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Release and Sprint Plan

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# Release Plan

## Release 1

Delivery Date: 19th September 2016 | Total Story Points: 21

The goals for this release are to develop the main functions of the web application, shipping management portal and the operation’s management portal. After this release is complete customers will be able to book new packages and manage their shipments. Business management will also be able to manage customers, pickups and shipments. Release 1 will focus on completing only high and moderate priority user stories, forming the backbone for the development of the lower priority tasks.

### **Shipping Management Portal (S-MP) Main Features**

The Shipping Management Portal supports a suite of features that are critical to the business’s capability to run operations smoothly. This portal gives users the capability to record packages, create the necessary documentation and track their progress to delivery. Creating a modern website will enhance revenue for the business as it both improves the efficiency of the business as a whole and increases the business’ visibility.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 8 | Booking New Packages | 3 |
| 9 | Senders and Receivers Tracking Packages | 1 |
| 10 | Printing Consignment Notes | 1 |
| 11 | Estimate Cost Of Shipping | 2 |
| 12 | Print Tax Invoice | 2 |
| 14 | Store Personal Details | 3 |
| **Story Points Sub-Total:** | | **12** |

### **Operations Management Portal (O-MP)**

The Operations Management Portal is the suite of features dedicated to assisting and improving upon organisational management. Such features enable the coordinator of the business to organise contacts, record the status of deliveries and payment as well as coordinate drivers. This functionality will allow for better coordination, improving both its’ efficiency and reliability.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 1 | Manage a List of Contacts | 2 |
| 4 | Record Shipment Status | 2 |
| 5 | Checking Payment Status | 2 |
| 18 | Assign Drivers to Deliveries | 3 |
| **Story Points Sub-Total:** | | **9** |

## Release 2

Delivery Date: 24th October 2016 | Total Story Points: 23

The goals for Release Two are to complete the management systems for the owner and the drivers. The owner will use the system to track expenses and other basic features that will improve the efficiency of the business. Whereas, the driver will use the system to assist him/herself in the pickup or delivery of packages. The final goal of this release is to complete the low priority tasks of the shipping management portal (front-end), to improve the customer's experience.

### **Owner Management Portal (OW-MP)**

The Owner Management Portal is a suite of features that allows the owner to organise their business. This gives the owner access to functions such as tracking expenses and the efficiency of drivers. There are also a number of features targeted at drivers and customers, such as the ability to place a phone order and also for the drivers to receive notifications from their co-ordinator.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 19 | Track Expenses and Wages - Matt | 3 |
| 20 | Add a Pickup Request (phone order) - Reeve | 3 |
| 16 | Coordinator Notifications - Sam | 2 |
| 17 | Emergency Notifications - Sam | 2 |
| 2 | Track Delivery Priority - Hayden | 2 |
| 3 | Efficiency of Drivers - Veronica | 2 |
| **Story Points Sub-Total:** | | **14** |

### **Driver Management Portal (D-MP)**

The Driver Management Portal is a suite of features that will allow the courier drivers to manage and organise their work to improve their efficiency in pickup up and delivering packages. This Portal contains a system to allow drivers to record when they start and when they end their shifts. I will enable them to see a summary of the deliveries and pickups they must complete that day and will allow them to see detailed information about individual packages.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 21 | Shift Management -- Hayden | 2 |
| 6 | Daily Summary of Deliveries -- Sam | 2 |
| 7 | See Individual Delivery Details -- Reeve | 2 |
| **Story Points Sub-Total:** | | **6** |

### **Shipping Management Portal (S-MP) Additional Features**

The Shipping Management Portal’s additional features are a selection of low priority features that will be added to the Shipping Management Portal. These features include the ability access tracking details on items mid-shipment and also give customers to order shipping supplies they will regularly need. These inclusions will give value to regular customers enabling a streamlined ordering system so that they will never run out of supplies. Additionally, will give users the ability to track incoming shipments without logging in.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 22 | Accessing Tracking Details | 2 |
| 13 | Order Shipping Supplies NO MORE | 1 |
| **Story Points Sub-Total:** | | **3** |

# Sprint Plan / Project Backlog

## Sprint 1

Total Story Points: 12 | Total Hours: 58 | Current Velocity: *16.66*

Story 08: Booking New Packages

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T001 | Create a home page (customers view of website) | 2 | 1.5 |
| T002 | Write test cases | 2 | 1 |
| T003 | Create login system for customers (connects to database) | 3 | 3 |
| T004 | Create profile / shipping management page | 2 | 1 |
| T005 | Create table in the database to store pickup requests | 0.5 | 0.5 |
| T006 | Create book shipment form | 1.5 | 1 |
| T007 | Write code to connect and submit to the database (pickup request table) | 1 | 1 |
| T008 | Create page to show all pending shipments | 1.5 | 1 |
| T009 | Verify story is complete (acceptance criteria test) | 1 | 1 |
| **Story Points: 3 Total Hours:** | | **14.5** | **11** |

Story 09: Senders and Receivers Tracking Packages

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T010 | Create a tracking page (customers view of website)   * Note: this involves creating a tracking form - user enters tracking number | 1 | 1 |
| T011 | Write test cases | 2 | 1.5 |
| T012 | Connecting to the database and selecting the unique tracking number. | 1 | 1 |
| T013 | Create page outputting the results of the tracking number in a visually appealing tabular format. | 2 | 3 |
| T014 | Verify story is complete (acceptance criteria test) | 1 | 1 |
| **Story Points: 1 Total Hours:** | | **7** | **7.5** |

Story 10: Printing Consignment Notes

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T015 | Create the pdf template for the consignment note. | 1.5 | 2 |
| T016 | Write test cases. | 1 | .5 |
| T017 | Connect to database and select relevant information for the consignment note. | 1 | 1 |
| T018 | Generate a printable copy of the consignment note. | 2 | 1 |
| T019 | Write code to save the consignment note to the database | 2 | 1 |
| T020 | Verify story is complete (acceptance criteria test) | 1 | 1 |
| **Story Points: 1 Total Hours:** | | **8.5** | **6.5** |

Story 11: Estimate Cost of Shipping

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T021 | Create the estimate shipping webpage. | 1 | 1 |
| T022 | Write test cases. | 1 | 1 |
| T023 | Write code (formula) to calculate the shipping cost based off the information given in the form. | 2 | 2.5 |
| T024 | Create page to output the results of the calculation | 0.5 | 0.5 |
| T025 | Verify story is complete (acceptance criteria test). | 2 | 1.5 |
| **Story Points: 2 Total Hours:** | | **6.5** | **6.5** |

Story 12: Printing Tax Invoice

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T026 | Create the pdf template for the tax invoice. | 1.5 | 2 |
| T027 | Write test cases. | 1 | .5 |
| T028 | Connect to database and select relevant information for the tax invoice. | 1 | 1 |
| T029 | Generate a printable copy of the tax invoice. | 2 | N/A |
| T030 | Write code to email a pdf copy of the invoice. | 2 | 2 |
| T031 | Write code to save the tax invoice to the database | 2 | 0.5 |
| T032 | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: 2 Total Hours:** | | **10.5** | **7** |

Story 14: Store Personal Details

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T033 | Create registration page (where users registers).   * Includes writing html code for the registration form. | 1.5 | 2 |
| T034 | Write test cases. | 2 | 1 |
| T035 | Write code to submit the registration information to the database | 2 | 1.5 |
| T036 | Create a personal profile page and write code to retrieve user details from the database. | 2 | 1 |
| T037 | Write code to retrieve the user information from the database and output it to the “make a booking” page. | 2.5 | 2.5 |
| T038 | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: 3 Total Hours:** | | **11** | **9** |

## Sprint 2

Total Story Points: XX | Total Hours: XX | Current Velocity: *undefined*

Story 1: Manage a List of Contacts

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T039 | Create dashboard portal for employees | 3 | 2 |
| T040 | Write test cases. | 2 | 0.5 |
| T041 | Create page within the dashboard for displaying a list of contacts. | 2 | 1 |
| T042 | Create customers table within the database to store their details. | 0.5 | 0.5 |
| T043 | Write code to connect to the database and output the results in a list. | 1 | 1 |
| T044 | Use plugin to create pagination for data | 1 | 0.5 |
| T045 | Create page within the dashboard for displaying all the data related to a single customer (individual customer page). | 2 | 1.5 |
| T046 | Verify story is complete (acceptance criteria test). | 1 | 0.5 |
| **Story Points: X Total Hours:** | | **10.5** | **7** |

Story 4: Record Shipment Statuses

Note: This is only for manually updating the shipment statuses or viewing all shipments.

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T047 | Create page within the dashboard for displaying a list of shipments - with pagination plugin.   * Add a button to update status of shipment | 2 | 2 |
| T048 | Write test cases. | 2 | 1 |
| T049 | Write code to connect to the database and output the shipment results in a list. | 0.5 | 0.5 |
| T050 | Create a page within the dashboard for displaying all the data related to a single shipment (individual shipment page)   * Add a button to update status of shipment | 2 | 2 |
| T051 | Create a page within the dashboard to give the user the option to update the status. | 1 | 1 |
| T052 | Write code to modify the shipment status in the database | 0.5 | 1 |
| T053 | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **9** | **8.5** |

Story 5: Checking Payment Statuses

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T054 | Create page within the dashboard for displaying a list of payments - with pagination plugin. | 2 | 1.5 |
| T055 | Write test cases. | 1 | .5 |
| T056 | Write code to connect to the database and output the payment results in a list. | 0.5 | .5 |
| T057 | Create a page within the dashboard to give the user the option to update the status of the payment. | 1 | 1 |
| T058 | Write code to modify the payment status in the database | 0.5 | 1 |
| T059 | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **6** | **5.5** |

Story 18: Assign Drivers to Deliveries

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T060 | Create page within the dashboard for displaying a list of all pending pickups and package drop offs - with pagination plugin (table sorted by postcode). | 2 | 0.5 |
| T061 | Write test cases. | 1 | 0.5 |
| T062 | Create a page to assign certain deliveries or pickups to a single driver. | 2 | 6 |
| T063 | Write code to modify the shipment data in the database to reflect the employee’s id. | 0.5 | 0.5 |
| T064 | Write code to send an automatic notification to the driver that they have been assigned pickups or deliveries. | 1 | 0.5 |
| **Story Points: X Total Hours:** | | **6.5** | **8** |

## Sprint 3

Total Story Points: XX | Total Hours: XX | Current Velocity: *undefined*

Story 19: Track Expenses and Wages

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T065 | Write test cases. | 1 | 1 |
| T066 | Create expenses page where the coordinator can view all expenses. | 1.5 | 1.5 |
| T067 | Create a table within the database which stores expenses | 0.5 | 0.5 |
| T068 | Create a php connection on the expenses page to output all of the expenses within the expenses table. | 0.5 | 1 |
| T069 | Create a page with a form where the coordinator can add expenses incurred by employees. | 1 | 0.5 |
| T070 | Create a page that submits data that is entered into the form to the database, which redirects back to the expenses page. | 1 | 1 |
| T071 | Verify story is complete (acceptance criteria test). | 0.5 | 0.5 |
| **Story Points: X Total Hours:** | | **6** | **6** |

Story 20: Add a Pickup Request (phone order)

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T072 | Create page within the dashboard with forms for a pickup request. | 2 | 2 |
| T073 | Create table in the database and write code to connect and store the information entered into the form. | 2 | 1.5 |
| T074 | Create page to display a list of existing requests | 1.5 | 1 |
| T075 | Write test cases. | 1 | 0.5 |
| T076 | Verify story is complete (acceptance criteria test). | 1 | 0.5 |
| **Story Points: X Total Hours:** | | **7.5** | **5.5** |

Story 16: Coordinator Notifications

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Create a page within the Coordinator Dashboard to allow the Coordinator to send notifications. | 3 | 1.5 |
| T | Create a script capable of taking data submitted by the notification creator page and sending it to all receivers. | 1.5 | 1 |
| T | Write Test Cases | 1 | 1 |
| T | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **6.5** | **4.5** |

Story 17: Emergency Notifications

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Create a page within the Coordinator Dashboard to allow the Coordinator to send emergency notifications. | 3 | 1.5 |
| T | Create a script capable of taking data submitted by the notification creator page and sending it to all receivers. | 1.5 | 1 |
| T | Write Test Cases | 1 | 1 |
| T | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **6.5** | **4.5** |

Story 2: Track Delivery Priority

Removed

Story 3: Efficiency of Drivers

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Write tracking page where coordinator can track the packages | 3 | 3 |
|  | Write test cases | 1 | 1 |
| T | Include the pages in the sidebar | 0.5 | 0.5 |
| T | Write the driver journey page where the driver can notify the start and end time of their journey | 3 | 4 |
| T | Create the buttons for start and end time | 0.5 | 1 |
| T | Create a table within the database for the start and end button of the driver's journey | 1 | 1 |
| T | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **10** | **11.,5** |

## Sprint 4

Total Story Points: XX | Total Hours: XX | Current Velocity: *undefined*

Story 21: Shift Management

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Create a page for drivers to check what shift they are rostered on for the following two weeks | 1 | 1 |
| T | Have driver page autofill based on login credentials | - | - |
| T | Create a page for the coordinator to view the shifts for all of the employees | 1 | .5 |
| T | Allow the coordinator to change the shifts of the drivers. | 2 | 2.5 |
| **Story Points: X Total Hours:** | | **4** | **4** |

Story 6: Daily Summary of Deliveries

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Create a page where drivers are able to view all deliveries filtered by day and ordered by delivery time. | 4 | 3 |
| T | Modify the database to store the additional data needed for this page. | 0.5 | 1 |
| T | Incorporate page into driver dashboard. | 0.5 | 0.5 |
| T | Write test cases. | 0.5 | 0.5 |
| T | Verify story is complete (acceptance criteria test). | 0.5 | 0.5 |
| **Story Points: X Total Hours:** | | **6** | **5.5** |

Story 7: See Individual Delivery Details

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| T | Create an overview page to view a list of deliveries | 0.5 | 0.5 |
| T | Write test cases. | 0.5 | 0.5 |
| T | Create a link to the database that retrieves the assigned deliveries. | 0.5 | 0.5 |
|  | Create a table to outputs the retrieved data. | 1 | 1 |
| T | Verify story is complete (acceptance criteria test). | 0.5 | 0.5 |
| T | Refine the work done on the contacts list and page done in sprint 2. | 1 | 1 |
| T | Finish the manual bookings page for the coordinator in sprint 3 | 2 | 1.5 |
| **Story Points: X Total Hours:** | | **6** | **5.5** |

Story 22: Accessing Tracking Details

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
|  | Add a table module on the dashboard to display saved tracking number. | 0.5 | 0.5 |
|  | Create a connection to the database that pulls saved tracking numbers | 0.5 | 0.5 |
|  | Write code to output the retrieved tracking numbers. | 1 | 0.5 |
|  | Verify story is complete (acceptance criteria test). | 1 | 1 |
| **Story Points: X Total Hours:** | | **3** | **2.5** |

Story 13: Order Shipping Supplies

After consultation with the clients we decided to remove this story from the current development process and replace it with the below story.

Story 23: Scanning Connote Numbers and Modifying Shipment Status

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
|  | Creating page within the driver dashboard that the driver can type in the connote number and get results back. | 1 | 1 |
|  | Write test cases. | 1 | 1 |
|  | Create a link to the database that retrieves all details about the package based off the connote number. | 1 | 1 |
|  | Implement a way for the driver to update the packages status in the database. | 2 | 1.5 |
|  | Verify story is complete (acceptance criteria test). | 0.5 | 0.5 |
| **Story Points: X Total Hours:** | | **5.5** | **5** |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** | **Week 13** |
| **Sprint 1** | | **Sprint 2** | | **Sprint 3** | | **Sprint 4** | |
| **Release 1** | | | | **Release 2** | | | |