**Release and Sprint Plans**

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Version: 1

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**Table of Contents**

[Release 1](#_30j0zll)

[Database](#_1fob9te)

[Customer Order Features](#_3znysh7)

[Release 2](#_2et92p0)

[Administrative Features](#_4umt0eyywn2k)

[Minor Customer Website Features](#_3dy6vkm)

[Driver Database Access](#_82wu06iozpo)

[Release 3](#_1t3h5sf)

[Website Information](#_4d34og8)

[Administrative Features](#_2s8eyo1)

[Driver Status Updates](#_81zkbx98y9c)

[Release 4](#_x97vz7j2ff6u)

[Additional Website features](#_jooxadj2ml0o)

[Additional Administrative Features](#_2in7tudrr15k)

[Delivery Schedule](#_17dp8vu)

[Estimated Velocity: 28](#_3rdcrjn)

[Sprint 1](#_35nkun2)

[Current Velocity: 21](#_1ksv4uv)

[Story ID: 7 (Deliveries Database)](#_oqa6h7scb3w5)

[Story ID: 29 (Website Orders)](#_2jxsxqh)

[Story ID: 11 (Drop off package to be delivered)](#_ba27ackn5zzt)

Release Plan

# Release 1

Delivery date: 23 September 2016 Total Story Points: 40

This release the Goal is to Set Up the Website and input major feature which are essential to a feasible online ordered delivery. Also to create the Database for Bill’s business in order to accumulate and organize data on deliveries, customer, drivers etc. These are the foundation on which Bill’s Delivery service would be able to function online.

## Database

A Database is essential to Bill’s company. It will allow access to information on the deliveries, customers and drivers. It will also allow multiple users changing a certain information to keep it updated such as Package location, delivery completion and the dimension of the package.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Deliveries Database | 9 |
| 23 | Changing Cost | 1 |
| 4 | Size and Weight | 4 |
|  | Story Point Sub-Total: | 14 |

## Customer Order Features

Setting up a website for Bill’s Delivery Service will give him an online presence. The major features the website will offer are allowing customers to order a deliver online, check delivery cost, see package status, check pick up & drop off location for packages and contact customer support. The website and it’s features will allowing Bill to increase his customers and provide them with easy access to his services & support.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 29 | Website Orders | 9 |
| 6 | Cost Calculator | 4 |
| 10 | Pick up package to be delivered | 2 |
| 11 | Drop off package to be delivered | 3 |
| 21 | Incorrect address | 1 |
| 12 | Delivery Speeds | 2 |
| 8 | Package Status | 6 |
|  | Story Point Sub-Total: | 27 |

# Release 2

Delivery date: 28th October 2016 Total Story Points: 25

Our goals for this release are to focus on further development of website features and tools to provide functionality to admin, driver and customers. Some of the admin features added this release would include changing of cost and adding additional employees or areas to the system. The minor website features added this release are focused on providing customers with bill’s widened the range of services and support. Furthermore included in this release we intend to implement a queryable database for drivers to obtain information about deliveries and customers.

## Administrative Features

This list of features allow Bill to manipulate company data via the website. This will allow him to add and remove new employees, as well as delivery areas, to the system. Bill will also be able to update the costs for customer deliveries to the website

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Adding Employee/Areas to System | 3 |
| 23 | Changing Cost | 1 |
|  | Story Point Sub-Total: | 4 |

## 

## Minor Customer Website Features

After creating the essential order functionality in release 1, these set of features aim to provide an enhancement to the user experience. These features provide extension to pre-existing order functionality by allowing customers to add additional requirements to packages, such as security. Further it brings vital information to the customer, such as warehouse locations.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 27 | Deliver Area | 3 |
| 18 | Package Security | 2 |
| 25 | Missed Package | 1 |
| 26 | Pickup Locations | 2 |
| 13 | Scheduling Delivery Time | 4 |
|  | Story Point Sub-Total: | 12 |

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## Driver Database Access

These features intend to allow drivers employed access to the database via the website. This allows the driver to gain access to information regarding packages to be picked up and delivered, as well as their priority. Furthermore, drivers will know customer contact details of the orders they are delivering. This will be achieved through querying the database and the results being displayed on the website for the driver.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Package to pick up/drop off | 5 |
| 3 | Package Priority | 1 |
| 2 | Contact Details | 3 |
|  | Story Point Sub-Total: | 9 |

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# Release 3

Delivery date: 30th November 2016 Total Story Points: 20

The goal for this release is to finalise all essential user stories identified in the planning stage of this project. This release will provide an extension to business functionality, as well as providing additional administrative for Bill to properly manage to website. In addition, driver’s will have their functionality with the website increased by being able to provide real time updates on their delivery status.

## Website Information

These features provides additional information to the customers. This includes the ability for businesses to schedule consistent delivery times, customer support and details on the different type of transport available. These allow customer to further interact with the company, and gives Bill an avenue to enhance his business.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 22 | Business Scheduling | 6 |
| 24 | Customer Support | 1 |
| 15 | Transport | 1 |
|  | Story Point Sub-Total: | 8 |

## Administrative Features

These features are focused on Bill to assist him in managing his business. The features fit the category of could have but are quite complex including package backlogging, invoices and cash flow. Package backlogging lets Bill search for packages which have been overdue to be delivered. Invoices allows Bill more efficiently keep track of payment records.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 28 | Packages Backlog | 3 |
| 9 | Invoices | 2 |
|  | Story Point Sub-Total: | 5 |

## Driver Status Updates

This feature will provide information about the package’s status in terms of location and progress on the delivery. Through the driver updating the status real time on the website for the customer, Bill and other drivers. This provides value to the firm by allowing drivers to continually update packages.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | Status Update | 7 |
|  | Story Point Sub-Total: | 7 |

# Release 4

Delivery date: 14th December 2016 Total Story Points: 28

The goal for this release is to continue to extend the order functionality of the website. This release will further the user experience, and provide new option for customers in the creation of orders and the history of the transactions.

## Additional Website features

These features provides non-essential functionality to customer and information to customers which might be handy to the customers once in awhile.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Exotic Freight | 7 |
| 20 | Driver Arrive Time | 4 |
| 30 | Customer Transaction History | 3 |
| 31 | Social media integration | 4 |
| 32 | About Us | 1 |
|  | Story Point Sub-Total: | 19 |

## Additional Administrative Features

These features are focused on Bill to assist him in managing his business. These will help Bill manage cash flow from the business, as well as be able to advertise and accept new employees.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 17 | Cash Flow | 7 |
| 33 | Careers | 2 |
|  | Story Point Sub-Total: | 9 |

# 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: 28

Sprint Plan

# Sprint 1

Total Story Points: 21 Total Hours: 18

## Current Velocity: 21

## Story ID: 7 (Deliveries Database)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Design Database | 4 |  |
| 2 | Code Database | 3 |  |
| 3 | Test Data | 2 |  |
| 4 | Queries | 2 |  |
|  | Story Points: Total Hours: | 11 |  |

## Story ID: 29 (Website Orders)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Website Scaffold | 4 |  |
| 2 | Order Form | 1 |  |
|  | Story Points: Total Hours: | 5 |  |

## Story ID: 11 (Drop off package to be delivered)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Drop off locations listed on homepage | 1 |  |
| 2 | Business hours listed on homepage | 1 |  |
|  | Story Points: Total Hours: | 2 |  |

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