**IFB299 DropTable Release and Iteration Plans**

Contents

[**Release Plan** 2](#_Toc462090508)

[**Release 1** 2](#_Toc462090509)

[**Creating & logging into an account** 2](#_Toc462090510)

[**Placing order** 2](#_Toc462090511)

[**Order notification** 3](#_Toc462090512)

[**Release 2** 4](#_Toc462090513)

[**GPS Routing** 4](#_Toc462090514)

[**Warehouse manager view** 4](#_Toc462090515)

[**Help Information** 4](#_Toc462090516)

[**Time Stamps** 5](#_Toc462090517)

[**Release 3** 5](#_Toc462090518)

[**Parcel Identification** 5](#_Toc462090519)

[**Cost calculator** 5](#_Toc462090520)

[**Extra Order Specifications/Notifications** 6](#_Toc462090521)

[**Delivery Schedule** 6](#_Toc462090522)

[Estimated velocity: 8 6](#_Toc462090523)

[**Sprint Plan** 7](#_Toc462090524)

[**Sprint 1** 7](#_Toc462090525)

[Current Velocity: *undefined* 7](#_Toc462090526)

[**Story ID02: Account Creation** 7](#_Toc462090527)

[**Story ID06: Updating personal info** 7](#_Toc462090528)

[**Story ID09: Placing an Order** 8](#_Toc462090529)

[**Story ID18: Leaving specific details about order** 8](#_Toc462090530)

[**Story ID28: Leaving specific directions for the pickup driver** 8](#_Toc462090531)

[**Sprint 2** 9](#_Toc462090532)

[Current Velocity: *undefined* 9](#_Toc462090533)

[**Story ID02: Account Creation** 9](#_Toc462090534)

[**Story ID03: Delivery Status** 9](#_Toc462090535)

[**Story ID04: Logging Out** 9](#_Toc462090536)

[**Story ID05: Priority Shipping** 10](#_Toc462090537)

[**Story ID06: User Profile Page** 10](#_Toc462090538)

[**Story ID09: Placing an Order** 10](#_Toc462090539)

[**Story ID13: Parcel Status** 11](#_Toc462090540)

[**Story ID15:** 11](#_Toc462090541)

[**Story ID18: Leaving specific details about order** 11](#_Toc462090542)

[**Story ID25: Package Forms** 11](#_Toc462090543)

[**Story ID28: Leaving specific directions for the pickup driver** 12](#_Toc462090544)

[**Sprint 3** 13](#_Toc462090545)

[Current Velocity: *undefined* 13](#_Toc462090546)

[**Story ID12: Unique Delivery Information** 13](#_Toc462090547)

[**Story ID20: Manual Job/Order Assignment** 13](#_Toc462090548)

**Release Plan**

**Release 1**

Delivery date: 26th of September, 2016        Total Story points: 93

Provide an initial web app that allows customers to create and login into an account where they are able to place orders for parcel pickups. The web app will also allow for On the Spot managers & drivers to be able to view new and existing jobs.

**Creating & logging into an account**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID02** | As a customer it is important to me that I am able to create an account | 16 |
| **ID04** | As a customer I must have the ability to log out of an account so that my account does not become vulnerable | 2 |
| **ID06** | As a customer I want to have a page for myself where I can add/update my personal information so that it is easier for me to place orders | 8 |
| **ID12** | As a delivery driver I must be able to sign up to the web application using my OnTheSpot email address ([example@onthespot.com.au](mailto:example@onthespot.com.au)) so that I can be distinguished as a driver instead of a new customer | 16 |
| Story sub point total | | 42 |

**Placing order**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID09** | As a customer I require to be able to place an order for a pickup through my phone/tablet/laptop/PC for ease of use | 8 |
| **ID18** | As a customer I wish to be able to be specify if a parcel I am placing for pick-up will contain any valuables so that the delivery staff know to be gentle when collecting the package. | 1 |
| **ID15** | As a customer who lives in a difficult location, I want the ability to inform the driver of specific directions. | 1 |
| **ID05** | As a customer leaving the country in a few days, it is important that I receive my package before I leave or else my trip will suffer without it. I want to have the option of express delivery so that I definitely get my package on time. | 1 |
| **ID25** | As a delivery driver, I want the ability to print a form with all package details in order to be able to identify the packages. | 8 |
| Story sub point total | | 19 |

**Order notification**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID03** | As a customer I’m often very busy during the day. I want to be able to view the current status of my parcel so that I can plan my daily activities around a delivery. | 4 |
| **ID07** | As a delivery driver I want to be able to see a list of all current orders needing to be picked up/delivered so that I know which jobs remain to be completed. | 8 |
| **ID13** | As a delivery driver I should be able to alter the state of a package (open, collected, in-transit, etc) in order to relay accurate parcel information to both customers and On the Spot management. | 4 |
| **ID20** | As a delivery driver I need to have my list of jobs updated automatically when a new order has been placed so that I am able to manage my deliveries easily and in real time | 16 |
| Story sub point total | | 32 |

**Release 2**

Delivery date: 24th of October, 2016        Total Story points: 61

Build upon the initial web app by further enhancing both the user’s and staff’s experience. This enhancement will come in the form of advanced features which will greatly assist with driver navigation, staff management and the user’s overall understanding of how the web application functions.

**GPS Routing**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID01** | As a driver, I want be able to view on a digital map the quickest route to all my drop off and pickup locations so that I can easily navigate between customer locations. | 8 |
| **ID11** | As a delivery driver I want my GPS routing to take into account different parcel priorities so that customers who have selected express shipping are not forgotten by the automatic GPS routing system. | 8 |
| **ID21** | As a business owner I would like to know where my drivers are at all time in order to ensure their safety. | 8 |
| Story sub point total | | 24 |

**Warehouse manager view**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID08** | As a warehouse manager I wish to be able to track my delivery vans/drivers in real time in order for me to see where my drivers are and make plans accordingly. | 16 |
| **ID19** | As a warehouse manager I should be able to view all current parcel statuses and whether a delivery driver has flagged that they are en-route to collect/deliver said parcel. This will make my job of managing staff & customer parcels much more adaptable. | 4 |
| **ID21** | As a business owner I would like to know where my drivers are at all time in order to ensure their safety. | 8 |
| Story sub point total | | 28 |

**Help Information**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID22** | As an older person, I do not have the same intuition when using applications that younger generations may have. I would like to have some help/info buttons in case I can’t figure it out. | 1 |
| Story sub point total | | 1 |

**Time Stamps**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID14** | As a delivery driver I need to be able to record timestamps of when a parcel order was placed, when it was picked up from the destination, when it was arrived at the warehouse, when it was sent back out on a delivery run and finally when it arrived at the destination. | 8 |
| Story sub point total | | 8 |

**Release 3**

Delivery date: After Week 13        Total Story points: 7

Creation of non-essential features to enhance the usability of the application. These are not required functions but instead extra pleasure features to be added once everything else has been completed.

**Parcel Identification**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID16** | As a warehouse manager I wish to be able to uniquely identify each parcel which comes back to the warehouse to be dispatched for a delivery, this is important for my job because each parcel must be easily manageable and retrievable | 2 |
| Story sub point total | | 2 |

**Cost calculator**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID17** | As a delivery driver I need to be able to approximate a cost for each package I collect so that I can quote/charge the customer as I collect the parcel. This cost is estimated by the weight of the parcel, the distance needed for delivery and the type of shipping (express, overnight etc). This payment avenue to convenient for all parties involved. | 2 |
| Story sub point total | | 2 |

**Extra Order Specifications/Notifications**

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| **ID23** | As someone that lives in a share house, I want to be able to authorise one of my housemates to receive my package for me. If I am not home then someone should be able to accept my delivery on my behalf. | 1 |
| **ID24** | As a customer, I want the ability to cancel or change delivery dates (within a reasonable timeframe) in case my plans change | 1 |
| **ID10** | As a delivery driver it is important for me that I can report an error relating to the parcel such as a wrong drop off location so that I do not need to wait until I get back to the warehouse to inform my superior | 1 |
| Story sub point total | | 3 |

**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 | | | |

Estimated velocity: 8

**Sprint Plan**

**Sprint 1**

Total Story Point:         Total Hours: 39

Current Velocity: *undefined*

**Story ID02: Account Creation**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Brainstorm ideas for layout and flow of signup form. | 2 Hours | 3 |
| **T02** | Create signup form using HTML elements and CSS:   * Name fields * Phone number and email address fields * Street address field * Password field (We will use email address as username)   (No functionality, just the GUI component) | 6 Hours |  |
| **T03** | Form validation using JS, preventing the user from entering invalid data | 3 Hours |  |
| **T04** | Brainstorm database schema and layout | 2 Hours | 2 |
| **T05** | Set up NoSQL database schema using Mongoose, allowing user objects to be stored. (This will also be our initial database setup within our environments) | 6 Hours | 5 |
| **T06** | Connect sign up form to database, allowing for fully functional account creation with accounts being stored in DB | 4 Hours |  |
| **Story Points: 16                                                    Total hours:** | | 21 Hours |  |

**Story ID06: Updating personal info**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create profile update form using HTML elements and CSS:   * Name fields * Phone number and email address fields * Street address field * Password field (uses email address as username)   (No functionality, just the GUI component) | 3 Hours |  |
| **T02** | Form validation using JS, preventing the user from entering invalid data | 1 Hour |  |
| **T03** | Alter database object and connect database to profile form | 3 Hours |  |
| **Story Points: 8                                               Total hours:** | | 7 Hours |  |

**Story ID09: Placing an Order**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Brainstorm ideas for layout and flow of order form. | 2 Hours |  |
| **T02** | Create order form using HTML elements and CSS:   * Order date and time * PIckup address (default to the user’s street address) * Drop-off address (with specific directions) * Express service? (Checkbox)   (No functionality, just the GUI component) | 6 Hours |  |
| **T03** | Create database object and connect database to order form | 1 Hours |  |
| **Story Points: 8                                                Total hours:** | | 9 Hours |  |

**Story ID18: Leaving specific details about order**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Add textbox component to existing order form using HTML element and CSS | 0.5 Hours |  |
| **T02** | Create database object and connect database to order form | 0.5 Hours |  |
| **Story Points: 1                                               Total hours:** | | 1 Hours |  |

**Story ID28: Leaving specific directions for the pickup driver**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Add a Textarea input on the HTML form that will cater for large text input from the user detailing any directions. | 1 Hours |  |
| **T02** | Create database object and connect database to order form |  |  |
| **Story Points: 1                                               Total hours:** | | 1 Hours |  |

**Sprint 2**

Total Story Point: 43         Total Hours: 59

Current Velocity: *undefined*

**Story ID02: Account Creation**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T02** | Create signup form using HTML elements and CSS:   * Name fields * Phone number and email address fields * Street address field * Password field (We will use email address as username) | 6 Hours | 3 |
| **T03** | Form validation using JS, preventing the user from entering invalid data | 3 Hours | - |
| **T06** | Connect sign up form to database, allowing for fully functional account creation with accounts being stored in DB | 4 Hours | 16 |
| **Story Points: 8                                                   Total hours:** | | 21 Hours | 19 |

**Story ID03: Delivery Status**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create form that transitions state of parcel object | 2 Hour | 1 |
| **T02** | Display parcel information on orders page | 1 Hours | 2 |
| **Story Points: 4                                             Total hours:** | | 3 Hours | 3 |

**Story ID04: Logging Out**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create and connect a button that logs the user out of their account | 1 Hour | 1.5 |
| **T02** | Use tokens to log a user out of their account if they have been inactive for a certain period of time | 1 Hours | 2 |
| **Story Points: 2                                             Total hours:** | | 1 Hours | 1.5 |

**Story ID05: Priority Shipping**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create a checkbox for priority shipping on order form | 1 Hour | 0.2 |
| **T02** | Alter database object to be tagged as priority shipping | 2 Hours | 0.8 |
| **Story Points: 1                                              Total hours:** | | 3 Hours | 1 |

**Story ID06: User Profile Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create profile update form using HTML elements and CSS:   * Name fields * Phone number and email address fields * Street address field * Password field (uses email address as username) | 3 Hours | 2 |
| **T02** | Form validation using JS, preventing the user from entering invalid data | 1 Hour | - |
| **T03** | Alter database object and connect database to profile form | 3 Hours | - |
| **Story Points: 8                                               Total hours:** | | 7 Hours | 2 |

**Story ID09: Placing an Order**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Brainstorm ideas for layout and flow of order form. | 2 Hours | 2 |
| **T02** | Create order form using HTML elements and CSS:   * Order date and time * PIckup address (default to the user’s street address) * Drop-off address (with specific directions) * Express service? (Checkbox) | 6 Hours | 6 |
| **T03** | Create database object and connect database to order form | 1 Hours | 10 |
| **Story Points: 8                                                Total hours:** | | 9 Hours | 18 |

**Story ID13: Parcel Status**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create driver form to change the state of an order in the database | 1.5 Hours | 2 |
| **T02** | Transition database object and connect database to order form | 1.5 Hours | 1 |
| **Story Points: 1                                               Total hours:** | | 3 Hours | 3 |

**Story ID15:**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create textbox on order form to specify extra information | 1 Hours | 1 |
| **T02** | Update database object with order information and flag it for the driver | 1.5 Hours | 1 |
| **Story Points: 1                                               Total hours:** | | 3 Hours | 2 |

**Story ID18: Leaving specific details about order**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Add textbox component to existing order form using HTML element and CSS | 0.5 Hours | 0.5 |
| **T02** | Create database object and connect database to order form | 0.5 Hours | 0,5 |
| **Story Points: 1                                               Total hours:** | | 1 Hours | 1 |

**Story ID25: Package Forms**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Create a form that automatically fills in when an order is placed with delivery address and person’s name | 1 Hours | 1.5 |
| **Story Points: 8                                              Total hours:** | | 1 Hours | 1.5 |

**Story ID28: Leaving specific directions for the pickup driver**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Add a Textarea input on the HTML form that will cater for large text input from the user detailing any directions. | 1 Hours | 1 |
| **T02** | Create database object and connect database to order form |  |  |
| **Story Points: 1                                               Total hours:** | | 1 Hours | 1 |

**Sprint 3**

Total Story Point: 24         Total Hours: 5

Current Velocity: *undefined*

**Story ID12: Unique Delivery Information**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Add user authentication for drivers so they can log into a “drivers account | 2 Hours |  |
| **T02** | Create database object and connect database functions to account based on company email address | 1 Hour |  |
| **Story Points: 16                                               Total hours:** | | 3 Hours |  |

**Story ID20: Manual Job/Order Assignment**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| **T01** | Notification email is sent to manager/staff when an order as been placed | 1 Hour |  |
| **T02** | A notification is clearly displayed in driver’s view of new order | 1 Hour |  |
| **Story Points: 8                                               Total hours:** | | 2 Hours |  |