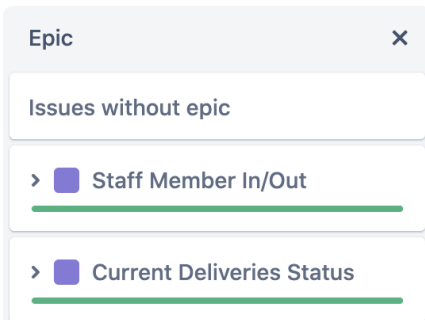


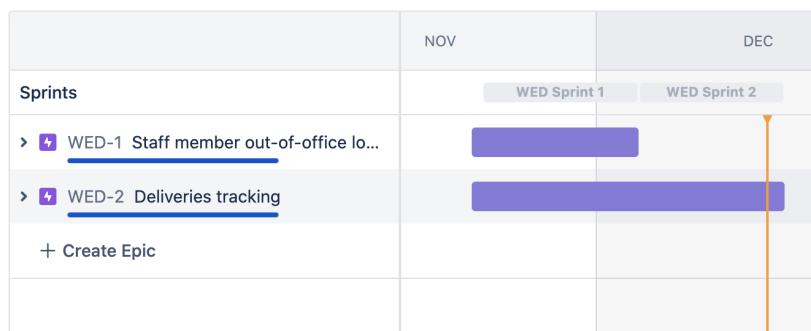
This project was planned and developed using Jira software and Scrum with a time-line of four weeks. I created two sprints which lasted two weeks each, and completed one Epic per sprint.

When I planned this project I started by identifying the main goals of the project, which I then decided were the Epics. I identified the Epics as the ability to keep track of their staff members (in/out of office) and the functionality to keep track of current deliveries.



When creating the stories for the project, I read through the customer's requests and identified what needed to be present for the users to accomplish their goals. The stories matched the three tables we were required to create: Staff Table, Schedule Deliveries Table, and a Current Deliveries Table. In order to satisfy the customer's needs I broke down each story into small issues, which told me what work needs to be done to ensure I fulfilled each functionality request. I attempted to create issues that solved a problem which was essential for the program to function correctly. The issues were small enough that I had one goal to achieve the issue, but big enough that I wasn't updating my project on Jira every time I wrote a line of code. I focused on the value that the project would deliver to the end user, and broke that value down into smaller, manageable chunks that I could tackle one at a time.

Roadmap at beginning:



I have attached screenshots of the backlog during sprint 1 below:

Projects / WeDeliverTech™ Project

Backlog

BB BB Epic Type Insights

Epic

Issues without epic

- Staff Member In/Out
- Current Deliveries Status

+ Create Epic

WP Sprint 1 21 Nov – 4 Dec (9 issues)

Receptionist can keep track of their staff members who have clocked out of the office.

0 0 0 Complete sprint

WP-5 Staff Table	STAFF MEMBER IN/OUT	TO DO	BB
WP-23 Get API information		TO DO	BB
WP-8 Display staff status in table		TO DO	BB
WP-10 Create digital clock		TO DO	BB
WP-6 Create Clock-out function		TO DO	BB
WP-7 Create Clock-in function		TO DO	BB
WP-9 Create staff absence calculator		TO DO	BB
WP-11 Create staff late toast notification		TO DO	BB
WP-14 Validate staff status information		TO DO	BB

+ Create issue

Epic

Issues without epic

- Staff Member In/Out
- Current Deliveries Status

+ Create Epic

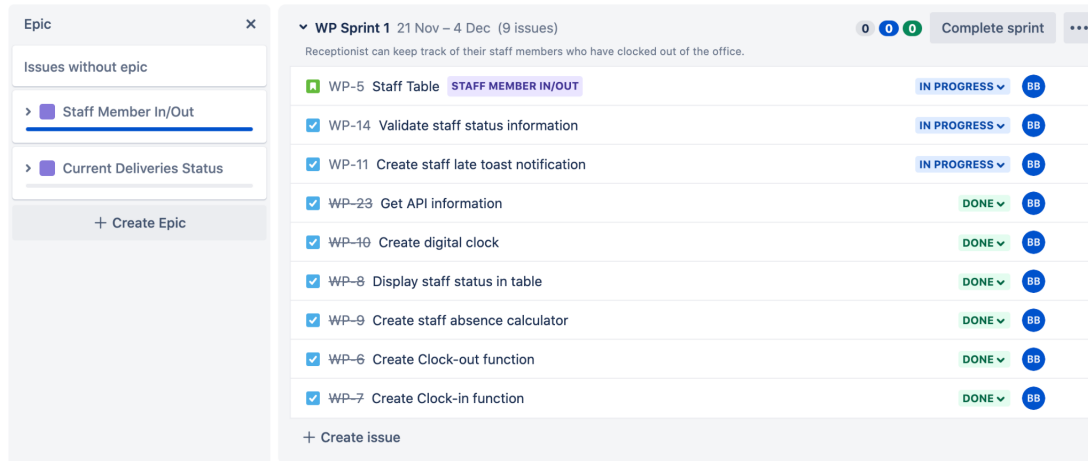
WP Sprint 1 21 Nov – 4 Dec (9 issues)

Receptionist can keep track of their staff members who have clocked out of the office.

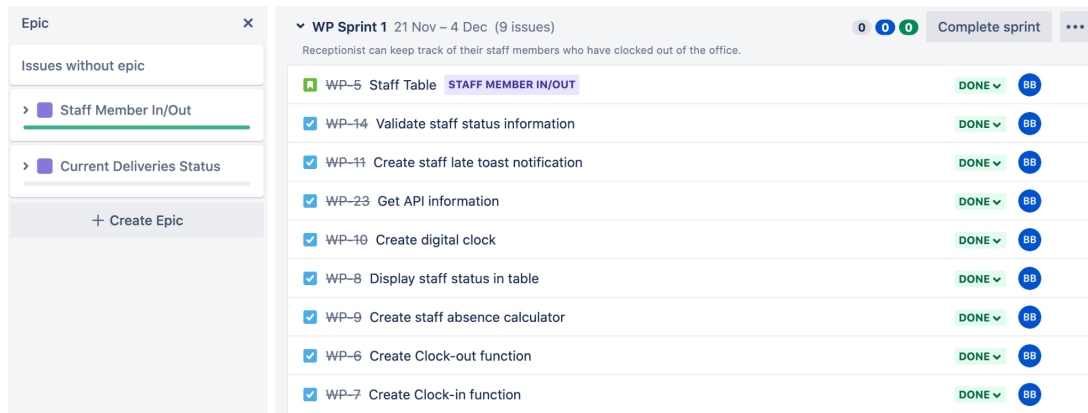
0 0 0 Complete sprint

WP-5 Staff Table	STAFF MEMBER IN/OUT	IN PROGRESS	BB
WP-23 Get API information		DONE	BB
WP-10 Create digital clock		DONE	BB
WP-8 Display staff status in table		IN PROGRESS	BB
WP-6 Create Clock-out function		TO DO	BB
WP-7 Create Clock-in function		TO DO	BB
WP-9 Create staff absence calculator		TO DO	BB
WP-11 Create staff late toast notification		TO DO	BB
WP-14 Validate staff status information		TO DO	BB

I first made an API request so I could populate the staff table. The digital clock was an easy, independent task. The digital clock was necessary to always show the receptionist the current time, and to update the staff member's clock-out time.



Once the staff members were present in the table it was important to create the clock-out function. As I created this function I made sure to complete validations, so the receptionist couldn't continue to update a staff member's staff if they entered the incorrect information.



While it did take time to perfect the staff member table it worked out well completing each issue in a certain logical order. I chose to completely finish the staff table before moving onto the delivery tables in order to keep track of the issue I'm working on, and so I wasn't overwhelmed with all of the issues I needed to solve. The last issue I solved during Sprint 1 was activating a toast notification if a staff member was late.

I have attached screenshots of the board during sprint 1 below:

Projects / WeDeliverTech™ Project

WP Sprint 1

Receptionist can keep track of their staff members who have clocked out of the office.

BB

Epic

Type

TO DO 9 ISSUES

Staff Table

STAFF MEMBER IN/OUT

WP-5

Get API information

WP-23

Display staff status in table

WP-8

Create digital clock

WP-10

Create Clock-out function

WP-6

Create Clock-in function

IN PROGRESS

DONE ✓

TO DO 5 ISSUES

Create Clock-out function

WP-6

Create Clock-in function

WP-7

Create staff absence calculator

WP-9

Create staff late toast notification

WP-11

Validate staff status information

WP-14

IN PROGRESS 2 ISSUES

Staff Table

STAFF MEMBER IN/OUT

WP-5

Display staff status in table

WP-8

DONE 2 ISSUES ✓

Get API information

WP-23 ✓

Create digital clock

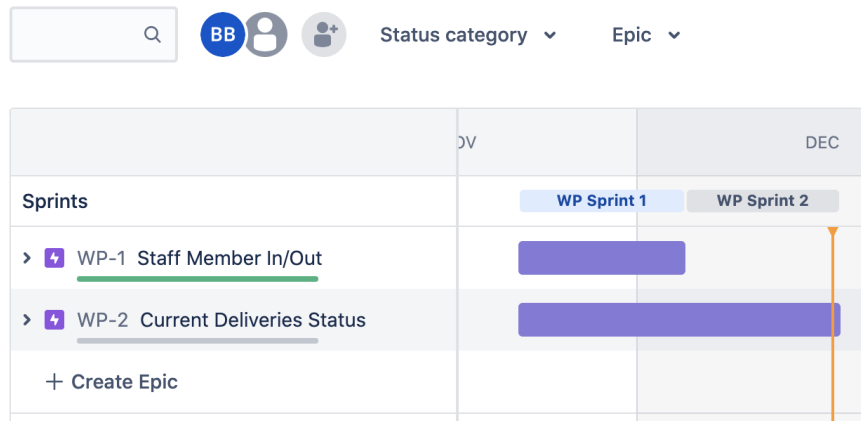
WP-10 ✓

<div>TO DO</div>	<div>IN PROGRESS 3 ISSUES</div> <div><div>Staff Table</div><div>STAFF MEMBER IN/OUT</div><div><div>WP-5</div><div>BB</div></div></div> <div><div>Validate staff status information</div><div><div>WP-14</div><div>BB</div></div></div> <div><div>Create staff late toast notification</div><div><div>WP-11</div><div>BB</div></div></div>
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I have attached the Roadmap after sprint 1 was completed below:

Projects / WeDeliverTech™ Project

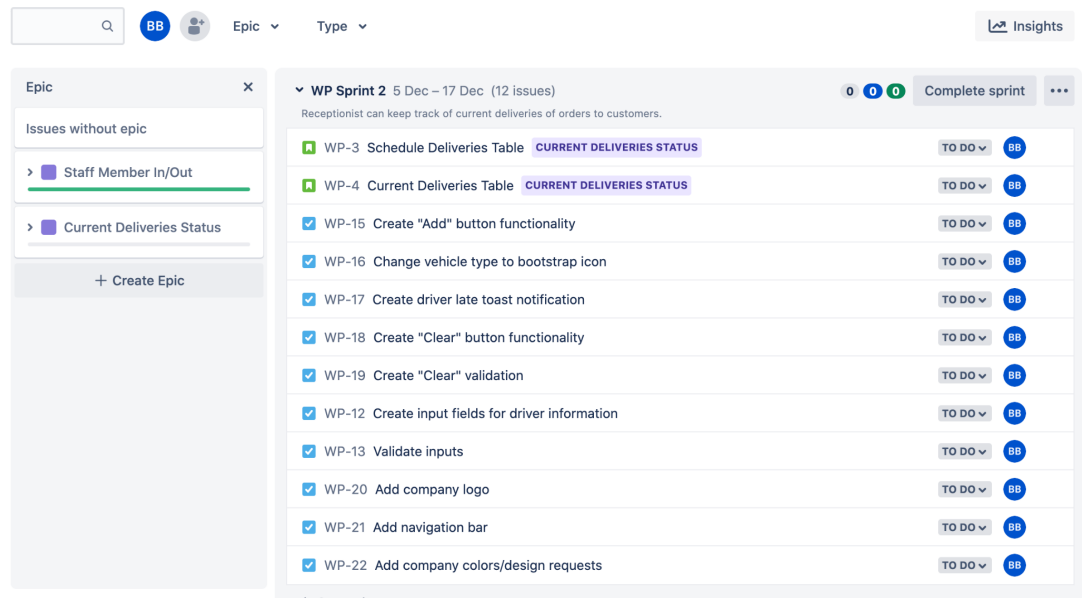
Roadmap



I have attached screenshots of the backlog during sprint 2 below:

Projects / WeDeliverTech™ Project

Backlog



<div>Epic</div> <div>Issues without epic</div> <div> <div>Staff Member In/Out</div> <div>Current Deliveries Status</div> </div> <div>+ Create Epic</div>	<div>WP Sprint 2 5 Dec – 17 Dec (12 issues)</div> <div>Receptionist can keep track of current deliveries of orders to customers.</div> <div> <div>WP-3 Schedule Deliveries Table CURRENT DELIVERIES STATUS</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-12 Create input fields for driver information</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-15 Create "Add" button functionality</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-22 Add company colors/design requests</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-4 Current Deliveries Table CURRENT DELIVERIES STATUS</div> <div>TO DO BB</div> </div> <div> <div>WP-16 Change vehicle type to bootstrap icon</div> <div>TO DO BB</div> </div> <div> <div>WP-17 Create driver late toast notification</div> <div>TO DO BB</div> </div> <div> <div>WP-18 Create "Clear" button functionality</div> <div>TO DO BB</div> </div> <div> <div>WP-19 Create "Clear" validation</div> <div>TO DO BB</div> </div> <div> <div>WP-13 Validate inputs</div> <div>TO DO BB</div> </div> <div> <div>WP-20 Add company logo</div> <div>DONE BB</div> </div> <div> <div>WP-21 Add navigation bar</div> <div>DONE BB</div> </div>
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The validated inputs from the “Schedule Delivery” table were essential for the “Delivery Board” to be updated, so the first issues I started with were to enter information into input fields, validate the information, then add it to the “Delivery Board.” Adding the company logo and navigation bar were independent tasks which were required to satisfy the customer, so I completed them before starting the tables.

<div>Epic</div> <div>Issues without epic</div> <div> <div>Staff Member In/Out</div> <div>Current Deliveries Status</div> </div> <div>+ Create Epic</div>	<div>WP Sprint 2 5 Dec – 17 Dec (12 issues)</div> <div>Receptionist can keep track of current deliveries of orders to customers.</div> <div> <div>WP-3 Schedule Deliveries Table CURRENT DELIVERIES STATUS</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-22 Add company colors/design requests</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-16 Change vehicle type to bootstrap icon</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-13 Validate inputs</div> <div>IN PROGRESS BB</div> </div> <div> <div>WP-4 Current Deliveries Table CURRENT DELIVERIES STATUS</div> <div>TO DO BB</div> </div> <div> <div>WP-17 Create driver late toast notification</div> <div>TO DO BB</div> </div> <div> <div>WP-18 Create "Clear" button functionality</div> <div>TO DO BB</div> </div> <div> <div>WP-19 Create "Clear" validation</div> <div>TO DO BB</div> </div> <div> <div>WP-20 Add company logo</div> <div>DONE BB</div> </div> <div> <div>WP-21 Add navigation bar</div> <div>DONE BB</div> </div> <div> <div>WP-12 Create input fields for driver information</div> <div>DONE BB</div> </div> <div> <div>WP-15 Create "Add" button functionality</div> <div>DONE BB</div> </div>
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Once I completed the “Add” functionality it was important I perfected the validation so the receptionist could not enter incorrect information into the “Delivery Board.” The customer requested the vehicle type entered as a Bootstrap icon, so I started to complete this task. I didn’t complete issue WP-16 until I validated the user had correctly entered “motorcycle” or “car.”

Epic

Issues without epic

> Staff Member In/Out

> Current Deliveries Status

+ Create Epic

WP Sprint 25 Dec – 17 Dec (12 issues)

000Complete sprint

Receptionist can keep track of current deliveries of orders to customers.

WP-4Current Deliveries TableCURRENT DELIVERIES STATUSIN PROGRESSBB

WP-19Create "Clear" validation+ EpicIN PROGRESSBB

WP-18Create "Clear" button functionalityIN PROGRESSBB

WP-17Create driver late toast notificationTO DOBB

WP-3Schedule Deliveries TableCURRENT DELIVERIES STATUSDONEBB

WP-20Add company logoDONEBB

WP-21Add navigation barDONEBB

WP-12Create input fields for driver informationDONEBB

WP-22Add company colors/design requestsDONEBB

WP-15Create "Add" button functionalityDONEBB

WP-16Change vehicle type to bootstrap iconDONEBB

WP-13Validate inputsDONEBB

Once the delivery drivers were successfully and correctly added to the “Delivery Board” I was able to begin working on the “Clear” functionality, and lastly the late driver toast notification.

Epic

Issues without epic

> Staff Member In/Out

> Current Deliveries Status

+ Create Epic

WP Sprint 25 Dec – 17 Dec (12 issues)

000Complete sprint

Receptionist can keep track of current deliveries of orders to customers.

WP-3Schedule Deliveries TableCURRENT DELIVERIES STATUSDONEBB

WP-4Current Deliveries TableCURRENT DELIVERIES STATUSDONEBB

WP-20Add company logoDONEBB

WP-17Create driver late toast notificationDONEBB

WP-19Create "Clear" validationDONEBB

WP-21Add navigation barDONEBB

WP-12Create input fields for driver informationDONEBB

WP-22Add company colors/design requestsDONEBB

WP-18Create "Clear" button functionalityDONEBB

WP-15Create "Add" button functionalityDONEBB

WP-16Change vehicle type to bootstrap iconDONEBB

WP-13Validate inputsDONEBB

I have attached screenshots of the board during sprint 2 below:

Projects / WeDeliverTech™ Project

WP Sprint 2

Receptionist can keep track of current deliveries of orders to customers.

BB

Epic

Type

TO DO 12 ISSUES

Schedule Deliveries Table

CURRENT DELIVERIES STATUS

WP-3

BB

Current Deliveries Table

CURRENT DELIVERIES STATUS

WP-4

BB

Create "Add" button functionality

WP-15

BB

Change vehicle type to bootstrap icon

WP-16

BB

Create driver late toast notification

IN PROGRESS

DONE ✓

TO DO 6 ISSUES

Current Deliveries Table

CURRENT DELIVERIES STATUS

WP-4

BB

Change vehicle type to bootstrap icon

WP-16

BB

Create driver late toast notification

WP-17

BB

Create "Clear" button functionality

WP-18

BB

Create "Clear" validation

WP-19

BB

IN PROGRESS 4 ISSUES

Schedule Deliveries Table

CURRENT DELIVERIES STATUS

WP-3

BB

Create input fields for driver information

WP-12

BB

Create "Add" button functionality

WP-15

BB

Add company colors/design requests

WP-22

BB

DONE 2 ISSUES

Add company logo

WP-20

BB

Add navigation bar

WP-21

BB

TO DO 4 ISSUES

Current Deliveries Table

CURRENT DELIVERIES STATUS

WP-4

BB

Create driver late toast notification

WP-17

BB

Create "Clear" button functionality

WP-18

BB

Create "Clear" validation

WP-19

BB

IN PROGRESS 4 ISSUES

Schedule Deliveries Table

CURRENT DELIVERIES STATUS

WP-3

BB

Add company colors/design requests

WP-22

BB

Change vehicle type to bootstrap icon

WP-16

BB

Validate inputs

WP-13

BB

DONE 4 ISSUES

Add company logo

WP-20

BB

Add navigation bar

WP-21

BB

Create input fields for driver information

WP-12

BB

Create "Add" button functionality

WP-15

BB

TO DO 1 ISSUE

Create driver late toast notification

WP-17

BB

IN PROGRESS 3 ISSUES

Current Deliveries Table

CURRENT DELIVERIES STATUS

WP-4

BB

Create "Clear" validation

WP-19

BB

Create "Clear" button functionality

WP-18

BB

DONE 8 ISSUES

Schedule Deliveries Table

CURRENT DELIVERIES STATUS

WP-3

BB

Add company logo

WP-20

BB

Add navigation bar

WP-21

BB

Create input fields for driver information

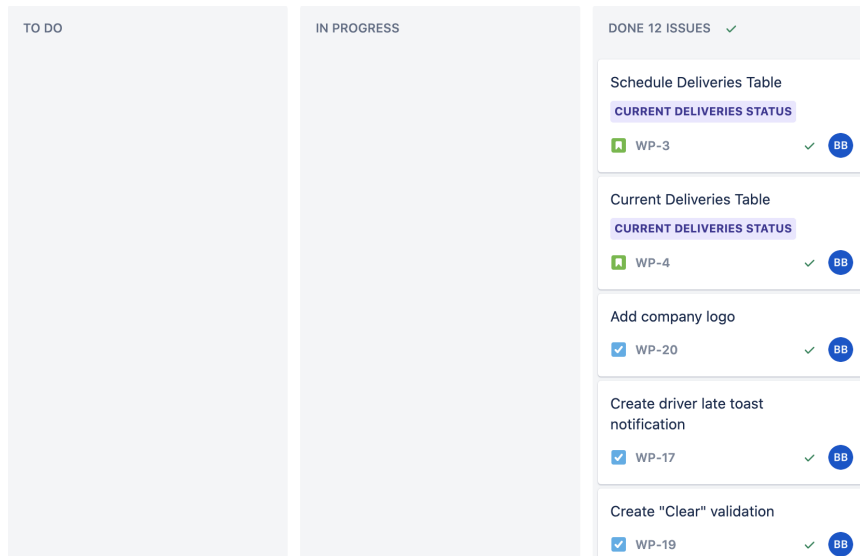
WP-12

BB

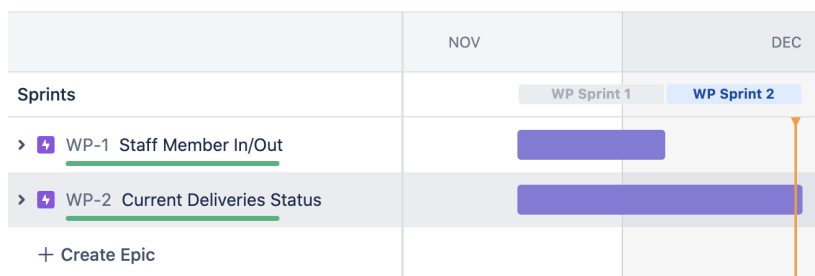
Add company colors/design requests

WP-22

BB



Roadmap at completion:



Sprint Reflection:

While deciding which issue to complete first I thought about what would be necessary to solve the following issues. For example, in order to check a staff member out of the office they must be present in the first place, so I should populate the staff table with staff members first. Once the staff members are present (their default status is "Checked-In") there must be a way to check them out before I can check them in again. Additionally, in order to validate an input, there must be an input to be validated. This is how I decided which order to solve the issues in.

Project Management:

I attempted to use Object Oriented Programming in order to write code that is reusable, easy to maintain, further develop, and test. This is something that challenged me, because I could easily update a staff member in the table, but it was an extra step to update the object as well. I always focused on small issues instead of the entire task in order to efficiently complete the entire project. Overall I felt I progressed smoothly through the project.

