

Sprint 1 Plan

Team Name: Free Cloud Backups

Product Name: Backup Buddies

Sprint Completion Date: Friday April 28, 2017

Revision: 1.0

Team Members:

- Adam: Product owner
- Kyle: Developer
- Milkhais: Developer
- Stephen: Scrum Master
- Matthew: Scrum Master

SCRUM meetings:

- Monday: 10AM Oakes Learning Center
- Wednesday: 10AM Oakes Learning Center
- Friday: 10AM Oakes Learning Center

Goals:

- Create skeleton application
- Upload and download files to network
- Keep an up to date list of who is in the network

Sprint 1 User Stories (43 SP):

- [13] As a user, I want an easy to use GUI for uploading and downloading files because I am technically challenged.
 - [10 hours] Research GUI for Java [kyle, matt, Adam]
 - [8 hours] Create skeleton GUI [kyle, matt]
- [13] As a user, I want to create and join a network of trusted devices of my choosing, so I can store files on them
 - [6 hours] Research TCP connection [Adam/Milkhais/Stephen]
 - [4 hours] Set up initial connection to peer [Stephen]
 - [4 hours] Protocol to download peer list [Adam/Stephen]
 - [6 hours] Open connections to each peer [Milkhais]
 - [2 hours] Protocol to announce new peer joining, update peer list [Adam/Stephen]
- [5] As a user, I want to be able to list all devices in the network and see their status, so I can choose one to store a file on
 - [6 hours] GUI list [matt]
 - [3 hours] Try opening connection to each peer [Adam/Stephen]
 - [6 hours] Display status indicators in GUI [matt]

- [8] As a user, I want to store and retrieve specific files on other devices, so that if my device fails, the files will not be lost.
 - [3 hours] Add file upload button GUI [kyle]
 - [3 hours] Add file download button to GUI [kyle]
 - [5 hours] Add file status to GUI [kyle]
 - [6 hours] Protocol to transfer files [Adam/Milkhais/Stephen]
- [5] As a user, I want to be notified if storing or retrieving files fails, so I don't count on backups that are invalid.
 - [6 hours] File status (success, fail, in progress) displayed to user through gui [matt, kyle]
 - [2 hours] Transfer failure reporting [Adam]