**Release Two Plan**

GitLab (*Release-Two-Final-Production-Implementation* Branch):

<https://gitlab.com/MichaelLeontieff/ifb299-project.git>

Production Deployment:

<http://onthespotdelivery.herokuapp.com>

Tutor: Dr. Syed Zaidi

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| N9455396 | Michael Leontieff-Smith |
| N9136703 | Amos Fox |
| N8608369 | Kirwan Elmsly |
| N8686009 | Tom Hughes |
| N9454195 | Nicolaas Van Breda |
| N9438645 | Thanh-ha Nguyen |
| N9686100 | Christos Amarandos |

**Release Plan**

# Release Two Final Plan

## SPRINT 3: Driver Functionality Implementation

Creation of the pages which house the primary Driver stakeholder functionality. This includes the online forms and their corresponding database interaction that governs the process of picking up a package, checking in a package to the warehouse and delivering a package.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title | MoSCoW | Story Points |
| SRCX-38 | Driver Management Page | Must Have | 2 |
| SRCX-139 | Package Pickup Form | Could Have | 4 |
| SRCX-138 | Package Check in Form | Could Have | 4 |
| SRCX-140 | Package Delivery Form | Could Have | 4 |
|  | Story Point Sub-Total: |  | 14 |

## SPRINT 4: Operator Functionality Implementation

Provide the Operator with the ability to create new drivers and operators, complete the payment process for orders, and to track the progress of each order in the system throughout the various stages of the delivery timeline.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| SRCX-42 | Operator Management Page | Must Have | 2 |
| SRCX-96 | Order Confirmation Prompt | Could Have | 2 |
| SRCX-142 | Log time of delivery Process | Could Have | 1 |
| SRCX-18 | View Payment Information | Must Have | 2 |
| SRCX-143 | Operator Creation Page | Should Have | 4 |
| SRCX-141 | Package Tracking | Could Have | 4 |
|  | Story Point Sub-Total: |  | 15 |

## PLANNED SPRINT 5: Quality of life features

This sprint incorporates backlog functionality and refinements that further improve the system in various aspects.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| SRCX |  | Must Have |  |
| SRCX |  | Could Have |  |
| SRCX |  | Could Have |  |
| SRCX |  | Must Have |  |
| SRCX |  | Should Have |  |
| SRCX |  | Could Have |  |
|  | Story Point Sub-Total: |  |  |

# Delivery Schedule

Each release will involve two sprints.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 (complete) | | Sprint 2 (current) | | Sprint 3 | | Sprint 4 | |
| Release 1 | | | | Release 2 | | | | |

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

## Sprint Three Completed

Total Story Points: 14 Total Estimated Hours:

## Current Velocity: Total Actual Hours:

## Story ID: SRCX-38 Title: Driver Management Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX-144 | Create static Management page | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX-145 | Implement Sidebar partial | Michael Leontieff-Smith | 3 hours | 3 hours |
| SRCX-146 | Create Route | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-147 | Register page within Drivers Controller | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-148 | Implement session checking methods for authorisation | Michael Leontieff-Smith | 3 hours | 4 hours |
| SRCX-149 | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX-150 | Production Deployment | Michael Leontieff-Smith | 1 hour | 2 hours  (deploy issue) |
|  | Story Points: 2 |  | 13 hours | 15 hours |

## Story ID: SRCX-139 Title: Package Pickup Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX-151 | Create static pickup form page | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX-152 | Generate Scaffold for Pickup Table | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-153 | Run Pickups table migrations | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-154 | Mock-up Form Layout |  | 4 hours | 4 hours |
| SRCX-155 | Implement Form and corresponding Styling |  | 5 hours | 5 hours |
|  | Implement input validation |  | 5 hours | 5 hours |
| SRCX-156 | Complete code-behind for controller | Michael Leontieff-Smith | 3 hours | 3 hours |
| SRCX-157 | Implement Route | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-158 | Implement session checking methods for authorisation | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX-159 | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX-160 | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 4 |  | 27 hours | 27 hours |

## Story ID: SRCX-138 Title: Package Check-In Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX-161 | Create static check-in form page | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX-162 | Generate Scaffold for Check-in Table | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-163 | Run Check-in table migrations | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-164 | Mock-up Form Layout |  | 4 hours | 4 hours |
| SRCX-165 | Implement Form and corresponding Styling | Michael Leontieff-Smith | 5 hours | 5 hours |
|  | Implement Input Validation |  | 5 hours | 5 hours |
| SRCX-166 | Complete code-behind for controller | Michael Leontieff-Smith | 3 hours | 3 hours |
| SRCX-167 | Implement Route | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-168 | Implement session checking methods for authorisation | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX-169 | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX-170 | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 4 |  | 27 hours | 27 hours |

## Story ID: SRCX-140 Title: Package Delivery Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX-171 | Create static Delivery form page |  | 2 hours | 2 hours |
| SRCX-172 | Generate Scaffold for Delivery Table |  | 1 hour | 1 hour |
| SRCX-173 | Run Delivery table migrations |  | 1 hour | 1 hour |
| SRCX-174 | Mockup Form Layout |  | 4 hours | 4 hours |
| SRCX-175 | Implement Form and corresponding Styling |  | 5 hours | 5 hours |
|  | Implement Input Validation |  | 5 hours | 5 hours |
| SRCX-176 | Complete code-behind for controller |  | 4 hours | 4 hours |
| SRCX-177 | Implement Route |  | 1 hour | 1 hour |
|  | Research potential signature collection plugins |  | 1 hour | 4 hours |
| SRCX-178 | Implement Signature Collection |  | 6 hours | 6 hours |
| SRCX-179 | Implement session checking methods for authorisation |  | 2 hours | 2 hours |
| SRCX-180 | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX-181 | Production Deployment |  | 1 hour | 1 hour |
|  | Story Points: 6 |  | 35 hours | 37 hours |

## Sprint Four Completed

Total Story Points: 18 Total Estimated Hours:

## Current Velocity: Total Actual Hours:

## Story ID: SRCX-42 Title: Operator Management Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Create static Operator page | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX | Implement Sidebar partial | Michael Leontieff-Smith | 3 hours | 3 hours |
| SRCX | Create Route | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Register page within Operators Controller | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Implement session checking methods for authorisation | Michael Leontieff-Smith | 3 hours | 4 hours |
| SRCX | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 2 |  | 13 hours | 14 hours |

## Story ID: SRCX-96 Title: Order Confirmation Prompt

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Research development approaches | Michael Leontieff-Smith | 4 hours | 4 hours |
| SRCX | Import JQuery Libraries | Michael Leontieff-Smith | 1 hour | 2 hours (issues with rails) |
| SRCX | Create code snippets | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Implement state process | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Implement buttons to represent process | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX-149 | Acceptance Testing |  | 2 hours | 2 hours |
| SRCX-150 | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 2 |  | 11 hours | 12 hours |

## Story ID: SRCX-142 Title: Log Time of Delivery Process

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Process existing schemas to include timestamps | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX | Construct Active Record Associations to allow efficient query of information | Michael Leontieff-Smith | 1 hour | 5 hours (issues with pre-validated records, resulted in database purge hence time blowout) |
| SRCX-149 | Acceptance Testing |  | 1 hour | 1 hour |
| SRCX-150 | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 1 |  | 5 hours | 9 hours |

## Story ID: SRCX-18 Title: View Payment Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Implement scaffolding for payments table | Michael Leontieff-Smith | 1 hour | 2 hours |
| SRCX | Mock up design for Payments screen |  | 3 hours | 3 hours |
| SRCX | Implement static page for Payments screen | Michael Leontieff-Smith | 4 hours | 4 hours |
| SRCX | Construct code-behind to output all un-paid orders | Michael Leontieff-Smith | 2 hours | 3 hours |
| SRCX | Construct query string methods to connect selected order with payments form | Michael Leontieff-Smith | 2 hours | 2 hours |
| SRCX | Acceptance Testing |  | 1 hour | 1 hour |
| SRCX | Production Deployment | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 2 |  | 14 hours | 16 hours |

## Story ID: SRCX-143 Title: Operator Creation Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Design Database Schema for Operators Table | Nick Van Breda | 3 hours | 3 hours |
| SRCX | Database Scaffolding | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Database Migration | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Input Validation | Amos Fox | 3 hours | 3 hours |
| SRCX | Create Controller | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Mockup Operator Account Creation Page Design | Dylan Nguyen | 4 hours | 4 hours |
| SRCX | Create and Style View | Michael Leontieff-Smith | 5 hours | 5 hours |
| SRCX | Write Test Cases | Kirwan Elmsly | 3 hours | 2 hours |
| SRCX | Refine Auto-Generated Operator Account Form | Michael Leontieff-Smith | 3 hours | 3 hours |
| SRCX | User Acceptance Criteria | Kirwan Elmsly | 2 hours | 2 hours |
| SRCX | Deploy to Production Server | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 4 |  | 27 hours | 26 hours |

## Story ID: SRCX-141 Title: Package Tracking

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Task Description | Assignee | Estimate | Taken |
| SRCX | Mock up tracking page design |  | 5 hours | 5 hours |
| SRCX | Implement static page | Michael Leontieff-Smith | 1 hour | 1 hour |
| SRCX | Implement tracking panel partial design | Michael Leontieff-Smith | 4 hours | 4 hours |
| SRCX | Implement code-behind to calculate tracking information for the various fields required | Michael Leontieff-Smith | 5 hours | 5 hours |
| SRCX | Implement code behind to construct array of order tracking information for all orders in system | Michael Leontieff-Smith | 5 hours | 5 hours |
| SRCX | Write Test Cases | Kirwan Elmsly | 2 hours | 2 hours |
| SRCX | User Acceptance Criteria | Kirwan Elmsly | 2 hours | 2 hours |
| SRCX | Deploy to Production Server | Michael Leontieff-Smith | 1 hour | 1 hour |
|  | Story Points: 4 |  | 25 hours | 25 hours |

Acceptance Criteria:

SRCX140:

* Ability to submit delivery Process
* Input Validation
* Finite State Automation respected
  + only orders checked in to warehouse
  + only orders not already delivered
  + uniform design

SRCX138:

* Ability to submit Check-in Process
* Input Validation
* Finite State Automation respected
  + only orders pickup up
  + only orders not already checked-in
  + only orders not delivered
  + uniform design

SRCX139:

* Ability to submit pickup Process
* Input Validation
* Finite State Automation respected
  + only orders been placed by customers
  + only orders not already picked up
  + uniform design

SRCX38:

* Sidebar containing required navigation links (order pickup, check-in, deliver)
* respects sessions management
* uniform design