

Release and Sprint Plans

Group 102

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Release Plan

Release 1

Delivery date: 17th September 2021

Total Story Points: 20

Provide an initial online ordering service so that customers may make purchases to increase revenue for the business while also accommodating for the increase of business by improving the information delivery system for orders, via providing order information for both employees and users. To allow the order creation and order information functionalities to be controlled, order management was also included.

Ordering Service

Users can order a package to be picked up and delivered

Story ID	Story Title	Story Points
S22	Submitting an order	2
S21	Requesting a quote	4
S24	Paying for an order	4
S19	Changing prices for deliveries	1
Story Point Sub-Total:		11

View Order Information

Users, both employee and customers, can access the information pertaining to orders

Story ID	Story Title	Story Points
S13	Display delivery details	2
S15	Viewing open orders	2
S01	View delivery status	1
S17	View packages ready for delivery	2
S12	Update Delivery Status	2
Story Point Sub-Total:		9

Release 2

Delivery date: 22nd October 2021

Total Story Points: 22

Provide an initial customer and employee account system so that customer questions and employee responses can be handled safely, securely, and in an organised manner. Additional package information was also provided to increase the throughput of packages by the delivery system employees to accommodate for further customer growth.

Account System

Provide an account system for users and employees with different levels/ roles of access.

Story ID	Story Title	Story Points
S25	Creating an account	1
S26	Logging into an account	1
S27	Changing password for an account	1
S34	Update personal information	1
S28	Changing access levels for accounts	2
S23	Adding Payment Methods	4
Story Point Sub-Total:		10

Query System

Customer questions, complaints and requests for support will be able to be sent to the company and received in an organized and sorted manner. Queries will be able to be responded to by employees.

Story ID	Story Title	Story Points
S02	Create Online Queries	1
S03	View Unresolved Queries	1
S09	Complaints and Support	1
S04	Respond To Online Queries	1
S05	Mark Queries as Resolved	1
Story Point Sub-Total:		5

Additional Employee Information

Provides additional information to employees to help manage staff and the packages they handle.

Story ID	Story Title	Story Points
S16	Expected Deliveries for Selected Dates	1
S18	Delivery Priority Details	2
S11	Generate Reports	4
Story Point Sub-Total:		7

Release 3

Delivery date: To Be Negotiated

Total Story Points: 11

Provide customers with an improved site experience. Includes expanding account abilities surrounding changing package and delivery details for users so that they do not have to fill out information that can be saved. Minor improvement to life features such as whether the courier service is available in their area, as well as allowing the creation of employee accounts from scratch by administrators.

Changing Delivery Details

Provide the ability for logged in customers to change their delivery details

Story ID	Story Title	Story Points
S19	Changing delivery dates	2
S32	Changing address after ordering	2
S33	Changing address	1
S35	Changing contact details on order	2
Story Point Sub-Total:		7

Service Availability

Provide the ability for customers to view availabilities of the service in the area. Allows for workers to update the availabilities of the services in new areas.

Story ID	Story Title	Story Points
S31	Setting service availabilities	1
S30	Viewing service availability	1
S29	Create Employee Accounts	2
Story Point Sub-Total:		4

Release 4

Delivery date: To Be Negotiated

Total Story Points: 10

Adds additional features to the customer communication such as a built-in chat that will reduce the time taken for customers to have their queries answered via automating certain questions. Allows feedback and reviews on the site so that the company can see what customers are thinking.

Communication System

Provide the ability for communication manager can optimize the communication flows

Story ID	Story Title	Story Points
S07	Built-in chat system	8
S08	Feedback and Reviews	1
S10	Communication Manager reviewing feedback	1
Story Point Sub-Total:		10

Delivery Schedule

Week 5 27 th August	Week 6 3 rd September	Week 7 10 th September	Week 8 17 th September	Week 9 24 th September	Mid-Sem Break	Week 10 8 th October	Week 11 15 th October	Week 12 22 nd October
Sprint 1		Sprint 2		Sprint 3		Sprint 4		
Release 1 17 th September				Release 2 22 nd October				

Sprint 5		Sprint 6			
Release 3		Release 4			

Estimated Velocity

2 weeks: (4 employees * 10 days) + (1 employee * 4 days) = 44 potential days

Initial Velocity is 1/3 of the available time: 1/3 of 44 = 15 Ideal Days

1 story point = 1 ideal day

Estimated velocity: 15

Sprint Plan

Sprint 1

Total Story Points: 11

Total Hours: 66

Current Velocity: *undefined*

Story 21: Requesting a quote

Task ID	Task Description	Estimate	Taken
T01	Create a "Get Quote" page with package, delivery and drop off details forms and 'Submit Quote' button	6	
T02	Write test cases	4	
T03	Add tables to database for package types, locations and distances	2	
T04	Insert existing business information regarding pricing into these tables	2	
T05	Write code to retrieve package size price information	1	
T06	Write code to retrieve pick-up and destination price information	1	
T07	Write code to generate quote price from gathered information	6	
T08	Verify story is complete (acceptance test)	1	
Story Points: 4		Total Hours:	23

Story 22: Submitting an order

Task ID	Task Description	Estimate	Taken
T09	Create "Send Parcel" Page with package details forms for delivery and contact details, and a confirm button	6	
T10	Write test cases	2	
T11	Add database table for orders	1	
T12	Write code to integrate existing quote generation algorithm to calculate the price	1	
T13	Write code to add new order to database	1	
T14	Verify story is complete (acceptance test)	1	
Story Points: 2		Total Hours:	12

Story 24: Paying for an order

Task ID	Task Description	Estimate	Taken
T15	Create a "Payment Option" page with a form for credit card details	4	
T16	Write tests cases	4	
T17	Write code to use card information and merchant account with bank to process payment	13	
T18	Create an order confirmed pop-up to provide confirmation	1	
T19	Verify story is complete (acceptance test)	1	
	Story Points: 4	Total Hours:	23

Story 19: Changing prices for deliveries

Task ID	Task Description	Estimate	Taken
T20	Create a "Change Price" page with a form for editing the courier charges and a password field	4	
T21	Write test cases	1	
T22	Write code for updating the courier charges on the database	1	
T23	Write code for accepting update when employee database password is entered	1	
T24	Verify story is complete (acceptance test)	1	
	Story Points: 1	Total Hours:	8

Sprint 2

Total Story Points: 9

Total Hours: 53

Current Velocity: *undefined*

Story 13: Display delivery details

Task ID	Task Description	Estimate	Taken
T25	Create a "Pending Deliveries" page that will display all the information that is an order delivery details	6	
T26	Write test cases	2	
T27	Write code to retrieve all delivery information for an order from the database from multiple tables	2	
T28	Verify story is complete (acceptance test)	1	
Story Points: 2		Total Hours:	11

Story 15: Viewing open orders

Task ID	Task Description	Estimate	Taken
T29	Create a "Pending Pickups" page that will display orders details and contain a form for specifying a pick-up date and time	6	
T30	Write test cases	2	
T31	Write code to retrieve open orders information from database	1	
T32	Write code to set a pick-up date and time for order in the database	2	
T33	Verify story is complete (acceptance test)	1	
Story Points: 2		Total Hours:	12

Story 01: View delivery status

Task ID	Task Description	Estimate	Taken
T34	Create a "Delivery Information page that will display an orders status with a form for the order Id	3	
T35	Write test cases	1	
T36	Write code to retrieve an orders status by its order ID	1	
T37	Verify story is complete (acceptance test)	1	
Story Points: 1		Total Hours:	6

Story 17: View packages ready for delivery

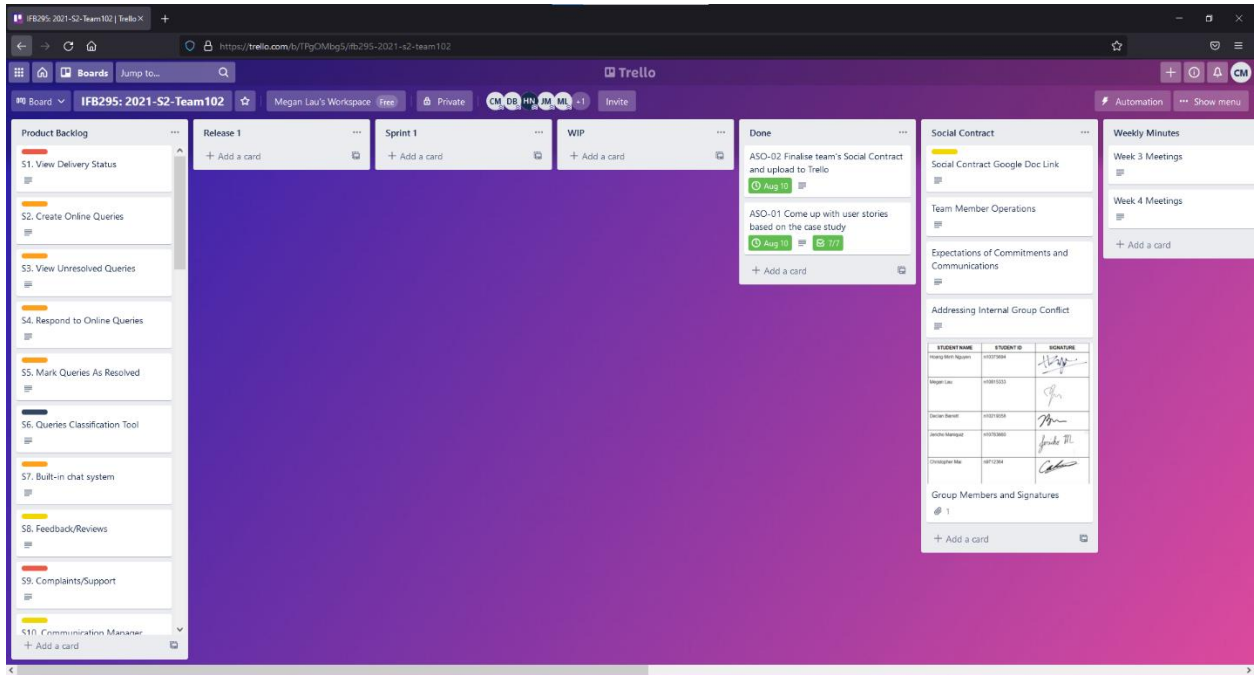
Task ID	Task Description	Estimate	Taken
T38	Create a notification that links to pending deliveries	1	
T39	Write test cases	2	
T40	Write code to send a notification to all delivery drivers' devices	3	
T41	Set-up all delivery drivers' devices	7	
T42	Verify story is complete (acceptance test)	1	
Story Points: 2		Total Hours:	14

Story 12: Update Delivery Status

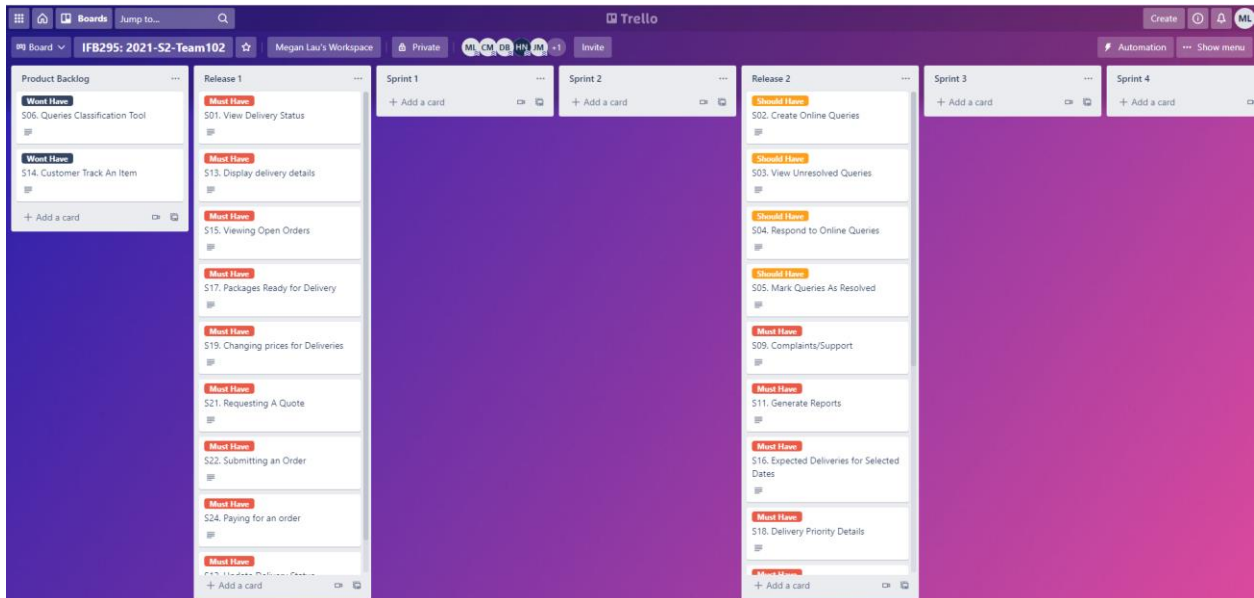
Task ID	Task Description	Estimate	Taken
T43	Create an "update status" page with a form for order id, status, and employee password	5	
T44	Write test cases	2	
T45	Write code to update the delivery status on order in database	1	
T46	Write code for accepting update when employee database password is entered	1	
T47	Verify story is complete (acceptance test)	1	
Story Points: 2		Total Hours:	10

Trello Organisation

Record user stories as cards and place them under product backlog.



Moving stories from product backlog into their respective releases.



Moving stories from a release into separate sprints.

