

Sprint 2 Plan

Team Name: Free Cloud Backups

Product Name: Backup Buddies

Sprint Completion Date: Tuesday Friday May 16, 2017

Revision: 1.0

Team Members:

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

SCRUM meetings:

- Monday: 9:30AM Oakes Learning Center
- Wednesday: 9:30AM Oakes Learning Center
- Friday: 9:30AM Oakes Learning Center

TA meetings:

- Monday: 3:55PM Oakes 101

Goals:

- Add convenient and useful features
- Add security features
- Optimize file and network protocols

Sprint 2 User Stories (59 SP):

- [5] As a user, I want the program to remember my network, so I don't have to type it each time I want to run the program
 - [3 hours] Persistent network (peer list, password, files seen) storage [Stephen]
 - [2 hours] Load them when the program starts [Stephen]
 - [8 hours] Recover the network in case computer crashes [Adam]
- [13] As a user, I want to be able to search for files across devices.
 - [3 hours] Add a search bar with per-letter dynamic listener [matt]
 - [2 hours] Dynamically change file list to account for users query [matt]
 - [6 hours] Rewrite list class for custom functionality [kyle]
 - [8 hours] migrate layout manager for custom aesthetics [matt]
- [5] As a user, my files will be compressed automatically when I upload them so it doesn't waste storage space
 - [3 hours] In-line compression when saving [Milkhais]
 - [3 hours] In-line decompression when retrieving [Milkhais]
- [8] As a user, I can encrypt my files when uploading them so that they can't be stolen
 - [3 hours] In-line encryption when saving [Milkhais]
 - [3 hours] In-line decryption when retrieving [Milkhais]
 - [2 hours] Add GUI password field with store/retrieve methods in interface file [kyle]
- [5] As a user, I want to be able to specify and change how much storage space I am willing to share.
 - [4 hours] Add a GUI slider [kyle]
 - [6 hours] Select backups for deletion [Stephen]
 - Account by number of other copies
 - Check with others before you actually delete it
 - [3 hours] Don't store file that exceeds capacity [Stephen]
- [2] As a user, I want to be able to choose where on my computer backups will be stored.

- [done] File browser [kyle]
- [13] As a user, I can choose which peers I upload files to, so that I don't overload one device
 - [4 hours] Be able to choose multiple peers at one time [matt]
 - [3 hours] Clear all selected peers button [kyle]
 - [4 hours] Change file upload request to include list of peers to connect to [matt]
 - [6 hours] Send it to just those people and keep track of everything [Stephen]
- [8] Display a log of network events to the user
 - [3 hours] Store events asynchronously [Milkhais]
 - [5 hours] Retrieve and display events to user via console [kyle]