

Test Plan and Report

Decentralized Internet

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User Stories:

1. As a user, I want to be able to instantiate a network between myself and other users without having to rely on a centralized third party through which all of the network's data would pass.
2. As a user, I want to be able to save data to the network and access that data later so that I can use the network for storage.
3. As a user, I want other users in the network to be able to access data that I have written so that I can use the network for sharing data.
4. Make our network store files and provide a UI for these files to be uploaded and downloaded.

System Test Scenarios:

Scenario 1: Instantiate a network.

1. Start the application and create a network
2. Users should see a verification message that the network has been created successfully.

Scenario 2: Save data to the network.

1. Once a network is created, the user selects 'upload data'; user uploads a file to the network.
2. The file uploaded should become visible in the search results.

Scenario 3: Access shared data.

1. User selects a file from the search bar.
2. User should be able to open and read the file content.

Unit Tests:

There is limited testing functionality in the test folder