**Release and Sprint Plans**

**Team Number 73 - Media Lynx**

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Release Plan

# Release 1

Delivery date: 18 September 2015 Total Story Points: **17**

Begin working on user stories that are prioritised as ‘Must Have’. Provide our client with proof that we have a working technology stack and that the main features of our web application are functional, including uploading and streaming files.

## Back-end Functionality

Ensure that we are capturing the correct user and system data, create a working server which will host our application and have a consistent design across the application.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 30 | Database modelling | 2 |
| 9 | Universal availability | 1 |
| 29 | Design elements | 1 |
|  | Story Point Sub-Total: | **4** |

## File Streaming

# Provide users the ability to store their files on our application and be able to retrieve them at a later date.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | Removing media | 1 |
| 15 | Upload any media type | 4 |
| 21 | Download stored files | 2 |
| 16 | Recently viewed files | 2 |
| 24 | Redundant files | 1 |
| 22 | Stream files | 3 |
|  | Story Point Sub-Total: | 13 |

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# Release 2

Delivery date: 23 October 2015 Total Story Points: **17**

Continue working on user stories that are prioritised as ‘Must Have’. Provide our client with the ability to create an account and manage their library, such as storing and sorting their files on our application.

## User Account Control

Capture and verify user data required to access our application, provide users the ability to log in/out of the application and the ability to reset their passwords’ if forgotten.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Registration | 2 |
| 2 | Email confirmation | 1 |
| 3 | Login page | 2 |
| 13 | Logout | 1 |
| 17 | Reset password | 2 |
| 27 | User help page | 1 |
|  | Story Point Sub-Total: | **9** |

## Library Management

System to automatically gather synopsis data for uploaded media e.g. date published, genre, duration etc. using the IMBD API. Provide users the ability to view and edit the synopsis data, allow the user to sort their files based on the synopsis data and curate playlists.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | Sorting media | 2 |
| 7 | Making playlists | 2 |
| 12 | Media synopsis | 3 |
| 25 | Storage capacity | 1 |
|  | Story Point Sub-Total: | **8** |

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# Release 3

Delivery date: TBA with Client Total Story Points: **16**

Continue working on user stories that are prioritised as ‘Must Have’. Provide users the ability to search for their files, provide a sense of persistence for the user when they playback files and finalise the UI that will be used on release.

## Search Functionality

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | Searching | 2 |
| 18 | Search history | 1 |
| 20 | Delete search history | 1 |
| 4 | Navigating media files (UI) | 4 |
|  | Story Point Sub-Total: | **8** |

## Playback Functionality

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Persistent Playback | 2 |
| 26 | Parallel media playback | 4 |
| 28 | Touch friendly | 2 |
|  | Story Point Sub-Total: | **8** |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 Aug. 28 | Week 7 Sep. 4 | Week 8 Sep. 11 | Week 9 Sep. 18 | Week 10 Sep. 25 | Mid-Semester Break | Week 11 Oct. 9 | Week 12 Oct. 16 | Week 13 Oct. 23 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | Sprint 3 | Sprint 4 | |
| Release 1 Sept. 17 | | | | Release 2 Oct. 22 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3 | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points: Total Hours:

## Current Velocity:

# Sprint 1 - 8, 9, 15 ,16 , 21, 22, 24, 29, 30

## SEVTHR-8: Removing objects

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Display a remove button on the media vault page |  |  |
| **T02** | Write code to remove the selected media from the database |  |  |
| **T03** | Write code to remove the image of the selected media on the media vault display |  |  |
| **T04** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 1 Total Hours: 48 |  |  |

## SEVTHR-9: Universal Availability

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T05** | Write code to make the system web-based (SaaS) |  |  |
| **T06** | Write code to enable user to access his/her account at any location |  |  |
| **T07** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 1 Total Hours: 48 |  |  |

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## SEVTHR-15: Upload Any Media Type

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T08** | Display an upload button on the media vault page |  |  |
| **T09** | Write code to enable users to browse through his/her file |  |  |
| **T10** | Write code to store the uploaded media on the database |  |  |
| **T11** | Write code to add the image of the uploaded media on the media vault display |  |  |
| **T12** | Create a box for users to insert the title of the media |  |  |
| **T13** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 4 Total Hours: 528 |  |  |

## SEVTHR-16: Recently Viewed Files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T14** | Write code to temporarily store the recently viewed media |  |  |
| **T15** | Write code to know which file has the most recent access time |  |  |
| **T16** | Write code to retrieve the information the part where the user recently accessed the media |  |  |
| **T17** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 2 Total Hours: 96 |  |  |

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## SEVTHR-21: Download Stored Files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T18** | Display a download button on the media vault page |  |  |
| **T19** | Write code to obtain the chosen file from database |  |  |
| **T20** | Write code to enable the downloaded file to be stored at user’s local storage |  |  |
| **T21** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 2 Total Hours: 96 |  |  |

## SEVTHR-22: Streaming Media Files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T22** | Write code to make sure that the user’s device could facilitate network streaming |  |  |
| **T23** | Write code to notify user if his/her device could not facilitate network streaming |  |  |
| **T24** | Write code to facilitate network streaming on user’s device |  |  |
| **T25** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 3 Total Hours: 240 |  |  |

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## SEVTHR-24: Redundant Files

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T26** | Write code to detect any similarities between an uploaded file with a stored file in database |  |  |
| **T27** | Write code to notify user that a similar file already exists |  |  |
| **T28** | Write code to give options on replacing or stopping the uploading process of the file |  |  |
| **T29** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 1 Total Hours: 48 |  |  |

## SEVTHR-29: Design Elements

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T43** | Design logo |  |  |
| **T44** | Design colour scheme |  |  |
| **T45** | Design layout |  |  |
| **T46** | Design site map |  |  |
| **T47** | Design buttons |  |  |
| **T48** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 1 Total Hours: 48 |  |  |

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## SEVTHR-30: Database Modelling

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| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T49** | Write code on SQL to physically design the database |  |  |
| **T50** | Design a database for storing all data |  |  |
| **T51** | Design entity-relationship model |  |  |
| **T51** | Design a relational schema |  |  |
| **T52** | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 2 Total Hours: 96 |  |  |

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