Release and Sprint Plans

Team Number 52

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Version:

1.0

Date:

16/08/16

Table of Contents

Release Plan

Release 1

Delivery date: 22 September 2016   Total Story Points: 36

Release One will contain deliverables that set up the primary functionality of the package delivery service. This release focuses on developing the initial databases, and the functions that initially populate the database tables with information. These include Account management, customer ordering, order overview, contact information and the added feature of allowing multiple packages per delivery.

Account Management

The Account Management feature assigns roles and access permissions of staff and customers.

Story ID	Story Title	Story Points
S3	Assign Staff Access Privileges	4
S32	Create User Account	4
S10	Edit Account Details	4
S15	Encrypted Passwords	2
	Story Point Sub-Total:	14

Customer Ordering

This feature allows customers to place orders either through the web application or over the phone to ensure that On the spot can send a package to it's customer. This feature allows the business to

Story ID	Story Title:	Story Points
S7	Online Order Form	4
S18	Phone Order Form	2

	Story Point Sub-Total:	6

Order Overview

Each order will have a significant amount of specific information, and providing methods to store and view this data could be useful for various stakeholders and other components of the system.

Story ID	Story Title	Story Points
S16	View Order Information	2
S6	Update Order Information	4
	Story Point Sub-Total:	6

Contact Information

Provide customers with contact information.

Story ID	Story Title	Story Points
S24	Contact Details	2
	Story Point Sub-Total:	2

Multiple Package Orders

Provide customers with contact information.

Story ID	Story Title	Story Points
S13	Assign Multiple Packages per Order	2
S1	View Individual Package Information	2
S17	Update Individual Package Information	4
	Story Point Sub-Total:	8

Release 2

Delivery date: 20 October 2016   Total Story Points: 32

Release 2 will focus providing ways to view, edit and connect the information stored within the databases as well as extra miscellaneous functionality. These include delivery coordination, driver updates, Security and Customer records.

Delivery Coordination

This feature is to assign the delivery of multiple orders from the warehouse to a designated driver to maximise the efficiency of outgoing deliveries for a given delivery run. This reduces cost and time required for delivery.

Story ID	Story Title	Story Points
S4	Assign Order Deliveries	4
S25	Delivery Itinerary	4
	Story Point Sub-Total:	8

Driver Updates

This feature is to give drivers an interface to update order information as they complete delivery milestones.

Story ID	Story Title	Story Points
S34	Order Milestone Updates	8
	Story Point Sub-Total:	8

Customer Records

By recording and displaying customer information, various stakeholders can use this to facilitate further actions e.g. Confirming that a customer paid the correct amount of money.

Story ID	Story Title	Story Points
S12	Record Customer Payments	4
S2	View Payment Information	2
	Story Point Sub-Total:	6

Notifications

When deliveries achieve certain milestones the customer will both receive notifications and be able to look online to learn of their delivery status.

Story ID	Story Title	Story Points
S26	Order Status Tracking	2
S9	Receive Email Notifications	8
	Story Point Sub-Total:	10

Release 3

Delivery date: To Be Negotiated   Total Story Points: 14

Security

The system should have basic level of online security to prevent information theft, and malicious use of resources.

Story ID	Story Title	Story Points
S11	Human Verification	4
S5	Database Information Security	8
	Story Point Sub-Total:	12

Customer Feedback

Customers can provide feedback on business processes to help the company address problem areas.

Story ID	Story Title	Story Points
S28	Customer Feedback	2
	Story Point Sub-Total:	2

Release 4

Delivery date: To Be Negotiated   Total Story Points: 12

Loyalty Program

Coordinators should have the capabilities to offer customers special rates and priority upgrades to help maintain customer loyalty.

Story ID	Story Title	Story Points
S23	Special Offers	4
	Story Point Sub-Total:	4

Technical Support

The system should have special features added to give technical administration persons greater control over various aspects of the project.

Story ID	Story Title	Story Points
S14	Technical Support	8
	Story Point Sub-Total:	8

Delivery Schedule

Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Sprint 1 (25/08 to 08/09)		Sprint 2 (08/09 to 22/09)		Sprint 3 (22/09 to 06/10)		Sprint 4 (06/10 to 20/10)	
Release 1 - 22/09				Release 2 - 20/10			

Estimated Velocity: 20

Sprint Plan

Sprint 1

Total Story Points: 20
Total Hours: 82 Estimated

Current Velocity: = Estimated Velocity (20)

Account Management

Story 3: Assign Staff Access Privileges

Task ID	Task Description	Estimate	Taken
T1	Design web page UI to allow managers to create user accounts with staff roles.	4	
T2	Write test cases	4	
T3	Design and construct database table storing user information.	2	
T4	Write code to update database with information entered in UI.	2	
T5	Code client/server verification.	2	
T6	Verify Story (Acceptance Tests)	2	
Story Points: 4		Total Hours: 16	

Story 32: Create User Account

Task ID	Task Description	Estimate	Taken
T7	Design registration form and web page for customer registrations	4	
T8	Write test cases	4	
T9	Write client form and server verification code	4	
T10	Write code to update user information tables to	2	

Task ID	Task Description	Estimate	Taken
	accept		
T11	Update UI to notify user of account creation	2	
T12	Verify Story (Acceptance Tests)	2	
Story Points: 4		Total Hours: 18	

Story 10: Edit Account Details

Task ID	Task Description	Estimate	Taken
T13	Create web UI to allow give account holders the ability to edit account details.	4	
T14	Write test cases	4	
T15	Write code to modify database on form submission.	2	
T16	Write Client and Server verification.	2	
T17	Verify Story (Acceptance Tests)	2	
Story Points: 4		Total Hours: 14	

Story 15: Encrypt Passwords

Task ID	Task Description	Estimate	Taken
T18	Write code to encrypt user passwords	2	
T19	Write code to verify encrypted versions of login passwords match encrypted user passwords	4	
T20	Verify Story (Acceptance Tests)	2	
Story Points: 2		Total Hours: 8	

Customer Ordering

Story 7: Online Order Form

Task ID	Task Description	Estimate	Taken
T21	Create Order Page with a Form containing Order Information Fields	4	
T22	Write test cases	4	
T23	Design and Construct Order Information database Tables	2	
T24	Write server/client verification code.	2	
T25	Update database with form information	2	
T26	Setup UI notification system for order received	2	
T27	Verify Story (Acceptance Tests)	2	
Story Points: 4		Total Hours: 18	

Story 18: Phone Order Form

Task ID	Task Description	Estimate	Taken
T28	Create a staff only version order page similar to the customer online order, except that a user different to the currently logged in user can be specified as the customer.	2	
T29	Write test cases.	2	
T30	Write code to update database with form information.	1	

T31	Write server/client verification.	1	
T32	Verify Story (Acceptance Tests)	2	
Story Points: 2		Total Hours: 8	