the collection/folder**
      1. **Upload files via file input**
      2. **Upload files via drag and drop**
   5. **Share invite link of a collection/folder to another user**
   6. **Accept invitation**
   7. **Manage roles while inviting an user**
2. **Entities:**
   1. **User:-**
      1. **\_id**
      2. **name**
      3. **email**
      4. **dp**
      5. **google\_id**
      6. **password**
   2. **Collection:**
      1. **\_id**
      2. **name**
      3. **files: [String (fileUrl or file)]**
      4. **owner (userId)**
      5. **members: [memberId]**
3. **New Things to explore:**
   1. **Use of MaterialUI/HeadlessUI, etc.**
   2. **Implementation of drag and drop for uploading files.**
   3. **Microservices (if possible)**
   4. **Deploy it on aws (if possible for free)**