**Release and Iteration Plans**

**Team Name**

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| --- | --- |
| Student Number | Team Member Name |
| N6372112 | Ian Calligeros |
| N7208707 | Nick Hibberd |
|  |  |
|  |  |
|  |  |

Tutor: Jinglan Zhang

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Release Plan

# Release 1

15th September 2011 Total Story Points

Release One pertains to achieving ‘basic’ functionality for the File Vault web application. At the release the client will have a working version of the web application that they themselves and their clients can begin using.

This release adds value to the Client’s business as it incorporates the most essential features that were detailed by the client during the product specification period. The basic goals of this release are to setup a web application that is usable by the client and provides the basic functionality of uploading, downloading and some streaming capability.

Through the achievement of these goals the essential framework of the goals a great platform has been setup for the continued development and implementation of the remaining functionality whilst also allowing the client to add immediate value to their business with a working web application to use.

## File Vault User Interface and Upload Functionality

This feature will allow the user to access the File Vault from their Mozilla FireFox version 5.0 web browser. Upload functionality will also be setup to allow the upload of files of any type (executable, video, audio, text and image) to the File Vault. This feature will result in basic functionality of the File Vault adding immediate business value.

|  |  |  |  |
| --- | --- | --- | --- |
| StoryID | Story Title | Story Points | Ideal Days |
| 1 | Access File Vault from PC | 3 | 0.75 |
| 2 | Single File Upload | 4 | 1 |
| 3 | Upload Image | 8 | 2 |
| 4 | Upload Text | 8 | 2 |
| 5 | Upload Video | 8 | 2 |
|  |  | Story Point Sub-Total: 31 | Ideal Days Sub-Total: ~8 |

## Upload, Download, Delete and Streaming Functionality

This feature will implement further upload functionality to the File Vaultas well as allowing users to download files from the File Vault, delete files from the File Vault and stream audio files.These features add further business value with the additional functionality aimed to satisfy the customer’s requirements.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | Story Points | Ideal Days |
| 6 | Upload Audio | 8 | 2 |
| 7 | Upload File of unidentified type | 4 | 1 |
| 8 | Single File Download | 4 | 1 |
| 9 | Delete Single File | 8 | 2 |
| 11 | Streaming Audio | 8 | 2 |
|  |  | Story Point Sub-Total: 32 | Ideal Days Sub-Total: 8 |

# Release 2

October 20th 2011 Total Story Points

Release Two pertains to achieving implementing the remainder of the must have functionality such as live streaming, searching and user accounts for the File Vault. At the release the client will have a fully realized File Vault web application that they can begin managing their client’s using the account managing facilities.

This release adds value to the Client’s business as it finishes incorporating the customer’s must have features.Business value is added through the finalization of the streaming functionality components, searching functionality to allow easily navigation of the File Vault library and account management for management of the customer’s clients.

## Finalized Streaming and Search Functionality

This feature will finish the implementation of the streaming component of the File Vault’s functionality as well as enabling the user to easily find files in the File Vault library with the search feature.This feature adds business value through the completion of the streaming functionality and navigation benefits to the application.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | Story Points | Ideal Days |
| 10 | Streaming Video | 12 | 3 |
| 12 | Viewing Image | 4 | 1 |
| 13 | Viewing Text | 8 | 2 |
| 17 | Searching for File by Name | 4 | 1 |
|  |  | Story Points Sub-Total: 32 | Ideal Days Sub-Total: 8 |

## Account Management

The Account Management feature is the final stage of the essential feature implementation ultimately enabling the File Vault to manage multiple user accounts. This feature adds the greatest amount of business value as it enabled the customer to manage users.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | Story Points | Ideal Days |
| 14 | Add User Account | 8 | 2 |
| 15 | Remove User Account | 8 | 2 |
| 16 | Edit User Account Details | 8 | 2 |
|  |  | Story Points Sub-Total: 20 | Ideal Days Sub-Total: 5 |

# Release 3

Undefined (Out of initial project scope) Total Story Points

This release is not a compulsory undertaking as it is outside the scope of the project and is comprised of ‘desired’ features that should the scope permit or the customer decide to order further development can be undertaken.

The release covers a wide variety of functional enhancements as well as some new features. The majority are minor improvements that will not take much time but at the same time do not as add as much business value as earlier release goals.

This release is not included in the delivery schedule.

## Various Functionality

This feature contains a wide variety of improvements for the File Vault ranging from small user interface improvements to new functionality.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | Story Points | Ideal Days |
| 18 | Set Files for Public Viewing | 2 | 0.5 |
| 19 | Search through a File’s Attributes | 2 | 0.5 |
| 19 | Rename a File | 8 | 2 |
| 20 | Access File Vault from Mobile Device | 8 | 2 |
| 21 | Text File Identifier Image | 1 | 0.25 |
| 22 | Image File Identifier Image | 1 | 0.25 |
| 23 | Video File Identifier Image | 1 | 0.25 |
| 24 | Audio File Identifier Image | 1 | 0.25 |
| 25 | Unidentified File Identifier Image | 1 | 0.25 |
| 26 | Add Description to File | 1 | 0.25 |
| 27 | Edit Description of File | 2 | 0.5 |
| 28 | Add Rating | 1 | 0.25 |
| 29 | Searching By Date Uploaded | 1 | 0.25 |
| 30 | Searching By Artist (Any files with this parameter) | 1 | 0.25 |
| 31 | Searching By File Type | 1 | 0.25 |
|  |  | Story Points Sub-Total: 32 | Ideal Days Sub-Total: 8 |

## Various Functionality

This feature contains a wide variety of improvements for the File Vault ranging from small user interface improvements to new functionality.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | Story Points | Ideal Days |
| 32 | Recently Viewed List | 1 | 0.25 |
| 33 | # of times a File has been accessed | 1 | 0.25 |
| 34 | Add Custom Fields | 2 | 0.5 |
| 35 | Streamed Before Indicator | 1 | 0.25 |
| 36 | Downloaded Before Indicator | 1 | 0.25 |
| 37 | Image File Thumbnail | 4 | 1 |
| 38 | Audio File Thumbnail | 12 | 3 |
| 39 | Video File Thumbnail | 12 | 3 |
| 40 | Text File Thumbnail | 12 | 3 |
| 41 | Preview Text for Text Files | 12 | 3 |
| 42 | Preview Video Files (5 Stills) | 12 | 3 |
| 43 | Preview Audio Files (5 Second Sample) | 12 | 3 |
| 44 | Multiple File Upload | 2 | 0.5 |
| 45 | Multiple File Download | 2 | 0.5 |
| 46 | Multiple File Delete | 2 | 0.5 |
| 47 | Player Shared Media | 2 | 0.5 |
|  |  | Story Points Sub-Total: 86 | Ideal Days Sub-Total: 21.5 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 5  Aug. 25 | Week 6  Sept. 1 | Week 7  Sept. 8 | Week 8  Sept. 15 | Week 9  Sept. 22 | Break | Week 10  Oct. 6 | Week 11  Oct. 13 | Week 12  Oct. 20 |
| Iteration 1 | | Iteration 2 | | Iteration 3 | | | Iteration 4 | |
| Release 1  Sept. 15 | | | | Release 2  Oct. 20 | | | | |

## Estimated Velocity: 31 Story points (62 hours)

Iteration Plan

# Iteration 1

Total Story Points: 31

## Current Velocity: 31 Story points (62 hours)

## ID# 1: Access File Vault from PC

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Setup Google Web Application | 30mins |  |
| 02 | Design File Vault UI in Photoshop | 30mins |  |
| 03 | Setup Server for File Vault | 1hour |  |
| 04 | Create HTML file and integrate Jquery library to Web App standards | 30mins |  |
| 05 | Write HTML code to create the designed File Vault UI | 1hour |  |
| 06 | Write JavaScript code for interactivity framework (buttons) | 30mins |  |
| 07 | Upload the HTML file to Google Web Application | 30mins |  |
| 08 | Test server communication between UI and Server | 1hour |  |
|  | Story Points: 3 Total Hours: | ~6 |  |

## ID# 2: Single File Upload

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Write JS button code for UI to open File Explorer | 1hour |  |
| 02 | Research how the server will accept a local file for upload | 1hour |  |
| 03 | Server accepts a local file address for File to be uploaded | 2hour |  |
| 04 | Server uses local file address to upload file from the user’s computer | 3hour |  |
| 05 | Research how the File Vault handles files and how they will be stored | 1hour |  |
| 06 | Server stores the uploaded file in the File Vault | 2hour |  |
| 07 | Research how to poll the servlet and get a response | 0.5hour |  |
| 08 | UI polls the server for updated library list for File Vault | 2.5hour |  |
| 09 | Research how the UI will update in connection with the File Vault | 1hour |  |
| 10 | UI updates the File Vault to show the newly added file | 2hour |  |
|  | Story Points: 8 Total Hours: | 16 |  |

## ID# 3: Upload Image

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Server accepts a local file address for image file to be uploaded | 1hour |  |
| 02 | Research how the server will accept a local image file for upload | 1hour |  |
| 03 | Server uses local image file’s address to upload file from the user’s computer | 2hour |  |
| 04 | Research various file types for images (.png, .targa, .gif, .jpeg etc) | 1hour |  |
| 05 | Compare these file types against usable plug-ins and create a list of various plug-ins | 1hour |  |
| 06 | Test getting the file extension from the uploaded file | 1hour |  |
| 07 | Server stores the uploaded file with extra parameter defining it as an image file | 3hour |  |
| 08 | Research how to poll the servlet and get a response | 0.5hour |  |
| 09 | UI polls the server for updated library list for File Vault | 2.5hour |  |
| 10 | Research how the UI will update in connection with the File Vault | 1hour |  |
| 11 | UI updates the File Vault to show the newly added image file | 2hour |  |
|  | Story Points: 8 Total Hours: | 16 |  |

## ID# 4: Upload Text

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Server accepts a local file address for Text file to be uploaded | 1hour |  |
| 02 | Research how the server will accept a local text file for upload | 1hour |  |
| 03 | Server uses local file address to upload file from the user’s computer | 2hour |  |
| 04 | Research various file types for text documents (.txt, .doc, .docx, .pdfetc) | 1hour |  |
| 05 | Compare these file types against usable plug-ins and create a list of various plug-ins | 1hour |  |
| 06 | Test getting the file extension from the uploaded file | 1hour |  |
| 07 | Server stores the uploaded file with extra parameter defining it as an text file | 3hour |  |
| 08 | Research how to poll the servlet and get a response | 0.5hour |  |
| 09 | UI polls the server for updated library list for File Vault | 2.5hour |  |
| 10 | Research how the UI will update in connection with the File Vault | 1hour |  |
| 11 | UI updates the File Vault to show the newly added text file | 2hour |  |
|  | Story Points: 8 Total Hours: | 16 |  |

## ID# 5: Upload Video

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Server accepts a local video file address for video file to be uploaded | 1hour |  |
| 02 | Research how the server will accept a local video file for upload | 1hour |  |
| 03 | Server uses local video file address to upload file from the user’s computer | 2hour |  |
| 04 | Research various file types for videos (.avi, .mpeg, .wmv, .mp4etc) | 1hour |  |
| 05 | Compare these file types against usable plug-ins and create a list of various plug-ins | 1hour |  |
| 06 | Test getting the file extension from the uploaded file | 1hour |  |
| 07 | Server stores the uploaded file with extra parameter defining it as an video file | 3hour |  |
| 08 | Research how to poll the servlet and get a response | 0.5hour |  |
| 09 | UI polls the server for updated library list for File Vault | 2.5hour |  |
| 10 | Research how the UI will update in connection with the File Vault | 1hour |  |
| 11 | UI updates the File Vault to show the newly added video file | 2hour |  |
|  | Story Points: 8 Total Hours: | 16 |  |