**Release and Sprint Plans**

**Team 12**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| n9198865 | James Galloway |
| n9050159 | Lok Sum Lo |
| 08614521 | Benjamin McCloskey |
| n9171622 | Daniel Napper |
| n9153128 | Christian Ruiz Maldonado |
| 08854742 | Thomas Shortt |

Tutor: Malcolm Corney

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Release Plan

# Release 1

Delivery date: September 17th Total Story Points: 100

In this release we plan to implement the must-have functionalities of our Media Vault Service which stores user’s files on the cloud. Users will be able to upload files to their cloud storage, download files from their storage, and delete files from their storage.

## Server setup

This feature includes the setup of our server and environments. These are valuable to our client as without them development of the service won’t happen.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S24 | Setup cloud storage server | 2 |
| S25 | Setup LAMP stack | 2 |
| S27 | Install Github on Server and create directory | 8 |
|  | Story Point Sub-Total: | 12 |

## Basic File Management

Media Vault is a service which stores a user’s files on the cloud. In this feature we provide the core functionalities of Media Vault. This includes uploading files to the server, downloading files from the server onto local storage, and deleting uploaded files from the server.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | Upload function | 16 |
| S04 | Download function | 8 |
| S06 | Delete function | 4 |
|  | Story Point Sub-Total: | 28 |

## Front-end Presentation

The basic web application (front-end) provides the users a platform to access the functionalities of Media Vault, where stored files can be seen and managed.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S26 | Basic front-end web application | 8 |
|  | Story Point Sub-Total: | 8 |

## User Accounts

Allows for users to create accounts that grant them access to the upload function of the Media Vault Service. Login and Logout buttons allow the users with accounts to both login and logout whenever they choose.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Sign up | 16 |
| S23 | Login/logout button | 8 |
|  | Story Point Sub-Total: | 24 |

## Improved File Management

It’s important for users of Media Vault to be able to easily access their files; when they have a large amount of files they will need more ways to manage them. This feature provides more feedback to the user by showing them a navigation bar and remaining space, and give them folders to manage their files.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S08 | Folder creation | 8 |
| S28 | Move files across folders | 4 |
| S07 | File renaming function | 4 |
| S19 | Navigation bar | 4 |
| S15 | View remaining storage space | 8 |
|  | Story Point Sub-Total: | 28 |

# Release 2

Delivery date: October 22nd Total Story Points: 58

The second release aims to complete the remaining should-have stories and partially the could-have stories. It focuses on polishing the user experience to be more streamlined as well as social media sharing. This includes improved accessibility for users to access Media Vault through different platforms and some improved file management functionalities.

## Improved Accessibility

Allows multiplatform access from mobile and tablet devices which makes the cloud files more accessible for users. The sharing function generates a link which allows users to share the file with other people, allowing access for selected people if the user wishes to share a file. The online file preview function eliminates the need of having to download a file to view it, hence providing a more streamline experience for the user.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Cross-device access | 16 |
| S12 | Preview files online | 16 |
|  | Story Point Sub-Total: | 32 |

## Miscellaneous File Functions

This feature contains useful functions for users to find files quickly and share them with friends or business partners.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Search by file name | 8 |
| S16 | File timestamps | 2 |
|  | Story Point Sub-Total: | 10 |

## File Sharing Functions

These features allow users to share files with other people/users via link or posting to social media, so that it eliminates the extra steps to download a file and then upload it or send it to another person in order to share it.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S09 | Share file by link function | 8 |
| S10 | Social media file sharing function | 8 |
|  | Story Point Sub-Total: | 16 |

# Release 3

Delivery date: N/A Total Story Points: 52

## The third release aims to complete the remaining should-have stories and partially the could-have stories. It focuses on polishing the user experience to be more streamlined as well as social media sharing. This includes improved accessibility for users to access Media Vault through different platforms and some improved file management functionalities.

## Easier File Access

These features will improve the user experience and allow users to quickly find or identify a file by adding a quick access panel where the recently viewed and added files are displayed as well as a file description.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S29 | Recent files | 8 |
| S18 | Content identifier description | 4 |
| S21 | File reading bookmark | 8 |
| S31 | File colour tagging | 8 |
|  | Story Point Sub-Total: | 28 |

## Improved Front-end

This feature provides usability by making our service more aesthetically pleasing and consistent across pages.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S17 | Visually appealing web application design | 8 |
| S13 | Consistent login/logout page | 8 |
| S30 | Thumbnails | 8 |
|  | Story Point Sub-Total: | 24 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 Aug. 27 | Week 7 Sep. 3 | Week 8 Sep. 10 | Week 9 Sep. 17 | Week 10 Sep. 24 | Mid-Semester Break | Week 11 Oct. 8 | Week 12 Oct. 15 | Week 13 Oct. 22 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | Sprint 3 | Sprint 4 | |
| Release 1 Sept. 17 | | | | Release 2 Oct. 22 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: undefined

Sprint Plan

# Sprint 1

Total Story Points: 52 Total Hours: 52

## Current Velocity: undefined

## S24: Setup cloud storage server

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup Amazon account and create Amazon EC2 server | 1 | 1 |
| T02 | Connect to server and test connection | 1 | 1 |
|  | Story Points: 2 Total Hours: | 2 | 2 |

## S25: Setup LAMP stack

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T03 | Install Apache, Mysql, PHP | 1 | 1 |
| T04 | Create Database, Link PHP and Apache | 1 | 1 |
|  | Story Points: 2 Total Hours: | 2 | 2 |

## S27: Install Github on server and create directory

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Learning Github environment | 5 | 5 |
| T06 | Install Github | 2 | 2 |
| T07 | Test pushing and pulling, setup any ignores | 1 | 1 |
|  | Story Points: 8 Total Hours: | 8 | 8 |

## S26: Basic front-end web application

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Create storyboard | 1 | 1 |
| T09 | Build wireframe | 1 | 1 |
| T10 | Create website | 2 | 2 |
| T11 | Add website content | 3 | 3 |
| T12 | Deploy on server and test | 1 | 1 |
|  | Story Points: 8 Total Hours: | 8 |  |

## S03 Upload function

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Learn technology required | 8 | 8 |
| T14 | Arrange Directories for storage on server | 1 | 1 |
| T15 | Setup environment needed for implementation | 1 | 1 |
| T16 | Implement upload solution | 4 | 4 |
| T17 | Test solution with different file types | 2 | 2 |
|  | Story Points: 16 Total Hours: | 16 |  |

## S06: Delete function

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T18 | Learning required technology | 4 |  |
| T19 | Implement delete solution | 3 |  |
| T20 | Test solution | 1 |  |
|  | Story Points: 8 Total Hours: | 8 |  |

## S04: Download function

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | Learning required technology | 4 | 2 |
| T22 | Implement download solution | 3 | 3 |
| T23 | Test solution | 1 | 1 |
|  | Story Points: 8 Total Hours: | 8 |  |