

Product Items Delivery Management System for OCADO Company

Weekday-ITP2021_S2_B01_G04



Supply Management- IT20187828

Isurika M.D.A

User Story 01 :

As a supplier I need to login to the system so that I can insert, update or delete my items.

User Story 02 :

As a supply management admin, I need to look for different categories of products so that I can choose products what I want.



Admin Panel Management - IT20085094

Epitawatta E.A.E.K

User Story 01 :

As an admin I want to insert ,delete and update other admins so that I can easily manage this delivery software on my own.

User Story 02 :

As an admin I need to handle inventory list we have so that I can display goods we are delivering for the buyer and the buyer can easily order the order by looking at the list.



Delivery Management - IT20157500

Kandanaarachchi H.L.D.S

User Story 01 :

As an unregistered driver, I want to engage with the company as a permanent driver. After engaging, I want to see the pending orders to be delivered, so I can deliver the items.

User Story 02 :

As a buyer I need to track the status of the order, So I can get an idea of the estimated time of delivery.



Feedback Management – IT20163754

Mandalawatta M.T

User Story 01 :

As a buyer (Shop owner) , I want to see which product is best among other products so that I can buy best rated and best-selling product without hesitate about it

User Story 02 :

As a buyer (Shop owner), I want to open a ticket which is based on my payment, delivery issues so that if I got problem I can directly connect with company.



Warehouse Management– IT20115548

Jinadasa U.G.O

User Story 01 :

As a warehouse admin, I need to be able to look for information about all products available in the warehouse, so that I can call for a delivery when the products are ready

User Story 02 :

As a warehouse admin, I need to search the product history by entering product id, so that I can track the product whether it is dispatched successfully or not.



Buyer Management - IT20074654

Fernando W.A.M.A.R

User Story 01 :

As a buyer (Shop owner), I want to login to the system by using the credentials so that I can place orders by using add to cart.

User Story 02 :

As a buyer admin, I want to handle all the registered buyers by insert, delete or update so that I can generate the report according to the buyer's behaviours.



Payment and Financial Management - IT20174330

Jayawardane W.M.A.V

User Story 01 :

As a buyer (shop owner), I need to enter my business credentials in order to create the transaction, then after validation, enter card details to finish the payment.

User Story 02 :

As a Supplier, I should be able to see my past transactions and see a statistical report on payments.



Return & Refund Management - IT20120016

Amarasinghe B.P.A

User Story 01 :

As a buyer (shop owner) I need to request for return or exchange the product items so that I can return the damaged product items to the warehouse.

User Story 02 :

As a return and refund admin I need to create a monthly report so that I can insert return product details, refund details and exchange product item details and update and delete that details.





Product Backlog



Product Backlog

ID	User Story	Estimate (Hours)	Priority
A01	As an admin I need to register to the system so that I can get authorization to the system.		1
A02	As an admin I need to login to the system by using admin id and password as credentials so that I can enter to the admin dashboard.		2
A03	As an admin I need to insert, update and delete the other admins who are using the system so that I can manage the admin panel.		3
A04	As an admin I need to add product item which is outstanding for the buyer interface so that I can manage the inventory by update and delete.		10
A05	As an admin I need to handle the news feeds section by adding news so that I can easily manage the news feeds by update and delete.		59
A06	As an admin I need to create a search function so that I can search item code and supply id through the database.		60
A07	As an admin I need to generate a monthly report for product item list so that I can get all the details about product items.		61

Product Backlog

ID	User Story	Estimate (Hours)	Priority
B01	As a registered buyer (shop owner), I need to login to the system by using credentials as username and password so that I can view and use the web application easily.	5	11
B02	As an unregistered buyer (shop owner), I need to register to the system by giving the buyer details so that I can manage the buyer account by inserting, updating or deleting.	6	12
B03	As a buyer (shop owner), I need to place an order by using the shopping cart option so that I can chose the given product items by using preferred quantity and also will I can change the quantity or delete the product item.	10	13
B04	As a buyer admin, I need to mange all the buyer details and add to cart details so that I can update or delete the entered details.	5	14
B05	As a buyer admin, I need to create a search function so that I can search any buyer details through the database by using buyer id, register id and cart id.	7	15
B06	As a buyer admin, I need to generate a monthly report so that I can I get all the login details, registration details and cart details.	6	16

Product Backlog

ID	User Story	Estimate (Hours)	Priority
P01	As a buyer, I want to enter my credentials for payments.	6	17
P02	As a Payment Manager, I will receive the data and insert them into the database.	6	18
P03	As a buyer, I want to read, update, and delete my data in the checkout confirmation page.	6	19
P04	As a buyer, I want to enter my card details into the form.	6	20
P05	As a payment admin , I will verify the details via the buyer's registered email.	24	21
P06	As a payment admin, I will pass the verified bill for delivery manager, buyer, supplier, and the administrator.	10	22
P07	As a financial manager, I will arrange the salaries of the drivers.	10	23
P08	As buyers, suppliers, drivers, they will search their transactions by the transaction ID.	15	24
P09	As a financial manager, I want to read, update, delete other users' transactions.	15	25
P10	As a financial manager, I will generate a monthly report for examination.	15	26

Product Backlog

ID	User Story	Estimate (Hours)	Priority
W01	As a warehouse admin, I need to log in to the warehouse dashboard, so that I can manage the warehouse efficiently.	10	32
W02	As a warehouse admin, I need to be able to look for information about all the orders that have been received, so that I can notify my employees for preparation.	15	33
W03	As a warehouse admin, I need to store information about received products to the warehouse, so that I can have a receipt for product recipience.	15	34
W04	As a warehouse admin, I need to be able to look for information about all products available in the warehouse, so that I can call for a delivery when the products are ready.	10	40
W05	As a warehouse admin, I need to store information about departed packages from the warehouse, so that I can have proof about package departure.	15	41
W06	As a warehouse admin, I need to generate a report about what are the successfully departed packages from the warehouse, so that I can review the warehouse efficiency.	15	42
W07	As a warehouse admin, I need to search the product history by entering product id, so that I can track the product whether it is dispatched successfully or not.	20	43

Product Backlog

ID	User Story	Estimate (Hours)	Priority
S01	As a supplier, I need to register to the system so that I can get the authorization to the system.	6	6
S02	As a supplier, I need to login to the system so that I can insert, update or delete my items.	5	7
S03	As a supplier, I need to view my orders so that I can accept or reject orders.	5	8
S04	As a supplier, I need to view my profile so that I can update my profile details.	4	9
S05	As a supply admin, I need to view all the product items so that I can handle them easily.	6	27
S06	As a supply admin, I need to look for different categories of products so that I can choose products what I want.	5	28
S07	As a supply admin, I need to have a summary of all the orders around 24 hours so that I can easily assign them to suppliers.	7	29
S08	As a supply admin, I need to view supplier information so that I can send them emails.	4	30
S09	As a supply admin, I need to monthly generate a report on summary of orders so that I can get an idea about our supplier chain.	6	31

Product Backlog

ID	User Story	Estimate (Hours)	Priority
D01	As an unregistered driver, I want to engage with the company as a permanent driver.	6	4
D02	As a driver I want to register my vehicle with the company, so that I can deliver packages with my own vehicle.	6	5
D03	As the delivery management admin, I want to see the attendance of drivers so that I can easily assign them to daily deliveries.	6	35
D04	As a driver, I want to login to my profile, so that I can see the pending orders to be delivered, so I can deliver them.	10	36
D05	As a buyer I need to track the status of the order, So I can get an idea of the estimated time of delivery.	6	37
D06	As the delivery management admin, I want to search driver details by their ID, so that I can Manage their event details.	10	38
D07	As the delivery management admin, I want to generate, daily and monthly report about delivered packages so that I can Keep track of delivered packages.	10	39

Product Backlog

ID	User Story	Estimate (Hours)	Priority
R01	As a buyer (shop owner) I need to login for return or exchange page by giving credentials as order id and email so that I can redirect to the request returning form.	5	44
R02	As a buyer (shop owner) I need to request from the warehouse by giving the reasons for returning or exchange product items so that I can view and update order details, product details and delivery details.	6	45
R03	As a buyer (shop owner) I need to cancel the request of return or exchange so that I can delete the return request details through the system.	5	46
R04	As a return and refund admin I need to pay back to the buyer so that I can edit, update or delete the refunding details.	4	47
R05	As a return and refund admin I need to return or exchange the warehouse product items to the supplier so that I can change the damaged items and edit or delete the request.	4	48
R06	As a return and refund admin I need to create a search function so that I can search all the return and refund details using return ID and refund ID.	8	49
R07	As a return and refund admin I need to generate monthly report so that I can get all the details about return and refund.	5	50

Product Backlog

ID	User Story	Estimate (Hours)	Priority
F01	As an admin, I need to know customer feedback of each product so that I can analyse which product is better to buy big amount than products with less buyer rating.	15	51
F02	As a buyer, I need to know which product has good and bad feedback so that I can easily made my decision.	10	52
F03	As a buyer, I need to update (edit) feedback which I created so that if anything goes wrong, I can change it.	15	53
F04	As a buyer, I need to delete feedback which I created so that if I feel it is annoying for other customers.	10	54
F05	As a buyer, I need to open a ticket so that if I faced any issue during the payment or delivery period, I could contact company easily.	15	55
F06	As a buyer, I need to see what going on my ticket status so that I can keep in touch with my issue.	10	56
F07	As an admin, I need to update ticket details which was created by buyer so that I can keep him/her update with the issue.	20	57
F08	As an admin, I need to delete ticket after customer confirm his/her issue was resolved so that I can work with other pending issues.	10	58
F09	As a buyer, I need to know which products are best based on other buyers' feedback so that I can buy product without hesitate.	20	59

Sprint Backlog 1



Starting date : 26.07.2021



Sprint Backlog - 1

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
01	An admin registration, login, account management and inventory creation.	A01	As an admin I need to register to the system so that I can get authorization to the system.	94
		A02	As an admin I need to login to the system by using admin id and password as credentials so that I can enter to the admin dashboard.	
		A03	As an admin I need to insert, update and delete the other admins who are using the system so that I can manage the admin panel.	
		A04	As an admin I need to add product item which is outstanding for the buyer interface so that I can manage the inventory by update and delete.	
02	Buyer registration, login and account handling.	B01	As an unregistered buyer (shop owner), I need to register to the system by giving the buyer details so that I can manage the buyer account by inserting, updating or deleting.	75
		B02	As a registered buyer (shop owner), I need to login to the system by using credentials as username and password so that I can view and use the web application easily.	
		B03	As a buyer (shop owner), I need to place an order by using the shopping cart option so that I can chose the given product items by using preferred quantity and also at will I can change the quantity or delete the product item.	

Sprint Backlog - 1

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
03	Buyers' payment management and verification.	P01	As a buyer, I want to enter my credentials for payments.	60
		P02	As a Payment Manager, I want to receive the data and insert them into the database.	
		P03	As a buyer, I want to read, update, and delete my data in the checkout confirmation page.	
		P04	As a buyer, I want to enter my card details into the form.	
		P05	As a payment manager, I want to use the buyers registered email so that I can verify the details.	
		P06	As a Payment Manager, I want to pass the verified bill for delivery manager, buyer, supply manager, and the admin.	
04	Supplier registration, login, account management and order handling.	S01	As a supplier I need to register to the system so that I can get the authorization to the system.	66
		S02	As a supplier I need to login to the system so that I can insert, update or delete my items.	
		S03	As a supplier I need to view my profile so that I can update my profile details.	
		S04	As a supply management admin, I need to view all the product items so that I can handle them easily.	
		S05	As a supply management admin, I need to have a summary of all the orders around 24 hours so that I can easily assign them to suppliers.	
		S06	As a supplier I need to view my orders so that I can accept or reject orders.	
		S07	As a supply management admin, I need to view supplier information so that I can send them emails.	

Sprint Backlog - 1

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
05	Warehouse management.	W01	As a Warehouse Manager, I want to be able to look for information about all the orders that have been received, so that I can notify my employees for preparation.	52
		W02	As a Warehouse Manager, I want to store information about received products to the warehouse, so that I can have a receipt for product recipience.	
		W03	As a Warehouse Manager, I want to be able to look for information about all products available in the warehouse, so that I can call for a delivery when the products are ready.	
		W04	As a Warehouse Manager, I want to store information about departed packages from the warehouse, so that I can have proof about package departure.	
		W05	As a Warehouse Manager, I want to search the product history by entering product ID, so that I can track the product whether it is dispatched successfully or not.	
		W06	As a Warehouse Manager, I want to generate a report about what are the successfully departed packages from the warehouse, so that I can review the Warehouse efficiency.	

Sprint Backlog - 1

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
06	Driver and vehicle registration, driver login and delivery handling.	D01	As an unregistered driver, I want to engage with the company as a permanent driver.	73
		D02	As a driver I want to register my vehicle with the company, so that I can deliver packages with my own vehicle.	
		D03	As the delivery management admin, I want to see the attendance of drivers so that I can easily assign them to daily deliveries.	
		D04	As a driver, I want to login to my profile, so that I can see the pending orders to be delivered, so I can deliver them.	
		D05	As a buyer I need to track the status of the order, So I can get an idea of the estimated time of delivery.	
07	Buyers' return and exchange handling.	R01	As a buyer (shop owner) I need to login for return or exchange to delivered product items using order ID and Email so that I can move to the request returning form.	60
		R02	As a buyer (shop owner) I need to request for return or exchange the delivered product items to the warehouse so that I can view order details, product details and delivery details.	
		R03	As a buyer (shop owner) I need to cancel for return or exchange request so that I can update or delete the return request table in the system.	

Sprint Backlog - 1

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
08	Buyer feedback handling.	F01	As an admin, I need to know buyer feedback of each product so that I can analyze which product is better to buy big amount than products with less buyer rating.	50
		F02	As a buyer, I need to know which product has good and bad feedback so that I can easily made my decision.	
		F03	As a buyer, I need to update (edit) feedback which I created so that if anything goes wrong, I can change it.	
		F04	As a buyer, I need to delete feedback which I created so that if I feel it is annoying for other customers.	

Sprint Backlog - 1

Tasks of an admin registration, login, account management and inventory creation.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
01	An admin registration, login, account management and inventory creation.	A01, A02, A03, A04	94
	Create database using MongoDB.		
	Set up the frontend and backend environment.		
	Develop the backend for registration and login forms.		8
	Create a login page and registration page using react.js.		7
	Develop the forget password as an update		8
	Create the admin dashboard page.		8
	Develop the insert, read, update and delete crud operation for admin insertion.		16
	create admin insertion page, Admin details page.		15
	Develop the insert, read, update and delete crud operation for inventory insertion.		16
	create inventory insertion page, inventory details page.		16

Sprint Backlog - 1

Tasks of buyer registration, login and account handling.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
02	Buyer registration, login and account handling.	B01, B02, B03	75
	Set up for the frontend environment		
	We use MERN Stack(React, Node JS, Express) for developing the buyer interfaces and Create a database by using the Mongo DB.		
	In the database, create the tables of registration table and add to cart table		4
	Create the home page in the application		6
	Develop the about us details, contact us details and application policy details in the home page		4
	Create a login page		6
	Develop the reset password as an update		5
	Create a registration form		6
	Develop the update and delete function in registration form		7
	Create a user profile page to retrieve the entered details.		7
	Create add to cart page		10
	Develop the insert, update and delete functions for the add to cart page.		12
	Develop a validation for login page, registration page and add to cart page .		8

Sprint Backlog - 1

Tasks of buyers' payment management and verification.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
03	Buyers' payment management and verification.	P01, P02, P03, P04, P05, P06	60
	Sketch the frontend UI		
	Use MERN Stack (React, Node JS, Express) for developing the payment interfaces		
	Create a database by using the Mongo DB		
	In the database, create tables for payment information, card information and the final bill.		5
	Create a login page for payment manager to access the database.		5
	Develop the update function for the database		5
	Create a form for payment information.		5
	Develop a confirmation checkout window for the user to read, update, or delete data.		5
	Create a form for card information.		5
	Develop a card validation process through buyer's email.		10
	Develop validations for payment manager login page, payment information page, card details page and email verification window.		15
	Create an offshore database to store and pass the paid bill for the buyer, supplier and driver.		5

Sprint Backlog - 1

Tasks of Supplier registration, login, account management and order handling.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
04	Supplier registration, login, account management and order handling.	S01, S02, S03, S04, S05, S06, S07	66
	Create database using MongoDB.		
	Set up backend and frontend environment.		
	Implement registration form.		5
	Implement login page.		3
	Implement validation for login.		8
	Create inventory pages to adding suppliers' product items.		8
	Implement CRUD functions in inventory.		10
	Create the supplier profile page.		5
	Implement CRUD for supplier profile.		10
	Implement a form to insert order details during 24 hours' time period.		7
	Implement CRUD for order assigning.		10

Sprint Backlog - 1

Tasks of Warehouse management (Backend Development)

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
05	Warehouse management.	W01, W02, W03, W04, W05, W06	52
	Set up the backend environment.		2
	Create Admins collection.		3
	Create APIs for Create, Read, Update and Delete in Admins collection.		7
	Create Arrivals collection.		2
	Create APIs for Create, Read, Update and Delete in Arrivals collection.		7
	Create Storage collection.		3
	Create APIs for Create, Read, Update and Delete in Storage collection.		7
	Create Departures collection.		3
	Create APIs for Create, Read, Update and Delete in Departures collection.		7
	Create Packages collection.		2
	Create APIs for Create, Read, Update and Delete in Packages collection.		7
	Backend testing using postman.		2

Sprint Backlog - 1

Tasks of Driver and vehicle registration, driver login and delivery handling.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
06	Driver and vehicle registration, driver login and delivery handling.	D01, D02, D03, D04, D05	73
	Create driver registration form and vehicle registration form.		8
	Create documents page for store driver documents and vehicle documents.		4
	Create vehicle details page with Update and Delete functions.		4
	Create driver login page.		4
	Implement validation to driver login page.		4
	Create driver profile page with CRUD operations.		8
	Create delivery details page with Update and Delete functions.		8
	Create driver Attendance page.		4
	Create page for assigning drivers to daily deliveries.		6
	Create page for track the delivery.		10
	Create page for calculate the delivery distance and delivery charges.		8
	Create delivered bill submission page.		5

Sprint Backlog - 1

Tasks of buyers' return and exchange handling

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
07	Buyers' return and exchange handling	R01, R02, R03	60
	Set up for the frontend environment		
	We use MERN Stack(React, Node JS, Express) for developing the buyer interfaces		
	Create a database by using the Mongo DB		
	In the database, create the tables of login table, request table and cancellation table		4
	Create a login page by using order id and email for the return and refund page		7
	Develop the update function for the login page		7
	Create a form for returning request form		7
	Develop the CURD operations for the returning request form		7
	Create a form for request cancelling form		6
	Develop the CRUD operations for cancelling form		7
	Develop a validation for login page , returning request page and request cancellation page		10
	Create a policy page for returning and refund.		5

Sprint Backlog - 1

Tasks of buyers' feedback handling

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
08	Buyers' feedback handling.	F01, F02, F03, F04	60
	Design frontend using Adobe XD.		2
	Create DB using MongoDB and setup backend environment.		2
	Create feedback insert page.		2
	Implement validation for feedback.		4
	Implement pages to show each product feedback.		10
	Implement page to edit feedback		20
	Implement function to delete feedback		10
	Test all CRUD operations		10

Sprint Backlog 2



Starting date : 16.08.2021



Sprint Backlog - 2

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
09	News feed creating, search function creating and report generating.	A05	As an admin I need to handle the news feeds section by adding news so that I can easily manage the news feeds by update and delete.	44
		A06	As an admin I need to create a search function so that I can search item code and supply id through the database.	
		A07	As an admin I need to generate a monthly report for product item list so that I can get all the details about product items.	
10	Backend handling, search function creating and report generating for buyer management.	B04	As a buyer admin, I need to manage all the buyer details and add to cart details so that I can update or delete the entered details.	40
		B05	As a buyer admin, I need to create a search function so that I can search any buyer details through the database by using buyer id, register id and cart id.	
		B06	As a buyer admin, I need to generate a monthly report so that I can I get all the login details, registration details and cart details.	

Sprint Backlog - 2

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
11	Salary calculation, CRUD creation, search creation and report generating.	P07	As a financial manager, I want access into the drivers' database so that I can calculate their salaries.	54
		P08	As buyers, suppliers, drivers they want to search their transactions by the transaction ID	
		P09	As a financial manager, I want to read, update, delete other users' transactions.	
		P10	As a Financial Manager, I will generate a monthly report for examination.	
12	Search function creation and report generating for supply management.	S08	As a supply management admin, I need to look for different categories of products so that I can choose products what I want.	48
		S09	As a supply management admin, I need to monthly generate a report on summary of orders so that I can get an idea about our supplier chain.	

Sprint Backlog - 2

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
13	Warehouse management.	W01	As a Warehouse Manager, I want to be able to look for information about all the orders that have been received, so that I can notify my employees for preparation.	50
		W02	As a Warehouse Manager, I want to store information about received products to the warehouse, so that I can have a receipt for product recipience.	
		W03	As a Warehouse Manager, I want to be able to look for information about all products available in the warehouse, so that I can call for a delivery when the products are ready.	
		W04	As a Warehouse Manager, I want to store information about departed packages from the warehouse, so that I can have proof about package departure.	
		W05	As a Warehouse Manager, I want to search the product history by entering product ID, so that I can track the product whether it is dispatched successfully or not.	
		W06	As a Warehouse Manager, I want to generate a report about what are the successfully departed packages from the	
14	Search function creation and report generating for delivery management.	D06	As the delivery management admin, I want to search driver details by their ID, so that I can Manage their event details.	46
		D07	As the delivery management admin, I want to generate, daily and monthly report about delivered packages so that I can Keep track of delivered packages.	

Sprint Backlog - 2

Priority	Product Backlog Items	User Story ID	User Story	Estimation (Hours)
15	Search creation, report generating and Backend handling for return and refund system.	R04	As a return and refund admin I need to pay back to the buyer so that I can edit, update or delete the refunding details.	60
		R05	As a return and refund admin I need to return or exchange the warehouse product items to the supplier so that I can change the damaged items and edit or delete the request.	
		R06	As a return and refund admin I need to create a search function so that I can search all the return and refund details using return ID and refund ID.	
		R07	As a return and refund admin I need to generate monthly report so that I can get all the details about return and refund.	
16	Open ticket creation and handling.	F05	As a buyer, I need to open a ticket so that if I faced any issue during the payment or delivery period, I could contact company easily.	75
		F06	As a buyer, I need to see what going on my ticket status so that I can stay updated with my issue.	
		F07	As an admin, I need to update ticket details which was created by buyer so that I can keep him/her update with the issue.	
		F08	As an admin, I need to delete ticket after customer confirm his/her issue was resolved so that I can work with other pending issues.	
		F09	As a buyer, I need to know which products are best based on other buyers' feedback so that I can buy product without hesitate.	

Sprint Backlog - 2

Tasks of News feed creating, search function creating and report generating.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
09	News feed creating, search function creating and report generating.	A05, A06, A07	44
	Develop the backend for news insertion		15
	Create the newsfeed page using react.		8
	Develop the update and delete crud for newsfeed.		8
	Create a search function.		5
	Develop the report generate page.		5
	Backend testing using by Postman.		3

Sprint Backlog - 2

Tasks of Backend handling, search function creating and report generating for buyer management.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
10	Backend handling, search function creating and report generating for buyer management.	B04, B05, B06	40
	Set up the backend environment.		
	Develop the inserting data for the login table, registration table and cart table.		6
	All that details can use update and delete CRUD operation		7
	Create a search function		15
	Developing the report generate page		12
	Backend testing using by Postman		

Sprint Backlog - 2

Tasks of Salary calculation, CRUD creation, search creation.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
11	Salary calculation, CRUD creation, search creation and report generating.	P07, P08, P09, P10	54
	Sketch the frontend and backend for financial management.		
	Create a login page for financial manager to access the drivers' database.		5
	Create a form to add driver details and calculate the salary.		4
	Develop insert, update, and delete functions for salary calculation page.		4
	Create a transaction history page where buyers, suppliers, and driver can login with their ID.		4
	Develop validations for the logins.		5
	Develop a search function where financial manager, buyer, supplier, and driver can search their past transactions.		6
	Develop search validation where they can search by the transaction ID, transaction name, or username.		5
	Develop a report generate function for financial manager to consider.		15
	Developing the report generate page		6
	Backend testing		

Sprint Backlog - 2

Tasks of Search function creation and report generating for supply management.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
12	Search function creation and report generating for supply management	S08, S09	48
	Create search function.		10
	Implement CRUD for collect information to the report.		15
	Develop the report generate page.		8
	Implement data analyzing charts.		15
	Backend Testing		

Sprint Backlog - 2

Tasks of warehouse management (frontend development).

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
13	Warehouse management.	W01, W02, W03, W04, W05, W06	50
	Development of the Login page		3
	Development of the Home page / Dashboard		3
	Development of the Packages page		5
	Development of the Package items page		3
	Development of the Products Arrivals page		3
	Development of the New arrival page		3
	Development of the Current products page		5
	Development of the Package departures page		3
	Development of the New departure page		3
	Development of the Report generate page		3
	Development of the Track products page		5
	Import Arrival return page		5
	Import Request delivery page		5
	Web app testing		1

Sprint Backlog - 2

Tasks of Search function creation and report generating for delivery management.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
14	Search function creation and report generating for delivery management	D06, D07	46
	Create Search function for search driver details.		8
	Create delivery history page.		8
	Create search function for search Delivery history.		8
	Develop a report generate function for delivery admin to consider.		8
	Developing the report generate page.		8
	Backend Testing		6

Sprint Backlog - 2

Tasks of search creation, report generating and backend handling for return and refund system.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
15	Search creation, report generating and Backend handling for return and refund system.	R04, R05, R06, R07	60
	Set up the backend environment		
	Creating tables for refund and returning between warehouse and supplier		6
	Develop all the CRUD operations for above tables		4
	Create a page for refunding		6
	Develop insert, update and delete function for the refunding page		4
	Create a returning request form for warehouse		6
	Develop insert, update and delete function for returning form		4
	Develop validations for refunding page and returning request form		5
	Create a search function		15
	Developing the report generate page		10
	Backend testing using by postman		

Sprint Backlog - 2

Tasks of Open ticket creation and handling.

Priority	Product Backlog Items	User Story ID	Estimation (Hours)
16	Open ticket creation and handling.	F05, F06, F07, F08,F09	75
	Design frontend using Adobe XD.		2
	Create DB using MongoDB and setup backend environment.		2
	Create ticket open page.		4
	Implement validation for ticket function.		10
	Implement pages to show pending tickets for admin.		20
	Implement page to edit ticket.		5
	Implement function to delete ticket.		5
	Implement seller recommendation page sorted by based on feedback of buyers		22
	Test all CRUD operations		5

Details of the Group Members :

Name with Initials	Registration Number	Function Name	Attendance for Lecture (20/07/2021)
Isurika M.D.A	IT20187828	Supply Management	Present
Epitawatta E.A.E.K	IT20085094	Admin Panel Management	Present
Kandanaarachchi H.L.D.S	IT20157500	Delivery Management	Present
Mandalawatta M.T	IT20163754	Feedback Management	Present
Jinadasa U.G.O.C	IT20115548	Warehouse Management	Present
Fernando W.A.M.A.R	IT20074654	Buyer Management	Present
Jayawardane W.M.A.V	IT20174330	Payment & Financial Management	Present
Amarasinghe B.P.A	IT20120016	Return & Refund Management	Present

THANK YOU!



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Team OCADO

