Media Vault Project

IFB299 - Semester 1 – 2017

Group 13

2017

Release and Sprint Plans

# Media Vault

|  |  |
| --- | --- |
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# Release Plan

**Release 1**

Delivery Date: Total Story Points: 26

The goal is to provide a rudimentary cloud storage system for a single to small group of users that supports both uploading and downloading of media files. The users will also be able to log into the network from external locations, as well as being able to modify and delete existing files on the server. The user will also be able to preview Media that is on the network.

**Upload/Download**

With these features the user will have media centralised in a single mainframe, so that all files will be housed on a single server. The establishment of the server will then give the user a way to both upload and download media from the server.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 16 | Mainframe |  |  |  | 2 |
| U.S 2 | Upload |  |  |  | 4 |
| U.S 3 | Download |  |  |  | 4 |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **10** |

**Log in**

The user will have the ability to log into the Media Vault using a password system from any external location with a sufficient internet connection.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 9 | Password |  |  |  | 2 |
| U.S 6 | Location |  |  |  | 2 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **4** |

**Preview**

With this update the user will have the ability to preview the media they wish to access to ensure that they will have a streamlined experience when choosing the correct file to open. The user will also be able to quickly scan through items to by refining by file extension.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 11 | Preview |  |  |  | 8 |
| U.S 12 | File types |  |  |  | 4 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **12** |

**Release 2**

Delivery Date: T.B.A Total Story Points :29

**User Specific Features**

This release will see a plethora of user specific updates come into play on the application. User activity will be logged, showing what user has accessed different files and at what time they finished editing on the file. The update will also add user specific files, meaning that only a specific user will be able to access locked files. The final feature will be the display of currently online users in the application.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 8 | User Activity |  |  |  | 2 |
| U.S 13 | User Files |  |  |  | 4 |
| U.S 15 | Currently Online |  |  |  | 4 |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **10** |

**Dynamics and Aesthetics**

With this release a set of user friendly updates will be added, this including three main upgrades. The application itself will have a graphical overhaul, this making it more pleasant for the user over all. The interface will also add the feature of dragging and dropping files into folders, as well as being able to dynamically minimise windows on the application.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 4 | Aesthetics |  |  |  | 4 |
| U.S 10 | Minimize |  |  |  | 2 |
| U.S 14 | Drag + Drop |  |  |  | 8 |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **16** |

**Search and Platform**

This release will show a major streamline in the media vault, bot for access to the network and for searching capabilities. The update will see a new search panel come in, allowing for users to go through their vault and search for keywords of files. The second part will be cross platform integration allowing for the vault to be accessed across a multitude of different operating systems.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **Story Title** |  |  |  | **Story Points** |
| U.S 1 | Search |  |  |  | 1 |
| U.S 5 | Cross Platform |  |  |  | 2 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | Story Point Sub-Total | **3** |

# Sprint plan

**Sprint 1**

Total Story Points: 18 Total Hours: 44

**User Story 16: Mainframe**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
|  |  |  |  |
| Task 1 | Research hosting Source | 2 |  |
| Task 2 | Set up base code | 4 |  |
| Task 3 | Upload and set up on host | 2 |  |
| Story Points: Total Hours: | | 8 |  |

**User Story 2: Upload**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task 4 | Find data heavy uploading host | 1 |  |
| Task 5 | Create uploading for registered accounts | 5 |  |
| Task 6 | Upload notifications and progress bar | 2 |  |
| Task 7 | Set viable upload limit | 1 |  |
| Story Points: Total Hours: | | 9 |  |

**User Story 3: Download**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task 8 | Create list of uploaded files for account | 3 |  |
| Task 9 | Check account is within Upload/Download limit | 1 |  |
| Task 10 | Miniature preview option for downloadable files | 5 |  |
| Task 11 | Quality control on uploaded documents | 5 |  |
| Story Points: Total Hours: | | 14 |  |

**User Story 11: Preview**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task 12 | Find plugin for media streaming | 2 |  |
| Task 13 | Adapt web player for our use | 5 |  |
| Task 14 | Preview setup for several file types | 3 |  |
| Task 15 | Create custom preview window | 3 |  |
| Story Points: Total Hours: | | 13 |  |

**Sprint 2**

Total Story Points: 12 Total Hours:

**User Story 6: Cross Platform**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Story Points: Total Hours: | |  |  |

**User Story 9: User Activity**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Story Points: Total Hours: | |  |  |

**User Story 12: Preview**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task description | Estimate | Taken |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Task |  |  |  |
| Story Points: Total Hours: | |  |  |