**Release and Sprint Plans**

**Team Number 12**

|  |  |
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Version: 1

Date: 26 – 8 - 16

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Release Plan

# Release 1

Delivery date: 23/09/16 Total Story Points: 49

Features that encapsulate the core functionality of the website. Completion of this release will provide a website that can operate with very basic functionality.

## Customer Orders Form:

Customers will be able to make delivery orders through a web page, as well as create an account

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | Order Confirmation (Customer) | 3 |
| 14 | Order Online (Customer) | 5 |
| 15 | Multiple Orders (Customer) | 3 |
| 11 | Customer ID (Customer) | 5 |
| 3 | Delivery Estimation (Customer) | 2 |
|  | Story Point Sub-Total: | 18 |

## Customer Order History:

Customers can view a history of their current and past orders.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Order History (Customer) | 3 |
|  | Story Point Sub-Total: | 3 |

## Driver Viewing Orders:

Details of packages that need to be delivered that are not visible to customers. Allows drivers to better manage deliveries.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 10 | Delivery List (Driver) | 3 |
| 21 | Delivery Estimate (Driver) | 3 |
| 27 | Package Details (Driver) | 4 |
|  | Story Point Sub-Total: | 10 |

## 

## Driver Modifying Orders:

Allows the drivers the modify details about the package as required such as size and whether the package has been delivered.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 28 | Weight/Size Update (Driver) | 4 |
| 29 | Delivery Completed (Driver) | 2 |
|  | Story Point Sub-Total: | 6 |

## Owner Viewing Orders:

Details shown for use by the owner as well as having a website that allows content shown to be relevant to the user (Customer/Driver/Owner).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Front Facing Website (Owner) | 4 |
| 22 | Delivery Estimate (Owner) | 2 |
| 25 | Package Details - individual order (Owner) | 3 |
| 26 | Package Records - Summary of all orders (Owner) | 3 |
|  | Story Point Sub-Total: | 12 |

# Release 2

Delivery date: 28/10/16 Total Story Points: 63

Features of this release provide extra functionality that will make the website easier to use and more tools for drivers and the owner to manage deliveries. There are also additional features that will give customers more options for their orders and managing their deliveries.

## Managing Orders:

Allows the owner to better manage deliveries by assigning them to a particular driver.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 13 | Package Delegation (Owner) | 6 |
| 17 | Document Payments (Owner) | 4 |
|  | Story Point Sub-Total: | 10 |

## Customer Order Form:

Additional features for ordering packages and managing orders

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Delivery Priority (Customer) | 5 |
| 2 | Price Estimation (Customer) | 3 |
| 23 | Package Size (Customer) | 3 |
| 38 | Valuable Packages (Customer) | 3 |
|  | Story Point Sub-Total: | 14 |

## Customer Additional Features:

Allow users to view their package status and make changes to their account

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | Order Tracking (Customer) | 4 |
| 44 | Account Details (Customer) | 3 |
|  | Story Point Sub-Total: | 7 |

## Driver Modifying Orders:

Allows Drivers to make updates to packages as needed

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 9 | Order Tracking Update (Driver) | 5 |
| 12 | Multiple Packages (Driver) | 4 |
|  | Story Point Sub-Total: | 9 |

## 

## Owner Viewing Orders:

Additional features for the owner to allow them to better manage packages and deliveries

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | Order Tracking (Owner) | 4 |
| 20 | Price Estimation (Owner) | 2 |
| 24 | Storage (Owner) | 3 |
| 43 | Status Dates (Owner) | 4 |
|  | Story Point Sub-Total: | 13 |

## Package Priority

Allows drivers and the owner to view the priority of packages, as well as implement sorting on the delivery and order pages.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 18 / 19 | Package Priority | 6 |
|  | Story Point Sub-Total: | 6 |

# Release 3

Delivery date: To Be Negotiated Total Story Points: 34

## GPS Functionality

Providing accurate GPS functionality such as tracking for the customer and owner, and route planning for drivers. Additional tracking tools will be available to the owner in comparison to customer features.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 31 | GPS tracking (customers) | 9 |
| 32 | GPS tracking (owner) | 9 |
| 37 | Route Planning (Driver) | 12 |
|  | Story Point Sub-Total: | 30 |

## Mobile Scaling

The website will be scalable to any screen size so that the website is easy to use on every device.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 4 | Mobile Scaling (Customer) | 4 |
|  | Story Point Sub-Total: | 4 |

# Release 4

Delivery date: To Be Negotiated Total Story Points: 30

## Additional Order Options

Additional features customers can select when making orders such as availability, valuables and delivery dates.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 35 | Package Sharing (Customer) | 2 |
| 40 | Delivery Date (Customer) | 4 |
| 42 | Pickup Availability (Customer) | 5 |
|  | Story Point Sub-Total: | 11 |

## Notifications

Functionality to allow users to be notified with email and when needed, such as when their pickup will be ready.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 39 | Email Notifications (Customer) | 4 |
| 41 | Pickup Notification (Driver) | 3 |
|  | Story Point Sub-Total: | 7 |

## Security

Security features added to maintain the integrity of the service and to eliminate unauthorised access to customer’s sensitive information.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 33 | Encryption (Owner) | 6 |
| 34 | Secure Login (Customer) | 6 |
|  | Story Point Sub-Total: | 12 |

# 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 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: 25

Sprint Plan

# Sprint 1

Total Story Points: 30 Total Hours: 41

## Current Velocity: 16

## Story 14: Order online (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create an order page | 2 | 2 |
| T02 | Write test cases | 1 | 2 |
| T03 | Write code to add orders to a database | 3 | 4 |
| T04 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 5 Total Hours: | 7 | 9 |

## Story 5: Order Confirmation (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Create a page which displays details of an order | 2 | 3 |
| T06 | Add a confirmation button that submits the order | 1 | 1 |
| T07 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 5 |

## Story 7: Order History (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Create an order history page for individual customers | 1 | 2 |
| T09 | Write code to retrieve previous orders | 2 | 3 |
| T10 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 6 |

## Story 10: Delivery List (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Create a current deliveries page | 2 | 1 |
| T12 | Write code to display deliveries in progress | 1 | 1 |
| T13 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 3 |

## Story 21: Delivery Estimate (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Write code to calculate the estimated day of delivery | 2 | 1 |
| T15 | Write test cases | 1 | 1 |
| T16 | Add estimated day to the delivery list | 1 | 1 |
| T17 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 5 | 4 |

## Story 3: Delivery Estimation (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T18 | Integrate Estimation Code from previous function | 1 | 1 |
| T19 | Add estimated day to the history list | 1 | 1 |
| T20 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 3 | 3 |

## Story 11: Customer ID (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | Create a register page | 2 | 2 |
| T22 | Write code to add users to database | 3 | 4 |
| T23 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 5 Total Hours: | 6 | 7 |

## Story 27: Package Details (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T24 | Create a package detail page | 1 | 1 |
| T25 | Write code to display all package details relevant to the driver | 2 | 2 |
| T26 | Allow this page to be accessed from the driver’s delivery list | 1 | 1 |
| T27 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 5 | 5 |

## Story 29: Delivery Completed (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T28 | Write code which allows a driver to set a package as “completed” | 1 | 1 |
| T29 | Add a button to each package in the delivery list which will execute this code | 1 | 1 |
| T30 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 3 | 3 |

# Sprint 2

Total Story Points: 19 Total Hours: 24

## Current Velocity: 24.5

## Story 15: Multiple Orders (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Set up new buttons on order page | 1 | 1 |
| T02 | Write code to add multiple orders | 2 | 4 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 6 |

## Story 28: Weight/Size Update (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T04 | Add fields to package details page | 1 | 1 |
| T05 | Write code to update weight and size | 2 | 1 |
| T06 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 4 | 3 |

## Story 26: Package Records (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Create a page and card to display package information | 1 | 1 |
| T08 | Write code to display all orders | 2 | 1 |
| T09 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 3 |

## Story 25: Package Details (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T10 | Create a page that has fields for all information required | 1 | 1 |
| T11 | Write code to retrieve all details for selected package | 2 | 1 |
| T12 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 3 |

## Story 22: Delivery Estimate (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Write code to calculate delivery date | 2 | 1 |
| T14 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 3 | 2 |

## Story 16: Front Facing Website (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Create a log in portal | 1 | 2 |
| T16 | Create custom views for each user type | 1 | 2 |
| T17 | Write code to display the relevant view for current user | 2 | 2 |
| T18 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 5 | 7 |

# Sprint 3

Total Story Points: 26 Total Hours: 20

## Current Velocity: 25.25

## Story 1: Delivery Priority (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add field to order page | 1 | 1 |
| T02 | Write code to add to database | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 5 Total Hours: | 3 | 3 |

## Story 2 Price Estimation (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Write code to calculate price | 1 | 1 |
| T02 | Add field to order confirmation page | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 3 | 3 |

## Story 23: Package Size (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add field to order page | 1 | 1 |
| T02 | Write code to add to database | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 3 | 3 |

## Story 18 + 19: Package Priority (Driver/Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Write code to prioritise orders | 3 | 2 |
| T02 | Implement code onto order/delivery list | 2 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 6 Total Hours: | 6 | 4 |

## Story 9: Order Tracking Update (Driver)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add input on delivery page | 1 | 1 |
| T02 | Write code to update status | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 5 Total Hours: | 3 | 3 |

## Story 6: Order Tracking (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add field to history page | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 2 | 2 |

# Sprint 4

Total Story Points: 33 Total Hours: 23

## Current Velocity: 26.6

## Story 13: Package Delegation (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add input to records page | 1 | 1 |
| T02 | Write code to assign to driver ID | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 6 Total Hours: | 3 | 3 |

## Story 17: Document Payments (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T04 | Add field to order details page | 1 | 1 |
| T05 | Write code and modify database to add payment details | 1 | 1 |
| T06 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 3 | 3 |

## Story 12: Multiple Package Updates (Drive)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Add check box to deliveries page | 1 |  |
| T08 | Write code to update status of multiple packages | 3 |  |
| T09 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 5 |  |

## Story 24: Storage (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T10 | Add field to records page | 1 | 1 |
|  | Story Points: 3 Total Hours: | 1 | 1 |

## Story 20: Price Estimation (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Add field to records page | 1 | 1 |
|  | Story Points: 2 Total Hours: | 1 | 1 |

## Story 8: Order Tracking (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Add field to records page | 1 | 1 |
|  | Story Points: 4 Total Hours: | 1 | 1 |

## Story 38: Valuable Packages (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Add field to orders page | 1 | 1 |
| T14 | Write code and modify database to signify if package is valuable | 1 | 1 |
| T15 | Write code to require driver input of receivers’ name on delivery | 3 | 2 |
| T16 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 6 | 5 |

## Story 43: Status Dates (Owner)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T17 | Add field to order details page | 1 | 1 |
| T18 | Modify database to include date fields | 1 | 1 |
| T19 | Write code to update date on status change | 3 | 3 |
| T20 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 6 | 6 |

## Story 44: Account Details (Customer)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | Create Account Details Page | 1 | 1 |
| T22 | Write code to update account details | 1 | 1 |
| T23 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 3 Total Hours: | 3 | 3 |