**Release and Sprint Plans**

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|  |  |
| --- | --- |
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Version: 1.0

Date: 23/8/15

**Table of Contents**

[Release Plan](#h.gjdgxs)

[Release 1](#h.30j0zll)

[Sprint 1 - Account & User Information](#h.1fob9te)

[Sprint 2 - Preliminary Job Flow](#_Sprint_2_-)

[Release 2](#h.2et92p0)

[Sprint 3 - Language and Account Support](#_Sprint_3_-)

[Sprint 4 - Rostering](#_Sprint_4_-)

[Release 3](#h.1t3h5sf)

[Feature Title 1](#h.4d34og8)

[Feature Title 2](#h.2s8eyo1)

[Delivery Schedule](#h.17dp8vu)

[Estimated Velocity:](#h.3rdcrjn)

[Sprint Plan](#h.26in1rg)

[Sprint 1](#h.lnxbz9)

[Current Velocity:](#h.35nkun2)

[Story ID: Title](#h.1ksv4uv)

[Story ID: Title](#h.44sinio)

[Story ID: Title](#h.2jxsxqh)

Release Plan

# Release 1

Delivery date: 23 September 2015 Total Story Points: 26

This release allows both migrants and volunteer users to create and manage their own accounts online. In this version, both users will be able to start the jobs according to their types (either migrants or volunteer). For example, migrants can lodge jobs which will notify the volunteer by changing his job status/notification and after volunteer’s action on the job, migrants will also be updated.

## Sprint 1 - Account & User Information

Different account types will setup with their own access control. Contact information for volunteers will also be collected and implemented into a database solution.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 17 | Migrant Online Account Creation | 4 |
| 22 | Migrant Contact information | 2 |
| 19 | Volunteer Online Account Creation | 2 |
| 5 | Volunteer Contact Information | 2 |
| 21 | Secured Login to Customized Home Page | 4 |
|  | Story Point Sub-Total: | 14 |

## 

## Sprint 2 - Preliminary Job Flow

Both users can start their work to initiate the job-flow. Migrants can also look for volunteer information. This will allow the system to start to function in a limited capacity as it will have the ability to lodge jobs.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 12 | Migrants View List of Volunteers with Contact Information | 2 |
| 15 | Migrant Lodge Jobs | 4 |
| 10 | Volunteer Job status change | 1 |
| 4 | Volunteer Open new Job | 4 |
| 13 | Migrant status request | 1 |
|  | Story Point Sub-Total: | 12 |

# Release 2

Delivery date: 21 October 2015 Total Story Points: 34

The main goal of release 2 is to add some features to the site to help both user types get things done quicker. This release is also focused on accessibility to users by providing language support. Account history will be accessible which will help keep track of previous jobs that may not have been completed to the required standard.

## Sprint 3 - Language and Account Support

Multi Language support will be added as well as functions to support the user account history. This will help the communication between the organisation and the clients and will ensure better outcomes for all parties.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | Migrant Lodge Request in multi-language requests | 2 |
| 16 | Migrant Account history | 8 |
| 18 | Migrant feedback on provider | 8 |
| 8 | Volunteer Templates | 4 |
|  | Story Point Sub-Total: | 22 |

## Sprint 4 - Rostering

Ability to view and change rosters will be added as well as a request system for volunteers to request roster changes. This will allow easier communication between management and staff and ensure the centre is staffed at all times.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 2 | Manager View Roster | 2 |
| 3 | Manager roster change | 4 |
| 6 | Volunteer roster view | 2 |
| 20 | Volunteer request roster change | 4 |
|  | Story Point Sub-Total: | 12 |

# Release 3

Delivery date: 18November 2015 Total Story Points: 20

The main goals of this release is to add the functionality of viewing old documents reducing the need for the business to hold onto paper records. It is also focused on optimising the system for dealing with requests more efficiently.

## Sprint 5 – Request and document management

The features that will be delivered will be the ability to view all unactioned requests in the system including ways in which to narrow down and manage this data. We will also implement access to online document archive to save costs on storage of old documents.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Volunteer view all unactioned requests | 8 |
| 9 | Volunteer access old documents | 4 |
|  | Story Point Sub-Total: | 12 |

## Sprint 6 – Volunteer Tasks Screen

This release focuses on a personalised task screen for each volunteer. Each volunteer will see a summary of tasks that they have been assigned for the day and be able to interact with this information directly from the one screen. This will improve the efficiency of volunteers to be able to get more work done.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Volunteer Daily Tasks | 8 |
|  |  |  |
|  | Story Point Sub-Total: | 8 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 Aug. 27 | Week 7 Sep. 3 | Week 8 Sep. 10 | Week 9 Sep. 17 | Week 10 Sep. 24 | Mid-Semester Break | Week 11 Oct. 8 | Week 12 Oct. 15 | Week 13 Oct. 22 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | Sprint 3 | Sprint 4 | |
| Release 1 Sept. 17 | | | | Release 2 Oct. 22 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points: 15 Total Hours: 95

## Current Velocity: *undefined*

## Story 17: Online Account Creation for Migrant Users

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 23 | Create a signup web page with interactive and user-friendly graphical user interface (GUI) | 6 |  |
| 25 | Design and create mysql database schema (i.e. relational table) to store migrants account information | 6 |  |
| 26 | Write python code to validate and handle the user inputs and store those in the database to complete sign up. | 8 |  |
| 27 | Test and verify the account creation is complete (e.g. successful login, data stored in database with desired form) | 4 |  |
|  | Story Points: 4 Total Hours: | 24 |  |

## Story 22: Migrant contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 28 | Create web GUI to collect migrant’s contact information | 3 |  |
| 29 | Design and create database table with necessary foreign key references | 3 |  |
| 30 | Write backend code to collect, handle invalid inputs and stores valid inputs to the database. | 3 |  |
| 31 | Test all changes made to ensure correct functionality. | 4 |  |
|  | Story Points: 1 Total Hours: | 13 |  |

## Story 19: Online Account Creation for Volunteer Users

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 32 | Create user-friendly signup web page for volunteer | 6 |  |
| 33 | Design and create mysql database schema (i.e. relational table) to store volunteer account information | 3 |  |
| 34 | Write python code to validate and handle the user inputs and store those in the database to complete sign up | 3 |  |
| 35 | Test and verify the account creation is complete | 4 |  |
|  | Story Points: 4 Total Hours: | 16 |  |

## Story 5: Volunteer contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 36 | Create web GUI to collect volunteer’s contact information | 6 |  |
| 37 | Design and create database table with required foreign key references | 3 |  |
| 38 | Write backend code to collect, handle invalid inputs and stores valid inputs to the database. | 3 |  |
| 39 | Populate tables with test data | 2 |  |
| 40 | Test the updated information in the data base | 4 |  |
|  | Story Points: 1 Total Hours: | 18 |  |

## Story 21: Secured Login to Customized Home Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 41 | Create a professional login page which will accept inputs of username, password and user type from the user | 4 |  |
| 42 | Write code to check with the database and redirects to homepage if login was success otherwise shows error message | 3 |  |
| 43 | Create a user rights table in the database which will list the valid access for all types of users | 2 |  |
| 44 | Write code for a python function to provide customised homepage with only valid access after successful login. | 3 |  |
| 45 | Implement encryption (store hashes and salts in database) | 8 |  |
| 46 | Test the secure login functionality | 4 |  |
|  | Story Points: 4 Total Hours: | 24 |  |