**Release and Sprint Plans**

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|  |  |
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Release Plan

# Release 1

Delivery date: 22 Sep 2015 Total Story Points: 69

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-7** | Find lost password | 4 |
| **FOUTWO-5** | Verify email address | 4 |
| **FOUTWO-6** | Log out from media vault | 1 |
|  | Story Point Sub-Total: | 13 |

## Media file management

User can manage media file including, title and description,search media

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **FOUTWO-13** | Search media | 8 |
|  | Story Point Sub-Total: | 8 |

## 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 | 2 |
| **FOUTWO-18** | Download media | 2 |
| **FOUTWO-25** | Delete media files | 4 |
|  | Story Point Sub-Total: | 8 |

## User Experience

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

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **FOUTWO-19** | Media playback in browser | 16 |
| **FOUTWO-2** | Browse media vault on mobile phone | 8 |
| **FOUTWO-23** | Tooltip | 2 |
| **FOUTWO-34** | External Internet access | 8 |
| **FOUTWO-35** | Enable domain name access | 2 |
| **FOUTWO-30** | Show detailed media information | 4 |
|  | Story Point Sub-Total: | 40 |

# Release 2

Delivery date: 27 Oct 2015 Total Story Points:64

Provide more functions for users to use media vault more conveniently. More functions about user account, such as personal profile, modify password. User can contact with system administrator. Also system administrator can publish Q & A in website, so that this way can improve the interaction. 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-9** | Login with verified email address | 4 |
| **FOUTWO-37** | Normalize username and password | 8 |
| **FOUTWO-8** | Modify password | 1 |
| **FOUTWO-33** | Upload the head photo | 2 |
|  | Story Point Sub-Total: | 19 |

## 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-38** | Questions and Answers | 2 |
| **FOUTWO-26** | Contact us and feedback | 1 |
| **FOUTWO-21** | Calculate storage capability | 4 |
|  | Story Point Sub-Total: | 11 |

## Advanced Media file management

User can manage media file including recycle bin, sorting media and so on.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **FOUTWO-15** | Share media files | 8 |
| **FOUTWO-24** | Drop media items and folders in recycle bin | 8 |
| **FOUTWO-12** | Sort media | 8 |
|  | Story Point Sub-Total: | 24 |

## Advanced User Interface

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

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **FOUTWO-43** | Beautiful interface | 2 |
| **FOUTWO-32** | View media vault in grid model | 8 |
|  | Story Point Sub-Total: | 10 |

# Release 3

Delivery date: 24 Nov 2015 Total Story Points: 48

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.

## 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-36** | Password Cache | 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: 52

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-40** | Set up second password for file or folder | 4 |
|  | Story Point Sub-Total: | 20 |

## 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: 25 Total Hours: 54

## Current Velocity: undefined

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Create database tables for users using MySQL | 1 | 2 |
| **T02** | Write test cases | 1 | 1 |
| **T03** | Create login webpage using PHP/HTML5/CSS | 3 | 3 |
| **T04** | Connected to database | 1 | 4 |
| **T05** | Write code to realize functions provided in acceptance criteria | 4 | 3 |
| **T06** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 11 | 14 |

## Story ID: FOUTWO-7 Find lost password

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T07** | Create html page UI for user to find lost password | 3 | 4 |
| **T08** | Write test cases | 2 | 1 |
| **T09** | Connected to database | 1 | 2 |
| **T10** | Wrote code to create function to find lost password | 4 | 6 |
| **T11** | Verify story is complete (acceptance test) | 2 | 1 |
|  | Story Points: 4 Total Hours: | 12 | 14 |

## Story ID: FOUTWO-5 Verify email address

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T12** | Create verify email address | 1 | 1 |
| **T13** | Write test cases | 0.5 | 0.5 |
| **T14** | Write code to release verifying function | 2 | 2.5 |
| **T15** | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 4 Total Hours: | 4 | 4.5 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T16** | Create logout webpage | 0.5 | 1 |
| **T17** | Write test cases | 0.5 | 0.5 |
| **T18** | Write code to release logout function | 0.5 | 1 |
| **T19** | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 1 Total Hours: | 2 | 3 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T20** | Create a database table for media | 0.5 | 3 |
| **T21** | Provide a section uploading media | 1 | 1 |
| **T22** | Write test cases | 0.5 | 1 |
| **T23** | Connected to database | 1 | 4 |
| **T24** | Write code to release functions for uploading | 1.5 | 6 |
| **T25** | Verify story is complete (acceptance test) | 0.5 | 1 |
|  | Story Points: 2 Total Hours: | 5 | 12 |

## Story ID: FOUTWO-18 Download media

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T26** | Provide a section downloading media | 1.5 | 3 |
| **T27** | Write test cases | 0.5 | 1 |
| **T28** | Connected to database | 1 | 3 |
| **T29** | Write code to release functions for downloading | 1.5 | 4 |
| **T30** | Verify story is complete (acceptance test) | 0.5 | 1 |
|  | Story Points: 2 Total Hours: | 5 | 12 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T31** | Create webpage UI to show detailed media information | 4 | 2 |
| **T32** | Write test cases | 1 | 1 |
| **T33** | Connected to database | 1 | 2 |
| **T34** | Write code to release functions provided in acceptance criteria | 3 | 4 |
| **T35** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 10 | 10 |

## Story ID: FOUTWO-25 Delete media files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T36** | Create buttons to delete | 0.5 | 1 |
| **T37** | Write test cases | 1 | 1 |
| **T38** | Connected to database | 0.5 | 1 |
| **T39** | Write code to release functions provided in acceptance criteria | 2 | 2 |
| **T40** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 5 | 6 |

# Sprint 2

Total Story Points: 44 Total Hours: 49

## Current Velocity: undefined

## Story ID: FOUTWO-23 Tooltip

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Write test cases | 1 | 1 |
| **T02** | Create tooltip function | 1 | 2 |
| **T03** | Write code to realize functions provided in acceptance criteria | 2 | 2 |
| **T04** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 5 | 6 |

## Story ID: FOUTWO-2 Browse media vault on mobile phone

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T05** | Create mobile phone UI | 4 | 4 |
| **T06** | Write test cases | 1 | 1 |
| **T07** | Wrote code to realize the functions provided in acceptance criteria | 7 | 6 |
| **T08** | Verify story is complete (acceptance test) | 2 | 1 |
|  | Story Points: 8 Total Hours: | 14 | 14 |

## Story ID: FOUTWO-19 Media playback in browser

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T09** | Create functions for all four media (PDF, music, photo, video) | 3 | 4 |
| **T10** | Write test cases | 2 | 3 |
| **T11** | Write code to release media playback | 6 | 4 |
| **T12** | Verify story is complete (acceptance test) | 2 | 4 |
|  | Story Points: 16 Total Hours: | 11 | 15 |

## Story ID: FOUTWO-13 Search media

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T13** | Create webpage UI of search function | 1 | 2 |
| **T14** | Write test cases | 1 | 1 |
| **T15** | Connected to database | 2 | 3 |
| **T16** | Write code to release functions provided in acceptance criteria | 4 | 5 |
| **T17** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 9 | 12 |

## Story ID: FOUTWO-35 Enable domain name access

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Apply for domain name | 1 | 1 |
| **T19** | Write test cases | 0.5 | 0.5 |
| **T20** | Connect localhost address with domain name | 1 | 2 |
| **T21** | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 2 Total Hours: | 3 | 4 |

## Story ID: FOUTWO-34 External Internet access

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T22** | Set up associated devices | 0.5 | 1 |
| **T23** | Write test cases | 0.5 | 0.5 |
| **T24** | Set configuration file | 4 | 5 |
| **T25** | Test function | 1 | 1 |
| **T26** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 7 | 7.5 |

# Sprint 3

Total Story Points: 21 Total Hours: 43

## Current Velocity: undefined

## Story ID: FOUTWO-8 Modify password

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Write test cases | 1 | 1 |
| **T02** | Create modify function | 1 | 2 |
| **T03** | Write code to realize functions provided in acceptance criteria | 2 | 2 |
| **T04** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 1 Total Hours: | 5 | 6 |

## Story ID: FOUTWO-9 Login with verified email address

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T05** | Write test cases | 1 | 1 |
| **T06** | Create email address login function | 3 | 3 |
| **T07** | Wrote code to realize the functions provided in acceptance criteria | 4 | 3 |
| **T08** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 9 | 8 |

## Story ID: FOUTWO-12 Sort media

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T09** | Create functions for all four media (PDF, music, photo, video) | 3 | 4 |
| **T10** | Write test cases | 2 | 2 |
| **T11** | Write code to release sorting media | 8 | 8 |
| **T12** | Verify story is complete (acceptance test) | 2 | 4 |
|  | Story Points: 8 Total Hours: | 15 | 18 |

## Story ID: FOUTWO-24 Drop media items in recycle bin

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T13** | Create webpage UI of recycle bin function | 4 | 4 |
| **T14** | Write test cases | 1 | 1 |
| **T15** | Connected to database | 2 | 3 |
| **T16** | Write code to release functions provided in acceptance criteria | 6 | 5 |
| **T17** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 14 | 14 |

## Story ID: FOUTWO-21 Calculate storage capability

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of calculating storage capability function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 7 | 7 |

# Sprint 4

Total Story Points: 45 Total Hours: 72

## Current Velocity: undefined

## Story ID: FOUTWO-21 Calculate storage capability

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of calculating storage capability function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 7 | 7 |

## Story ID: FOUTWO-22 Help request

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of help request function | 2 | 2 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Write user instruction word document | 2 | 2 |
| **T21** | Write code to release functions provided in acceptance criteria | 2 | 2 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 8 | 8 |

## Story ID: FOUTWO-37 Normalize username and password

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of normalizing username and password function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 7 | 7 |

## Story ID: FOUTWO-15 Share media files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of sharing media files function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 7 | 7 |

## Story ID: FOUTWO-26 Contact us and feedback

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of contact us and feedback function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 1 | 1 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 1 Total Hours: | 4 | 4 |

## Story ID: FOUTWO-33 Upload user head photo

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of uploading user head photo function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 7 | 7 |

## Story ID: FOUTWO-32 View media vault in grid model

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of viewing media in grid model function | 1 | 1 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 5 | 5 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 9 | 9 |

## Story ID: FOUTWO-38 Questions and Answers

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of questions and answers function | 2 | 2 |
| **T19** | Write test cases | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 2 | 2 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 6 | 6 |

## Story ID: FOUTWO-39 Account setting

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of account setting function | 2 | 2 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 8 | 8 |

## Story ID: FOUTWO-43 Beautiful interface

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Create webpage UI of beautiful interface function | 3 | 3 |
| **T19** | Write test cases | 1 | 1 |
| **T20** | Connected to database | 1 | 1 |
| **T21** | Write code to release functions provided in acceptance criteria | 3 | 3 |
| **T22** | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 9 | 9 |