**Release and Sprint Plans**

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Release Plan

# Release 1

Delivery date: 29 April 2017 Total Story Points: 20

The focus of this release is to provide a website called “Media Vault”, where a user can register for a personal account, and log in with their personal account. Once the user has logged in, they will be able to upload their personal files to Media Vault, and view these files from any device that can log into Media Vault with the same account.

## Account Functionality

This feature will allow the user to register for an account, log into the Media Vault and edit their personal details. This has significant business value as the user’s personal files should only be viewable to the account that uploaded them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Account Registration | 1 |
| 3 | Media Vault Login | 1 |
| 18 | View/Edit Account Details | 2 |
| 19 | Reset Forgotten Password | 2 |
| 20 | Log Out | 1 |
|  | Story Point Sub-Total: | 7 |

## Viewing, Uploading and Downloading Files

This feature will allow the user to view, upload and download their files to the Media Vault. This feature is significant, it allows the user to store their files so they can be accessed from any device capable of logging into the Media Vault with the account that uploaded them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 4 | View my Files | 2 |
| 5 | Download my File | 1 |
| 6 | Upload my File – File Explore | 2 |
| 6B | Upload my File – Drag and Drop | 2 |
| 7 | Add a Folder | 2 |
| 11 | Delete a File | 4 |
|  | Story Point Sub-Total: | 13 |

# Release 2

Delivery date: 26 May 2017

The goal of this release is to add meta data functionality. The user will be able to add meta data to files that they have uploaded, they will also be given the option to automatically add meta data to a file when they are uploading it. Lastly, the user will be able to search and sort through the files they have uploaded. Files that a user has uploaded can be downloaded to be used when offline. The user will also be able to open a file that they have uploaded

Total Story Points: 14

## Opening an Uploaded File

This feature will allow the user to open a file that they have uploaded. A picture will be viewable, a music file can be listened to and a PDF or eBook can be read. This is vital as not all devices can download files, this way the user can easily access their files.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | Open a PDF File | 1 |
| 8B | Open my eBook File | 1 |
| 9 | Open my Audio File | 1 |
| 10 | Open my Picture File | 1 |
| 10B | Open my Folder | 1 |
|  | Story Point Sub-Total: | 5 |

**Meta Data Functionality**

The user will be provided with different ways to add meta data to their files. This is important as it will assist with searching and sorting through the files.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | Add/Edit Meta Data to Uploaded File | 2 |
| 15 | Manually Add Meta Data when Uploading File | 1 |
| 16 | Automatically Add Meta Data when Uploading File | 2 |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: | 5 |

## Search and Sorting of Files

The user will be able to search and sort their uploaded files by their name, date and meta data values. This is important as it allows the user to have easier access to their files.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 13 | Search a File | 1 |
| 17 | Sort Files by Meta Data | 1 |
| 17B | Sort Files by Name | 1 |
| 17C | Sort Files by Date | 1 |
|  | Story Point Sub-Total: | 4 |

# Release 3

Delivery date: Total Story Points:

Short paragraph summarising the goals for this release.

## Feature Title 1

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: |  |

## Feature Title 2

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: |  |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | | Sprint 4 | |
| Release 1 | | | | Release 2 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: 8.5

Sprint Plan

# Sprint 1

Total Story Points: 9 Total Hours: 50

## Current Velocity: 5.55

## Story 1 : Account Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | **Add a Register account button to the Home Page** | **1** |  |
| T02 | Create a page for the user to make a username and enter their email and password | **1** |  |
| T03 | **Code to make sure that the account details have not already been taken** | **2** |  |
| T04 | **Code that sends out an email verification** | **2** |  |
| T05 | **Code to register the user’s details into the SQL tables** | **1** |  |
| T06 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 1** | **Total hours: 8** |  |

## Story 3 : Media Vault Login

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | **Create a home page for Media Vault with a login section** | **1** |  |
| T08 | Code to match up the details that the user has entered in with the accounts on the SQL tables | **1** |  |
| T09 | **Create an error message if the user has entered in the wrong details** | **1** |  |
| T10 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 1** | **Total hours: 4** |  |

## Story 4 : View my Files

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | **Create a landing page for when the user successfully logs in** | **1** |  |
| T12 | **Create a grid to show the user’s files** | **1** |  |
| T13 | **Create code that retrieves the user’s file name, dates, filetype and meta data** | **8** |  |
| T14 | **Create code that dynamically display’s the file details on the grid** | **4** |  |
| T15 | **Create user tests – Especially to make sure that all the user’s files are displayed and only theirs** | **1** |  |
| T16 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 2** | **Total hours: 16** |  |

## Story 5 : Download my File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T17 | **Add code that dynamically adds a download button to every file displayed** | **1** |  |
| T18 | **Add code to the download button so that it downloads the file when clicked** | **2** |  |
| T19 | **Create user tests – make sure that the right file is downloaded** | **1** |  |
| T20 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## Story 6 : Upload a file – file explorer

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | **Add a button on the page that opens a file explorer** | **1** |  |
| T22 | **Edit the button so that only one file can be uploaded** | **1** |  |
| T23 | **Add code to upload the file to our file server, along with the correct details (name, file type, etc)** | **4** |  |
| T24 | **Create user tests – make sure that the right file is downloaded** | **1** |  |
| T25 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 1** | **Total hours: 8** |  |

## Story 6B : Upload a file – Drag and Drop

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | **Add css to the file view so that you can drag and drop files** | **1** |  |
| T27 | **Add code that fetches all the files dragged and dropped** | **2** |  |
| T28 | **Send the files that were uploaded to the files server** | **4** |  |
| T29 | **Create user tests – make sure that the right file is downloaded** | **1** |  |
| T30 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 2** | **Total hours: 9** |  |

# Sprint 2

Total Story Points: 8 Total Hours: 37

## Current Velocity: 4.625

## Story 18 : View/Edit Account Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T31 | **Create a page that shows and allows the user to view and edit their account details** | **1** |  |
| T32 | **Write test cases** | **1** |  |
| T33 | **Code to retrieve user account details and display** | **2** |  |
| T34 | **Code to allow users to edit their account details** | **2** |  |
| T35 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 7** |  |

## Story 19 : Reset Forgotten Password

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T36 | **Create a page that allows users to reset forgotten passwords** | **1** |  |
| T37 | **Write test cases** | **1** |  |
| T38 | **Code to send emails to the email address the user signed up with** | **4** |  |
| T39 | **Verify the authorisation and reset the password** | **3** |  |
| T40 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 2** | **Total hours: 10** |  |

## Story 20 : Log Out

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T41 | **Create logout button** | **1** |  |
| T42 | **Create a function for the button, that allows the user to log out (or automatically time out)** | **1** |  |
| T43 | **Write test cases** | **1** |  |
| T44 | **Code to time out the user** | **2** |  |
| T45 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 6** |  |

## Story 7 : Add folder

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T46 | **Add a button that say’s “Add Folder”** | **1** |  |
| T47 | **Add code to the button for it to create a folder on the filer server** | **2** |  |
| T48 | **Add code to display folders that are on the file server onto the grid** | **1** |  |
| T49 | **Create user tests** | **1** |  |
| T50 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 2** | **Total hours: 6** |  |

## Story 11 : Delete File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T51 | **Dynamically add a “Delete” button next to every file that is uploaded** | **1** |  |
| T52 | **Code an “Are you Sure?” window to appear once clicking the delete button, “Yes/No”** | **1** |  |
| T53 | **If the user has clicked yes, code it so that the file server will delete the file** | **2** |  |
| T54 | **If the user clicked yes, the file will need to be removed from the SQL table containing all file information** | **2** |  |
| T55 | **Code the grid to refresh and update with the new files** | **1** |  |
| T56 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points: 2** | **Total hours: 8** |  |

# Sprint 3

Total Story Points: 9 Total Hours: 44

## Current Velocity: 4.88

## Story 8 : Open my PDF File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T57 | **Write code that automatically turns all file names that are PDFs into a hyperlink to their respective files** | **1** |  |
| T58 | **Code the link to open that PDF in a new tab, in the browser’s PDF reader** | **2** |  |
| T59 | **Write test cases** | **1** |  |
| T60 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## Story 8B : Open my eBook File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T61 | **Write code that automatically turns eBook file names into a hyperlink** | **1** |  |
| T62 | **Write code to that hyperlink so that it can open the PDF in the web browser PDF reader in a new tab** | **2** |  |
| T63 | **Write test cases** | **1** |  |
| T64 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## Story 9 : Open my Audio File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T65 | **Write code that automatically turns Audio file names into a hyperlink to a media player** | **1** |  |
| T66 | **Write code to that hyperlink so that the audio player will know to play the clicked link** | **2** |  |
| T67 | **Write test cases** | **1** |  |
| T68 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## Story 10 : Open my Picture File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T69 | **Write code that automatically turns Picture file names into a hyperlink to the photo, which will open in a pop out window that can be closed** | **1** |  |
| T70 | **Write test cases** | **1** |  |
| T71 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 3** |  |

## Story 10B : Open my Picture File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T72 | **Write code that automatically turns Folder’s into hyperlinks that opens the folder and displays it’s contents in the file explorer** | **4** |  |
| T73 | **Write test cases** | **1** |  |
| T74 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 6** |  |

## Story 10B : Open my Picture File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T75 | **Write code that automatically turns Folder’s into hyperlinks that opens the folder and displays it’s contents in the file explorer** | **4** |  |
| T76 | **Write test cases** | **1** |  |
| T77 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 6** |  |

## Story 14 : Add/Edit Meta Data to Uploaded File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T78 | **Write code that dynamically adds a button saying “Info”** | **1** |  |
| T79 | **Write code for the button so that it can open up a text box for the user to type meta data into** | **1** |  |
| T80 | **Write code that for a submit button for the meta data text box** | **1** |  |
| T81 | **Write code that sends the meta data to the SQL table that holds the meta data info for that file** | **2** |  |
| T82 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 2** | **Total hours: 6** |  |

## Story 16 : Manually Add Meta Data when Uploading files

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T83 | **Ad a textbox for the user to input for the name of the meta data, when uploading a file** | **1** |  |
| T84 | **Write test cases** | **2** |  |
| T85 | **Code to add meta data to the files** | **4** |  |
| T86 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 8** |  |

# Sprint 4

Total Story Points: 6 Total Hours: 32

## Current Velocity: 5.33

## Story 13: Search a File

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T87 | Add a search text box | 1 |  |
| T88 | Add code to retrieve what was in search bar | 1 |  |
| T89 | Create a function to search through the database | 1 |  |
| T90 | Add code that updates the view of files with the SQL search results | 2 |  |
| T91 | Write test cases | 1 |  |
|  | Story Points: 1 Total Hours: | 6 |  |

## Story 16B : Automatically Add Meta Data when Uploading files

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T92 | **Add a checkbox option to automatically add meta data when uploading a file** | **3** |  |
| T93 | **Write test cases** | **2** |  |
| T94 | **Code to add meta data to the files** | **4** |  |
| T95 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 2** | **Total hours: 11** |  |

## Story 17 : Sort Files – By Meta Data

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T96 | **Code to retrieve meta data** | **1** |  |
| T97 | **Add a function that sorts files by meta data** | **1** |  |
| T98 | **Update the view of files with the sorted list** | **1** |  |
| T99 | **Write test cases** | **1** |  |
| T100 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## Story 17B : Sort Files – By Name

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T101 | **Code to retrieve names** | **1** |  |
| T102 | **Add a function that sorts files by name** | **1** |  |
| T103 | **Update the view of files with the sorted list** | **1** |  |
| T104 | **Write test cases** | **1** |  |
| T105 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |

## 

## Story 17C : Sort Files – By Date

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T106 | **Code to retrieve the date added** | **1** |  |
| T107 | **Add a function that sorts files by the date added** | **1** |  |
| T108 | **Update the view of files with the sorted list** | **1** |  |
| T109 | **Write test cases** | **1** |  |
| T110 | **Verify story is complete (acceptance test)** | **1** |  |
|  | **Story points : 1** | **Total hours: 5** |  |