**Release and Sprint Plans**

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|  |  |
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**Table of Contents**

Release Plan 4

Release 1 4

User account management 4

Media file management 4

Media file transfer 5

User interface 5

Release 2 6

Advanced account management 6

User experience 6

Advanced user interface 6

Release 3 7

User feedback 7

Advanced user interface 7

Advanced functions 7

Release 4 8

Additional function 8

Personal media vault display DIY 8

Delivery Schedule 8

Estimated Velocity 8

Sprint Plan 9

Sprint 1 9

Current Velocity 9

Story ID: FOUTWO-1 Browse the media vault on laptop 9

Story ID: FOUTWO-4 Create user accounts for logging in 9

Story ID: FOUTWO-37 The normalization of username and password 9

Story ID: FOUTWO-6 Log out from media vault 10

Story ID: FOUTWO-9 Create folder 10

Story ID: FOUTWO-10 Rename item and folder 10

Story ID: FOUTWO-14 Title and description on uploads 10

Story ID: FOUTWO-17 Upload media – Photos, Videos, Music, Ebook 11

Story ID: FOUTWO-18 Download media 11

Story ID: FOUTWO-30 Show detailed media information 11

Release Plan

# Release 1

Delivery date: 22 Sep 2015 Total Story Points: 67

Ensure that users can use some basic functions including: use account and email to login and logout and associated functions; upload, download and delete media files; Sort and search media files. Users will be able to use media vault smoothly.

## User Account management

User can login and log out the vault using the created account as well as verified email address. Furthermore, user can also refind the lost user name and password via verified email.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-4 | Create user accounts for logging in | 4 |
| FOUTWO-37 | The normalization of username and password | 8 |
| FOUTWO-5 | Login with verified email address | 4 |
| FOUTWO-6 | Log out from media vault | 1 |
| FOUTWO-7 | Find user name and password | 2 |
|  | Story Point Sub-Total: | 19 |

## Media file management

User can manage media file including, title and description; folder; sort and search media

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-14 | Title and description on uploads | 1 |
| FOUTWO-9 | Create folder | 2 |
| FOUTWO-10 | Rename item and folder | 1 |
| FOUTWO-12 | Sort media | 8 |
| FOUTWO-13 | Search media | 8 |
|  | Story Point Sub-Total: | 20 |

## Media file transfer

User can upload, download and delete media files. In the meantime, use can drop media items into recycle bin before delete them completely, so that user can restore items.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-17 | Upload media - Photos, Videos, Music, Ebook | 4 |
| FOUTWO-18 | Download media | 8 |
| FOUTWO-24 | Drop media items and folders in recycle bin | 4 |
| FOUTWO-25 | Delete media files and folders | 1 |
|  | Story Point Sub-Total: | 17 |

## User Interface

The fundamental user interface is published for user to browse briefly.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-1 | Browse the media vault on laptop | 8 |
| FOUTWO-21 | Calculate storage capability | 4 |
| FOUTWO-30 | Show detailed media information | 4 |
|  | Story Point Sub-Total: | 16 |

# Release 2

Delivery date: 27 Oct 2015 Total Story Points: 65

Provide more functions for users to use media vault more conveniently. More functions about user account, such as personal profile, modify password. User can experience the media more flexibly. More humanized functions are provided.

## Advanced Account management

Users can manage their account via more aspects, such as personal profile, modify password.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-39 | Account Setting | 4 |
| FOUTWO-8 | Modify password | 1 |
| FOUTWO-33 | Upload the head photo | 2 |
|  | Story Point Sub-Total: | 7 |

## User Experience

Users can experience advanced and more flexible operations by using these user-oriented functions.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-22 | Help request | 4 |
| FOUTWO-3 | Mark as favourite | 2 |
| FOUTWO-11 | Drag and drop media to vault | 8 |
| FOUTWO-19 | Media playback in browser | 16 |
| FOUTWO-35 | Enable domain name access | 2 |
|  | Story Point Sub-Total: | 34 |

## Advanced User Interface

Users can experience advanced and more flexible operations by using these user-oriented functions.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-2 | Browse the media vault on mobile phone | 8 |
| FOUTWO-31 | View media vault in list model | 8 |
| FOUTWO-32 | View media vault in grid model | 8 |
| FOUTWO-23 | Tooltip | 2 |
|  | Story Point Sub-Total: | 26 |

# Release 3

Delivery date: 24 Nov 2015 Total Story Points: 61

User can contact with system administrator. Also system administrator can publish Q & A in website, so that this way can improve the interaction. Users are able to experience more user-oriented functions and can share their media items to others.

## User feedback

The media vault provides a method to interact with users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-26 | Contact us and feedback | 1 |
| FOUTWO-38 | Questions and Answers | 2 |
|  | Story Point Sub-Total: | 3 |

## Advanced user interface

User will use media vault more conveniently

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-34 | External access (WAN) | 8 |
| FOUTWO-43 | Beautiful interface | 2 |
|  | Story Point Sub-Total: | 10 |

## Advanced functions

Users are able to make their own media vault bigger and more powerful. Users can also share their media items to others.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-15 | Share media files | 8 |
| FOUTWO-16 | Save shared media files from others | 8 |
| FOUTWO-27 | Recently documents | 16 |
| FOUTWO-20 | Redemption for storage expansion | 16 |
|  | Story Point Sub-Total: | 48 |

# Release 4

Delivery date: 22 Dec 2015 Total Story Points: 60

In the last release, the media vault will not only store information in database. It will store some information in local computer. Furthermore, second password will improve the security. Display DIY will make media vault more personalized.

## Additional function

These functions make media vault more powerful and secure.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-42 | Language Translation | 16 |
| FOUTWO-36 | Password Cache | 8 |
| FOUTWO-40 | Set up second password for file or folder | 4 |
|  | Story Point Sub-Total: | 28 |

## Personal media vault display DIY

Media vault display DIY can help change background color and music, which makes the media vault more personalized.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| FOUTWO-28 | Change background color of interface | 16 |
| FOUTWO-29 | Set background music of interface | 16 |
|  | Story Point Sub-Total: | 32 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 Sep. 1 | Week 7 Sep. 8 | Week 8 Sep. 15 | Week 9 Sep. 22 | Week 10 Sep. 29 | Mid-Semester Break | Week 11 Oct. 13 | Week 12 Oct. 20 | Week 13 Oct. 27 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | Sprint 3 | Sprint 4 | |
| Release 1 Sept. 22 | | | | Release 2 Oct. 27 | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14  Nov. 3 | Week 15 Nov. 10 | Week 16 Nov. 17 | Week 17 Nov. 24 | Week 18 Dec. 1 | Week 19 Dec. 8 | Week 20 Dec. 15 | Week 21 Dec. 22 | |
| Sprint 5 | | Sprint 6 | | Sprint 7 | | Sprint 8 | | |
| Release 3 Nov. 24 | | | | Release 4 Dec. 22 | | | |

## Estimated Velocity: 32

Sprint Plan

# Sprint 1

Total Story Points: 33 Total Hours: 80

## Current Velocity: undefined

## Story ID: FOUTWO-1 Browse the media vault on laptop

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design the user interface design sketch using Word document | 3 |  |
| T02 | Build the webpage development environment | 3 |  |
| T03 | Use PHP/HTML5/CSS to deliver the design sketch to web browser | 8 |  |
| T04 | Put the button and textbox along with function into web page | 8 |  |
| T05 | Verify story is complete (acceptance test) | 3 |  |
|  | Story Points: 8 Total Hours: | 25 |  |

## Story ID: FOUTWO-4 Create user accounts for logging in

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Create database tables using mySQL | 1 |  |
| T07 | Write test cases | 1 |  |
| T08 | Create user login webpage using PHP/HTML5/CSS | 3 |  |
| T09 | Link database and webpage | 1 |  |
| T10 | Write code to realize functions provided in acceptance criteria | 4 |  |
| T11 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 11 |  |

## Story ID: FOUTWO-37 The normalization of username and password

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Provide a webpage UI for normalizing the username and password | 4 |  |
| T13 | Write test cases | 2 |  |
| T14 | Wrote code to create function to normalize the username and password | 5 |  |
| T15 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 8 Total Hours: | 13 |  |

## Story ID: FOUTWO-6 Log out from media vault

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Create logout webpage | 0.5 |  |
| T17 | Write test cases | 0.5 |  |
| T18 | Write code to release logout function | 0.5 |  |
| T19 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 1 Total Hours: | 2 |  |

## Story ID: FOUTWO-9 Create folder

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T20 | Create buttons to create folder | 0.5 |  |
| T21 | Write test cases | 1 |  |
| T22 | Link database and webpage | 0.5 |  |
| T23 | Write code to release functions provided in acceptance criteria | 4 |  |
| T24 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story ID: FOUTWO-10 Rename item and folder

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Create a rename function | 0.5 |  |
| T26 | Write test cases | 0.5 |  |
| T27 | Write code to release function for renaming | 0.5 |  |
| T28 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 1 Total Hours: | 2 |  |

## Story ID: FOUTWO-14 Title and description on uploads

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T29 | Provide a section for writing title and description | 0.5 |  |
| T30 | Write test cases | 0.5 |  |
| T31 | Link database and webpage | 0.5 |  |
| T32 | Write code to release functions provided in acceptance criteria | 1 |  |
| T33 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 1 Total Hours: | 3 |  |

## Story ID: FOUTWO-17 Upload media – Photos, Videos, Music, Ebook

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T34 | Provide a section uploading media | 1 |  |
| T35 | Write test cases | 0.5 |  |
| T36 | Link database and webpage | 0.5 |  |
| T37 | Write code to release functions for uploading | 1.5 |  |
| T38 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story ID: FOUTWO-18 Download media

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T39 | Provide a section downloading media | 1.5 |  |
| T40 | Write test cases | 0.5 |  |
| T41 | Write code to release functions for downloading | 1.5 |  |
| T42 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story ID: FOUTWO-30 Show detailed media information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T43 | Create webpage UI to show detailed media information | 4 |  |
| T44 | Write test cases | 1 |  |
| T45 | Write code to release functions provided in acceptance criteria | 3 |  |
| T46 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 9 |  |