

My DropBox

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COP290: Design Practices

1 Objectives

We have to build an online file management system MyDropBox. A server machine maintains the files of multiple users. The user should use a simple desktop application to login into the system. The content of user's account should remain synced with the server.

2 Overall Design

1. We will begin with creating an offline version of this. We will sync files between folders for different users.
2. Once the local interface is ready, we will take this to the web portal. We will use a server to store data and users will have to send queries to it
3. Once the web portal is ready we will link the offline and online parts.

3 Sub Components

1. GUI interface
2. Data Syncing Part
3. Web Interface

4 Integration amongst Sub Components

5 Testing

1. Offline Testing
2. Online Testing

6 Extra Features