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 | Week 6 3 rd | Week 7 10 th | Week 8 17 th | Week 9 24 th | Mid-Sem Break | Week 10 8 th | Week 11 15 th | Week 12 22 nd |
|---|---------------------------|----------------------------|----------------------------|---------------------------------------|------------------|----------------------------|-----------------------------|-----------------------------|
| August | September | September | September | September | | October | October | October |
| Sprint 1 Sprint 2 | | Sprint 3 | | | Spri | nt 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 | | 6 | |
| | details forms and 'Submit Quote' button | | | |
| T02 | Write test cases | | 4 | |
| т03 | Add tables to database for package types, locations and | | 2 | |
| | distances | | | |
| т04 | Insert existing business information regarding pricing into these | | 2 | |
| | tables | | | |
| T05 | Write code to retrieve package size price information | | 1 | |
| т06 | Write code to retrieve pick-up and destination price information | | 1 | |
| Т07 | Write code to generate quote price from gathered information | | 6 | |
| Т08 | Verify story is complete (acceptance test) | | 1 | |
| | Story Points: 4 | Total Hours: | 23 | |

Story 22: Submitting an order

| Task ID | Task Description | | Estimate | Taken |
|---------|--|--------------|----------|-------|
| т09 | Create "Send Parcel" Page with package details forms for | | 6 | |
| | delivery and contact details, and a confirm button | | | |
| T10 | Write test cases | | 2 | |
| T11 | Add database table for orders | | 1 | |
| T12 | Write code to integrate existing quote generation algorithm to | | 1 | |
| | calculate the price | | | |
| 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 | | 4 | |
| | details | | | |
| T16 | Write tests cases | | 4 | |
| T17 | Write code to use card information and merchant account | | 13 | |
| | with bank to process payment | | | |
| 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 | | 4 | |
| | courier charges and a password field | | | |
| 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 | | 1 | |
| | password is entered | | | |
| T24 | Verify story is complete (acceptance test) | | 1 | |
| | Story Points: 1 | Total Hours: | 8 | |

Sprint 2

Total Story Points: 9

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 | | 6 | |
| | information that is an order delivery details | | | |
| T26 | Write test cases | | 2 | |
| T27 | Write code to retrieve all delivery information for an order from | | 2 | |
| | the database from multiple tables | | | |
| 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 | | 6 | |
| | and contain a form for specifying a pick-up date and time | | | |
| Т30 | 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 | | 2 | |
| | database | | | |
| Т33 | 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 | | 3 | |
| | status with a form for the order Id | | | |
| 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 | |
| Т39 | 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, | | 5 | |
| | and employee password | | | |
| 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 | | 1 | |
| | password is entered | | | |
| 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.

| IFB295: 2021-S2-Team 102 Trello × + | | | | | | iie. | | | - a × |
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| 10 Board V IFB295: 2021-S2-Te: | am102 🌣 | | Free & Private | | ML +1 Invite | | | | # Automation *** Show menu |
| Product Backlog | Release 1 | | Sprint 1 | | WIP | | Done | Social Contract ···· | Weekly Minutes |
| S1. View Delivery Status | + Add a card | ٥ | + Add a card | 0 | + Add a card | a | ASO-02 Finalise team's Social Contract and upload to Trello () Aug 10 | Social Contract Google Doc Link | Week 3 Meetings |
| S2. Create Online Queries | | | | | | | ASO-01 Come up with user stories based on the case study | Team Member Operations | Week 4 Meetings |
| 53. View Unresolved Queries | | | | | | | O Aug 10 | Expectations of Commitments and Communications | + Add a card |
| S4. Respond to Online Queries | | | | | | | | Addressing Internal Group Conflict | |
| S5. Mark Queries As Resolved ■ | | | | | | | | FTDENT NAME STDENT Ø BEKKTJØE Haung Men Ngajon XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | |
| S6. Queries Classification Tool ₩ | | | | | | | | tecier barret 10211054 Mr- | |
| S7. Built-in chat system | | | | | | | | Group Members and Signatures | |
| S8, Feedback/Reviews ■ | | | | | | | | + Add a card | |
| S9. Complaints/Support ₽ | | | | | | | | | |
| S10. Communication Mananer + Add a card | | | | | | | | | , |

Moving stories from product backlog into their respective releases.

| III 🙆 🛄 Boards Jump to | ٩ | | | 🖬 Trello | | | | Create | 0 A ML |
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| ^{®¶} Board → IFB295: 2021-S2-Tea | am102 🏟 Megan Lau's Workspace | A Private | | 1) Invite | | | | # Automation ··· | Show menu |
| Product Backlog ···· | Release 1 | Sprint 1 | *** | Sprint 2 | | Release 2 | Sprint 3 ···· | Sprint 4 | |
| Went Line S06. Queries Classification Tool IF Wont Line S14. Customer Track An Item | Missi Ham 501. View Delivery Status Image: Comparison of the status Missi Hame 513. Display delivery details | + Add a card | 0.0 | + Add a card | 0 | Stocked Herer 502. Create Online Queries Stocked Herer 503. View Unresolved Queries. Stocked Stocked Stock | + Add a card 🛛 🗠 🕼 | + Add a card | |
| + Add a card 🛛 🕞 | Must Have S15. Viewing Open Orders | | | | | Should Have S04. Respond to Online Queries | | | |
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| | Must Have S19. Changing prices for Deliveries | | | | | Must Have S09. Complaints/Support | | | |
| | Must Have S21. Requesting A Quote | | | | | Must Have S11. Generate Reports | | | |
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| | Mast Nave S24. Paying for an order # | | | | | Must Have S18. Delivery Priority Details | | | |
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| Board V IFB295: 2021-S2-Tea | am102 🏠 Meg | an Lau's Workspace | Private | | a +1 Invite | | | | 9 Automation ··· Show menu | | |
| roduct Backlog ···· | Release 1 | | Sprint 1 | | Sprint 2 | Release 2 ···· | Sprint 3 | / | Sprint 4 | | |
| Wont Have 06. Queries Classification Tool # | + Add a card | | Must Have S21. Requesting A | Quote | Must Have S13. Display delivery details | Should Have S02. Create Online Queries | + Add a card | 0 0 | + Add a card | | |
| Vont Have 14. Customer Track An Item F | | | Must Have S22. Submitting an | Order | Must Have S17. Packages Ready for Delivery B | Should Hove S03, View Unresolved Queries | | | | | |
| Add a card 🛛 🕫 🛱 | | | Must Have S24. Paying for an i | order | Must Have S15. Viewing Open Orders | Studied Have S04. Respond to Online Queries | | | | | |
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Moving stories from a release into separate sprints.