**Use Case Diagrams**

<https://lucid.app/lucidchart/ec0318f8-ced9-47c4-8b06-e18c7e9aa6e6/edit?viewport_loc=-64%2C2986%2C1336%2C615%2C0_0&invitationId=inv_3780c7d1-20ce-45fc-9a94-82cfe58f6b35>

<https://lucid.app/lucidchart/5c956b15-7196-4e66-903a-9a91141631ba/edit?viewport_loc=-11%2C58%2C1365%2C628%2C0_0&invitationId=inv_e38bda2c-f6ad-4809-8957-a43e71801ad3>

**Class Diagram**

<https://lucid.app/lucidchart/fd65a191-75c6-48d0-a018-c1d89eaf5b0d/edit?viewport_loc=-265%2C1%2C2810%2C1176%2C0_0&invitationId=inv_487a276f-378c-46fb-b07c-41c8ce391abc>