Release One (Sprint Two) Plan

GitLab (*Release-One-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
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Release Plan

Release 1 (Old Plan – sprint 2 portion to be changed)

Delivery date: end week 9   Total Story Points: 22

Provide an initial web structure which includes the basic functionality and database scaffolding for the customer stakeholder. Upon the completion of this release customers will have the ability to place orders with the company and view information on how to do so.

SPRINT 1: Preliminary Front End and Database Scaffolding Setup (completed)

Creation of the pages which house the primary Customer stakeholder functionality and introduce the initial web presence.

Story ID	Story Title	Story Points
SRCX35	Company Home Page	2
SRCX16	Customer Account Creation	4
SRCX36	Customer Login Page	2
SRCX17	Customer Online Order Submission	4
SRCX9	Unique Identifier for Orders	1
	Story Point Sub-Total:	15

OUTDATED SPRINT 2: Front End Support Pages, changes introduced in following section

Provide Customers with various support information to complement the web presence.

Story ID	Story Title	Story Points
SRCX31	Secure Passwords	1
SRCX25	Company Contact Information Page	2
SRCX37	Company About Page	2
SRCX28	Customer FAQ Page	2
	Story Point Sub-Total:	7

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		…					
Release 3, 4, …							

Sprint One Completed

Total Story Points: 15

Current Velocity: 15

Total Estimated Hours: 70 hours

Total Actual Hours: 107 hours

Story ID: SRCX35   **Title: Company Home Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX82	Create Local Repository and Remote and add developers to group	Michael Leontieff-Smith	1 hour	2 hours
SRCX48	Add Home Page route to routing file	Michael Leontieff-Smith	1 hour	1 hour
SRCX49	Create Controller for Home Page to handle route	Michael Leontieff-Smith	1 hour	1 hour
SRCX83	Mockup Home Page Design	Dylan Nguyen	2 hours	5 hours
SRCX50	Create Home Page View	Michael Leontieff-Smith	1 hour	5 hours
SRCX69	Create Navigation Bar Partial	Michael Leontieff-Smith	1 hour	2 hours
SRCX70	Create Home Page Banner and Main Content	Christos Amarandos	1 hour	3 hours
SRCX68	User Acceptance Criteria	Kirwan Elmsly	1 hour	2 hours
SRCX84	Setup Deployment Server	Michael Leontieff-Smith	2 hours	4 hours
SRCX86	Deploy to Production Server	Michael Leontieff-Smith	1 hour	2 hours
	Story Points: 2		12 hours	27 hours

Story ID: SRCX16   **Title: Customer Account Creation**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX85	Design Database Schema for Customers Table	Nick Van Breda	2 hours	3 hours
SRCX43	Database Scaffolding	Michael Leontieff-Smith	1 hour	2 hours
SRCX44	Database Migration	Michael Leontieff-Smith	1 hour	1 hour
SRCX72	Input Validation	Amos Fox	2 hours	4 hours
SRCX45	Create Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX87	Mockup Customer Account Creation Page Design	Dylan Nguyen	3 hours	4 hours
SRCX46	Create and Style View	Michael Leontieff-Smith	4 hours	5 hours
SRCX71	Write Test Cases	Kirwan Elmsly	2 hours	4 hours
SRCX54	Refine Auto-Generated Customer Account Form	Michael Leontieff-Smith	3 hours	3 hours
SRCX73	User Acceptance Criteria	Kirwan Elmsly	2 hours	2 hours
SRCX89	Deploy to Production Server	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 4		22 hours	30 hours

Story ID: SRCX36   **Title: Customer Login Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX51	Create Sessions Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX88	Mockup Login Page Design	Dylan Nguyen	2 hours	4 hours
SRCX53	Create and Style Login View	Michael Leontieff-Smith	2 hours	3 hours
SRCX52	Creation of Login Form	Michael Leontieff-Smith	2 hours	2 hours
SRCX74	Write Test Cases	Kirwan Elmsly	2 hours	2 hours
SRCX75	User Acceptance Criteria	Kirwan Elmsly	2 hours	2 hours
SRCX90	Deploy to Production Server	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 2		12 hours	15 hours

Story ID: SRCX17   **Title: Customer Online Order Submission**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX92	Design Database Schema for Orders Table	Nick Van Breda	2 hours	3 hours
SRCX55	Generate Database Scaffolding for Orders Table	Michael Leontieff-Smith	1 hour	2 hours
SRCX56	Migrate Database Schema	Michael Leontieff-Smith	1 hour	1 hour
SRCX76	Input Validation	Amos Fox	2 hours	4 hours
SRCX77	Write Test Cases	Kirwan Elmsly	2 hours	3 hours
SRCX92	Mockup Online Order Page Design	Dylan Nguyen	3 hours	4 hours
SRCX57	Create and Style View	Michael Leontieff-Smith	4 hours	4 hours
SRCX78	Refine Auto-Generated Online Order Form	Michael Leontieff-Smith	2 hours	3 hours
SRCX79	User Acceptance Criteria	Kirwan Elmsly	2 hours	2 hours
SRCX94	Deploy to Production Server	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 4		20 hours	27 hours

Story ID: SRCX9   **Title: Unique Identifier for Orders**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX58	Primary Key Constraint for Scaffolding	Michael Leontieff-Smith	1 hour	1 hour
SRCX80	Write Test Cases	Kirwan Elmsly	2 hours	3 hours
SRCX81	User Acceptance Criteria	Kirwan Elmsly	1 hour	2 hours
SRCX91	Deploy to Server and Run Production Migrations	Michael Leontieff-Smith	1 hour	2 hours
	Story Points: 1		5 hours	8 hours

Time Estimates Conclusion

From the completion of sprint one, it has become evident that the time estimates made were no where near as pessimistic as they needed to be, as the actual time to implement the points defined for the sprint was 37 hours over the estimate. This will be rectified in sprint two, where we can make more accurate estimates because unlike before we have experience and knowledge of development (garnered during sprint one) to guide our time estimates (something we didn't have before).

Burn Down Chart Sprint One

Because all sprint one tasks were completed in the allotted time frame, the actual burn down chart largely represents the expected one (shown in red), where the story points decay to zero once the completion date is met. The two plateaus on the graph represent the two higher-weighted user stories as they took longer to complete. The Sprint Two and Release One Burndown charts are included after the story and task definitions.

Burndown Chart Sprint 1
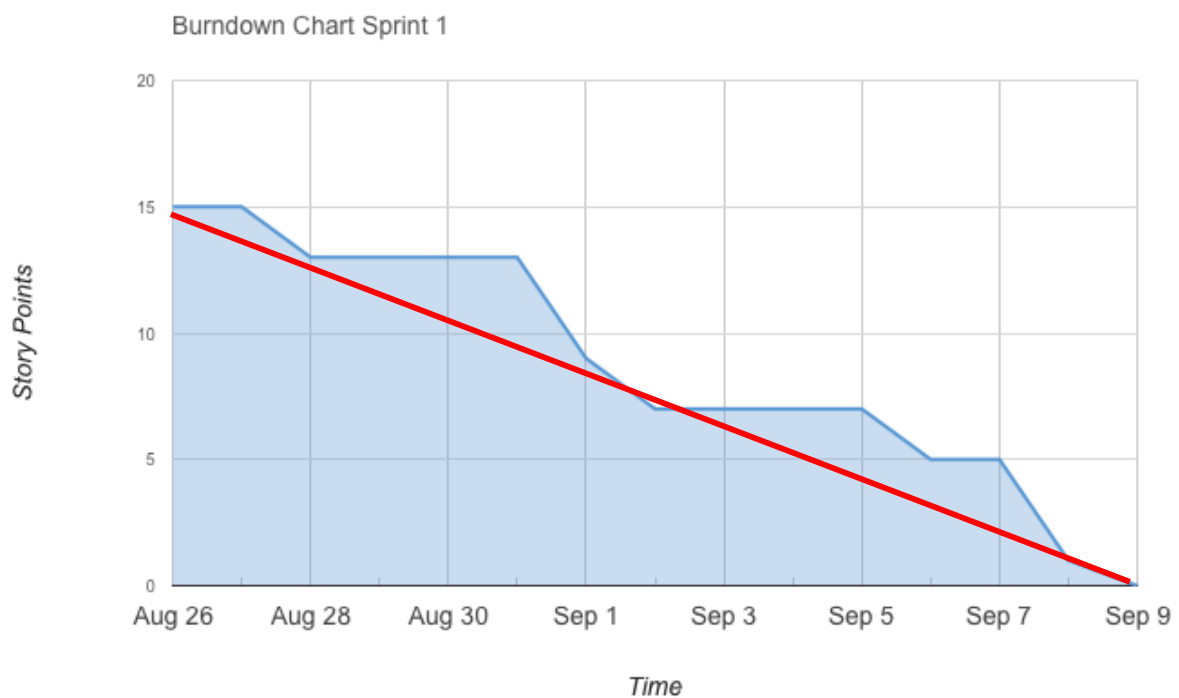
Sprint Two/Release One Plan (Following on Sprint 1)

In sprint two, we aim to complete the remaining user stories defined in the release one plan and integrate them into the system by the release one completion date. However, after the first sprint was completed without any deviation from the sprint plan, our current velocity is 15.

Since we completed 15 points in the first sprint of two weeks, it's expected that we can maintain this velocity until the end of sprint two. However, the remaining tasks to be completed for release one don't accumulate to 15 points, and therefore we have more time on our hands.

Coincidently, after the pitch of sprint one's progress to the client, the client requested that more backlog functionality be added during the next sprint, namely two user stories listed below:

Story ID	Story Title	Story Points
SRCX95	Date Time Picker on Customer Creation Screen	2
SRCX96	Order confirmation upon order submission	2

These stories will be integrated with the last sprint of the first release, so that we're able to maintain our velocity. This still leaves some space in our velocity, and as a result the client wanted further tasks to be completed, in light of this, two highly weighted user stories (SRCX97 and SRCX39) from the release 2 plan will be deferred to this one, they will not be visible in the production deployment as they govern the backend setup processes for the next release. This was done to ensure the entirety of the two releases and the corresponding system can be completed in time.

Story ID	Story Title	MoSCoW	Story Points
SRCX31	Secure Passwords	Must Have	1
SRCX25	Company Contact Information Page	Must Have	2
SRCX37	Company About Page	Should Have	2
SRCX28	Customer FAQ Page	Should Have	2
SRCX95	Date Time Picker on Customer Creation Screen	Must Have	1
SRCX96	Order confirmation upon order submission	Must Have	1
SRCX97	Driver Account Creation	Must Have	4
SRCX39	Driver Login Page	Must Have	2
			Story Point Sub-Total: 15

It is expected that if current circumstances remain, then sprint three will see the implementation of the first 'could have' user story. This will retain the 60-20-20 distribution.

MoSCoW Prioritisation

Due to the promotion of two items from the backlog functionality, the MoSCoW priority will need to be re-distributed in order to re-conform to the 60-20-20 distribution for the release. This results in the sprint two plan containing 6 must haves and 2 should haves, if this client request didn't take place then the plan would contain 4 must haves and 4 should haves.

Sprint 2

The purpose of sprint two is to bring the system online with functionality that covers the broad requirements of customers, this includes the initial web presence, creating an account, placing and confirming an order and viewing information pertaining to the business.

Total Story Points: 17

Total Estimated Hours: 117 hours
Total Actual Hours: 112 hours

Current Velocity: 15 (from last sprint)

Story ID: SRCX31   **Title: Encrypted Customer Passwords**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX59	Install Authentication Ruby Gem and Dependencies	Michael Leontieff-Smith	2 hours	2 hours
SRCX60	Setup Migration file to Modify Customers Table	Michael Leontieff-Smith	2 hours	2 hours
SRCX98	Write Test cases	Kirwan Elmsly	2 hours	2 hours
SRCX99	User Acceptance Criteria	Kirwan Elmsly	2 hours	2 hours
SRCX101	Deploy to Production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 1		9 hours	9 hours

Story ID: SRCX25   **Title: Company Contact Information Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX61	Create Route and add page to existing Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX100	Mock Up Design	Dylan Nguyen	3 hours	3 hours
SRCX62	Create and Style View	Tom Hughes	5 hours	5 hours
SRCX102	Populate page with client-sourced information	Christos Amarandos	5 hours	5 hours

Task ID	Task Description	Assignee	Estimate	Taken
SRCX103	User Acceptance Criteria	Kirwan Elmsly	1 hour	1 hour
SRCX104	Deploy to production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 2		16 hours	16 hours

Story ID: SRCX37   **Title: Company About Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX63	Create Route and add page to existing Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX105	Mock Up Design	Dylan Nguyen	4 hours	3 hours
SRCX64	Create and Style View	Tom Hughes	5 hours	5 hours
SRCX106	Populate page with client-sourced information	Michael Leontieff-Smith	5 hours	5 hours
SRCX107	User Acceptance Criteria	Kirwan Elmsly	1 hour	1 hour
SRCX108	Deploy to production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 2		17 hours	16 hours

Story ID: SRCX28   **Title: Customer FAQ Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX65	Create Route and add page to existing Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX109	Mock Up Design	Dylan Nguyen	4 hours	4 hours
SRCX66	Create and Style View	Christos Amarandos	5 hours	4 hours
SRCX67	Populate page with client-sourced information	Christos Amarandos	5 hours	5 hours
SRCX110	User Acceptance Criteria	Kirwan Elmsly	1 hour	1 hour

Task ID	Task Description	Assignee	Estimate	Taken
SRCX111	Deploy to production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 2		17 hours	16 hours

Story ID: SRCX95   **Title: Date Time Picker for Customers**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX112	Install date-time gem and required dependencies	Michael Leontieff-Smith	2 hours	2 hours
SRCX113	Modify form code to accept time picker	Michael Leontieff-Smith	2 hours	4 hours
SRCX114	Write Test Cases	Kirwan Elmsly	2 hours	1 hour
SRCX115	Acceptance Criteria	Kirwan Elmsly	1 hour	1 hour
SRCX116	Deploy to Production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 1		8 hours	9 hours

Story ID: SRCX96   **Title: Order Confirmation Upon Order Submission**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX117	implement browser message support	Michael Leontieff-Smith	2 hours	2 hours
SRCX118	Modify form submission to prompt user for confirmation	Michael Leontieff-Smith	2 hours	1 hour
SRCX119	Acceptance Criteria	Kirwan Elmsly	1 hour	1 hour
SRCX120	Deploy to Production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 1		6 hours	5 hours

Story ID: SRCX97   **Title: Driver Account Creation**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX121	Design Database Schema for Drivers Table	Nick Van Breda	3 hours	3 hours
SRCX123	Database Scaffolding	Michael Leontieff-Smith	1 hour	1 hour
SRCX124	Database Migration	Michael Leontieff-Smith	1 hour	1 hour
SRCX125	Input Validation	Amos Fox	3 hours	3 hours
SRCX126	Create Controller	Michael Leontieff-Smith	1 hour	1 hour
SRCX127	Mockup Driver Account Creation Page Design	Dylan Nguyen	4 hours	4 hours
SRCX128	Create and Style View	Michael Leontieff-Smith	5 hours	5 hours
SRCX129	Write Test Cases	Kirwan Elmsly	3 hours	2 hours
SRCX130	Refine Auto-Generated Driver Account Form	Michael Leontieff-Smith	3 hours	3 hours
SRCX131	User Acceptance Criteria	Kirwan Elmsly	2 hours	2 hours
SRCX132	Deploy to Production Server	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 4		26 hours	25 hours

Story ID: SRCX39   **Title: Driver Login Page**

Task ID	Task Description	Assignee	Estimate	Taken
SRCX132	Create Controller and Route	Michael Leontieff-Smith	2 hours	2 hours
SRCX133	Mockup View Design	Michael Leontieff-Smith	4 hours	2 hours
SRCX134	Create View	Michael Leontieff-Smith	5 hours	4 hours
SRCX135	Implement Session Management	Michael Leontieff-Smith	4 hours	5 hours
SRCX136	Complete Backend Code	Michael Leontieff-Smith	2 hours	2 hours
SRCX137	Deploy to Production	Michael Leontieff-Smith	1 hour	1 hour
	Story Points: 2		18 hours	16 hours

Sprint Two Observations

Contingency Time:

Throughout sprint one, we had defined some contingency time to tackle issues with the implementation and this proved helpful. With sprint two, the range of stories we had to implement meant that the potential for error would be quite high. Because of this the time estimates for the sprints included a generous contingency time in order to cater for any issues, some of the experienced issues during the sprint 2 development were:
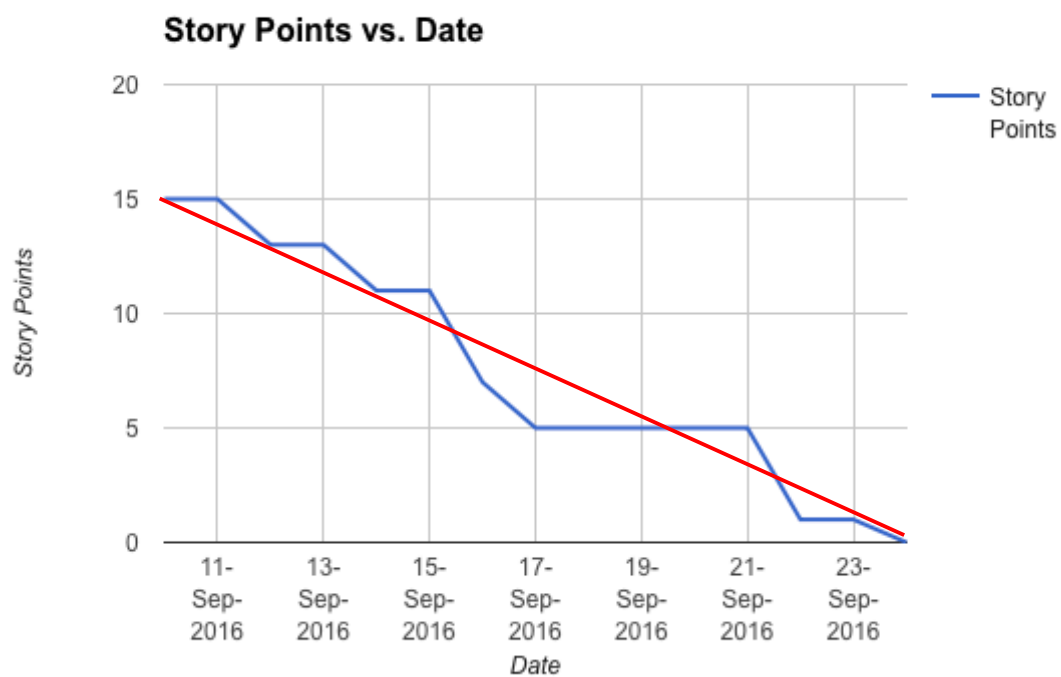
- Invalid Migration file preventing Production Deployment (3 hours to fix)
- Calendar Datepicker time format not working correctly (2 hours to fix)

Current Velocity

The end of Sprint One saw the completion of 15 user stories in two weeks, and this was replicated in Sprint Two, where a further 15 story points were completed. Upon the completion of release one, we can confidently conclude that 15 user story points per fortnight is a maintainable velocity.
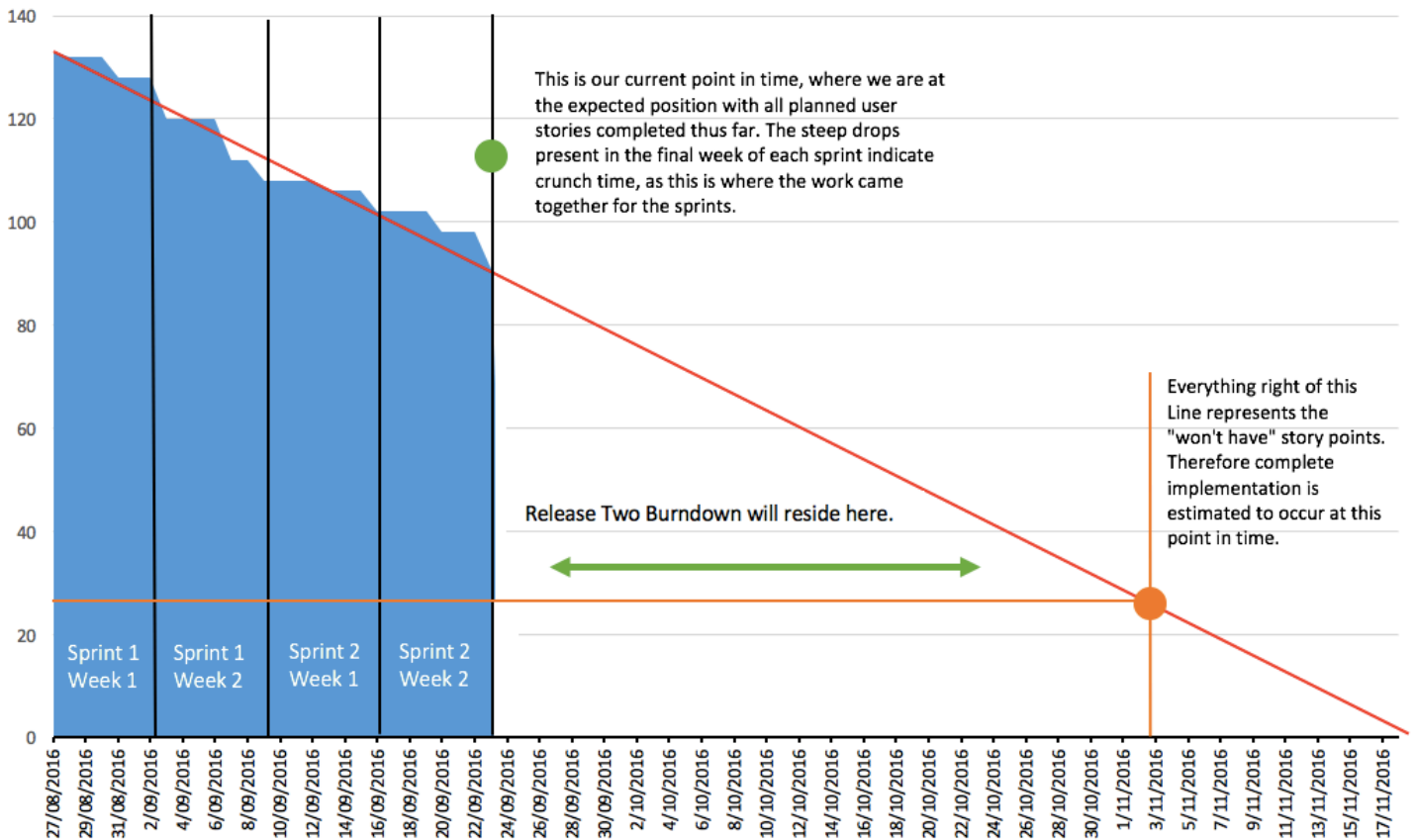
Sprint 2 Burndown Chart

Comments are part of the complete Burndown chart

Complete Burndown Chart

Product Backlog Burn down chart

This is our current point in time, where we are at the expected position with all planned user stories completed thus far. The steep drops present in the final week of each sprint indicate crunch time, as this is where the work came together for the sprints.

Everything right of this Line represents the "won't have" story points. Therefore complete implementation is estimated to occur at this point in time.

Release Two Burndown will reside here.

Sprint 1 Week 1   Sprint 1 Week 2   Sprint 2 Week 1   Sprint 2 Week 2

Testing Outcomes and Acceptance Criteria for Bobs Package Delivery Release 1

This document outlines the testing outcomes and acceptance criteria verification for Release 1. Tests are a mixture of unit tests and manual tests. All unit tests are carried out using the in-built Rails testing automation tools.

Sprint 1 User Stories

SRCX35 – Company Home Page

Acceptance Criteria	Status	Associated Tests
Home page viewable upon navigation to root of web solution	✓- Passed	SRCX35-ManualTest-01
Provides Navigation bar with placeholder links to other locations	✓- Passed	SRCX35-ManualTest-01
Contains banner which states the purpose of the website	✓- Passed	SRCX35-ManualTest-01

SRCX16 – Customer Account Creation

Acceptance Criteria	Status	Associated Tests
Customer is prompted to provide the following information: Username, First Name, Last Name, Card Number, Card Type (Visa, MasterCard), CCV, Expiry Date, Street, Suburb, Postcode, City, Email Address, Password	✓- Passed	Unit Tests
All the above fields are validated to check formatting and to ensure none are empty, email is checked for uniqueness as two users cannot share the same email.	✓- Passed	Unit Tests

SRCX36 – Customer Login Page

Acceptance Criteria	Status	Associated Tests
Login Page accessible from navigation bar	✓- Passed	SRCX36-ManualTest-01
Login page with form that prompts the user for an email and password	✓- Passed	SRCX36-ManualTest-01
Validate presence of given email in database	✓- Passed	Unit Tests
Validation of user credentials through password authentication	✓- Passed	Unit Tests
Upon successful login, session is created	✓- Passed	Unit Tests

SRCX17 – Customer Online Order Submission

Acceptance Criteria	Status	Associated Tests
Online Order Page available to customers who are logged in	✓- Passed	SRCX17-ManualTest-01
Links to page provided in navigation bar	✓- Passed	SRCX17-ManualTest-01
Page contains form where customer can submit details relevant to the order	✓- Passed	SRCX17-ManualTest-01
User input is validated before order confirmation	✓- Passed	Unit Test
Customer receives confirmation of order after submitting	✓- Passed	SRCX17-ManualTest-02

SRCX9 – Unique Identifier for Orders

Acceptance Criteria	Status	Associated Tests
The user is unable to create multiple orders with the same order ID	✓- Passed	Unit Tests

Sprint 2 User Stories

SRCX31 – Secure Passwords

Acceptance Criteria	Status	Associated Tests
Password stored in database with hash	✓- Passed	Unit Tests
Password correctly encrypts and decrypts to proper value	✓- Passed	Unit Tests

SRCX25 – Company Contact Information

Acceptance Criteria	Status	Associated Tests
Must be accessible from home page	✓- Passed	SRCX25-ManualTest-01
Must fit styling of other pages	✓- Passed	SRCX25-ManualTest-01

SRCX37 – Company About Page

Acceptance Criteria	Status	Associated Tests
Must be accessible from home page	✓- Passed	SRCX37-ManualTest-01
Must fit styling of other pages	✓- Passed	SRCX37-ManualTest-01

SRCX28 – Customer FAQ Page

Acceptance Criteria	Status	Associated Tests
Must be accessible from home page	✓- Passed	SRCX28-ManualTest-01
Must fit styling of other pages	✓- Passed	SRCX28-ManualTest-01

Manual Test Scripts

<table>
<tr><td colspan="4" align="center">Bobs Package Delivery Test Script</td></tr>
<tr><td>Project ID</td><td colspan="3">On the Spot Couriers Website Release 1</td></tr>
<tr><td>AUT Title</td><td>On the Spot Couriers Website</td><td>Version</td><td>v1.0</td></tr>
<tr><td>Iteration</td><td>01</td><td>Date of Test</td><td>22/09/2016</td></tr>
</table>

<table>
<tr><td>Test ID</td><td>SRCX35-ManualTest-01</td></tr>
<tr><td>Purpose of Test</td><td>To verify that the SRCX5 deliverable satisfies the user acceptance criteria</td></tr>
<tr><td>Test Environment</td><td>The test environment is as follows:

• Client Hardware: Dell XPS 13 Laptop
• Website: onthespotdelivery.herokuapp.com/</td></tr>
<tr><td>Test Steps</td><td>The tester should:

• Navigate to website onthespotdelivery.herokuapp.com/ in browser</td></tr>
<tr><td>Expected Result</td><td>On completing the above steps, the home page of On the Spot Couriers should be displayed;

• Verify that a navigation bar is present with links to other locations
• Verify that a banner is present which states the purpose of the website
• Verify the appearance of the website matches the appearance in Figure 2 – Home Page.</td></tr>
</table>

<table>
<tr><td>Test ID</td><td>SRCX36-ManualTest-01</td></tr>
<tr><td>Purpose of Test</td><td>To verify that the SRCX36 deliverable satisfies the user acceptance criteria</td></tr>
<tr><td>Test Environment</td><td>The test environment is as follows:

• Client Hardware: Dell XPS 13 Laptop
• Website: onthespotdelivery.herokuapp.com/</td></tr>
</table>

Test Steps	The tester should:
	• Navigate to website onthespotdelivery.herokuapp.com/ in browser • Click Log in, located in the top banner
Expected Result	On completing the above steps, the Log In Page of On the Spot Couriers should be displayed; • Verify that the page loads without error • Verify that a Login page is visible with form that prompts the user for an email and password • Verify the appearance of the website matches the appearance in Figure 3 - Login Page

Test ID	SRCX25-ManualTest-01
Purpose of Test	To verify that the deliverables for user story SRCX25 satisfies the user acceptance criteria
Test Environment	The test environment is as follows: • Client Hardware: Dell XPS 13 Laptop • Website: onthespotdelivery.herokuapp.com/
Test Steps	The tester should: • Navigate to website onthespotdelivery.herokuapp.com/ in browser • Click Contact Us, located in the top banner
Expected Result	On completing the above steps, the Contact Us Page of On the Spot Couriers should be displayed; • Verify that the webpage loads without error • Verify that the styling of the webpage fits the overall style of the website • Verify the appearance of the website matches the appearance in Figure 4 - Contact Us Page

Test ID	SRCX37-ManualTest-01
Purpose of Test	To verify that the deliverables for user story SRCX37 satisfies the user acceptance criteria
Test Environment	The test environment is as follows: • Client Hardware: Dell XPS 13 Laptop • Website: onthespotdelivery.herokuapp.com/

Test Steps	The tester should: • Navigate to website onthespotdelivery.herokuapp.com/ in browser • Click About Us, located in the top banner
Expected Result	On completing the above steps, the About Us Page of On the Spot Couriers should be displayed; • Verify that the webpage loads without error • Verify that the styling of the webpage fits the overall style of the website • Verify the appearance of the website matches the appearance in Figure 5 - About Us Page

Test ID	SRCX28-ManualTest-01
Purpose of Test	To verify that the deliverables for user story SRCX28 satisfies the user acceptance criteria
Test Environment	The test environment is as follows: • Client Hardware: Dell XPS 13 Laptop • Website: onthespotdelivery.herokuapp.com/
Test Steps	The tester should: • Navigate to website onthespotdelivery.herokuapp.com/ in browser • Click FAQ, located in the top banner
Expected Result	On completing the above steps, the FAQ Page of On the Spot Couriers should be displayed; • Verify that the webpage loads without error • Verify that the styling of the webpage fits the overall style of the website • Verify the appearance of the website matches the appearance in Figure 6 - FAQ page

Test ID	SRCX17-ManualTest-01
Purpose of Test	To verify that the deliverables for user story SRCX17 satisfies the user acceptance criteria
Test Environment	The test environment is as follows: • Client Hardware: Dell XPS 13 Laptop

	• Website: onthespotdelivery.herokuapp.com/

Test Steps	The tester should:
	
	• Navigate to website onthespotdelivery.herokuapp.com/ in browser
	• Click Log In, located in the top banner
	• Enter the following test account details:
	    • Email: test@test.com,
	    • Password: test
	• Click Log In
	• Click Place an Order located in the dashboard

Expected Result	On completing the above steps, the Order Page of On the Spot Couriers should be displayed; • Verify that the Online Order Page displayed after logging in • Verify that clicking the links to page worked • Verify that page contains form where customer can submit details relevant to the order • Verify the appearance of the website matches the appearance in Figure 7 – Create Order Page

Test ID	SRCX17-ManualTest-02
Purpose of Test	To verify that the deliverables for user story SRCX17 satisfies the user acceptance criteria. This test is dependent on and follows on from SRCX17-ManualTest-02.
Test Environment	The test environment is as follows: • Client Hardware: Dell XPS 13 Laptop • Website: onthespotdelivery.herokuapp.com/

Test Steps	The tester should:
	
	• Fill in the form with the following valid details:
	    • Number of Packages: 3
	    • Gross Weight: 2
	    • Pickup Time : 12:00
	    • Receiver Name: John Doe
	    • Receiver Street: 5 Test Street
	    • Receiver Suburb: Testville
	    • Receiver City: Brisbane
	    • Receiver Postcode: 4000
	    • Insurance: Check Yes
	• Click Create Order

Expected Result	On completing the above steps, the Order Page of On the Spot Couriers should be displayed;
	• Verify that confirmation dialog appears after clicking create order • Verify that confirmation dialog matches that in

Unit Test Procedure

All of the unit tests were written in Ruby and are executed using the rake test command from within the project directory. Figure 1 shows an example of the output after running these tests.

```
kirwan@kirwan-VirtualBox:~/git/ifb299-project$ rake test
Run options: --seed 63065

# Running:

. . . . . . . . . . . .

Finished in 9.362152s, 1.2818 runs/s, 4.4861 assertions/s.

12 runs, 42 assertions, 0 failures, 0 errors, 0 skips
```
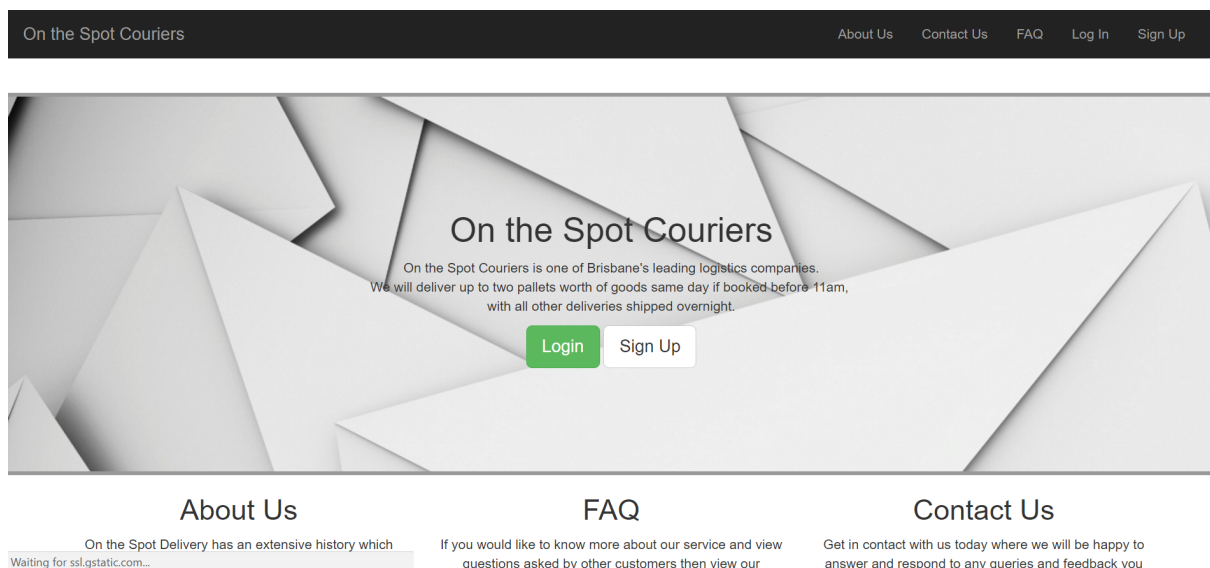
Figure 1 – Example Test Output

Screenshots

On the Spot Couriers   About Us   Contact Us   FAQ   Log In   Sign Up

On the Spot Couriers

On the Spot Couriers is one of Brisbane's leading logistics companies.
We will deliver up to two pallets worth of goods same day if booked before 11am,
with all other deliveries shipped overnight.

Login   Sign Up

About Us
On the Spot Delivery has an extensive history which
Waiting for ssl.gstatic.com...

FAQ
If you would like to know more about our service and view
questions asked by other customers then view our

Contact Us
Get in contact with us today where we will be happy to
answer and respond to any queries and feedback you

Figure 2 – Home Page

On the Spot Couriers   About Us   Contact Us   FAQ   Log In   Sign Up

Customer Log In

Email

Enter Email

Password

Enter Password

Log in

Figure 3 - Login Page

On the Spot Couriers   About Us   Contact Us   FAQ   Log In   Sign Up

Contact Us

Phone: (07) 1234 5678
Mobile: 04 1234 5678

Phone: (07) 1234 5678
Mobile: 04 1234 5678

Quotes: quotes@onthespotdelivery.com.au
Questions: enquiries@onthespotdelivery.com.au
Feedback: feedback@onthespotdelivery.com.au

Figure 4 - Contact Us Page

On the Spot Couriers   About Us   Contact Us   FAQ   Log In   Sign Up

About Us

Bill Wiley left DHL International in 2001, after a long and successful career, intent on creating his own courier company. Bill began by listing his mobile in the Yellow Pages and advertising in local newpapers. On The Spot couriers was born. Bill would receive pickup requests on his mobile, manually recording package information into a log, then personally collecting and delivering packages later in the day.

On The Spot expanded over the years. More drivers joined the business and the company acquired a central warehouse to process deliveries. On The Spot now boasts a team of over 30 drivers, and with our Next Day Delivery guarantee for the Brisbane area, and our 2 Day Delivery Promise to all Australian capital cities, On The Spot continues to live up to Bill's vision; "The Service of a Large Courier with the Personality of a Small one".

2016 marks a milestone for the On The Spot company, with the introduction of our brand new Website and Electronic Order Management, leading to more efficient courier delivery and
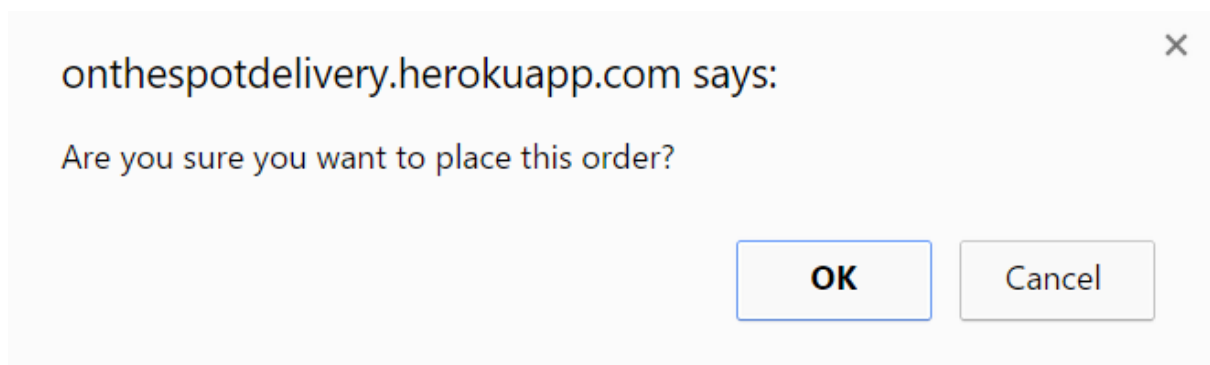
Figure 5 - About Us Page

Figure 6 - FAQ page

Figure 7 – Create Order Page

Figure 8 - Confirmation Dialog