

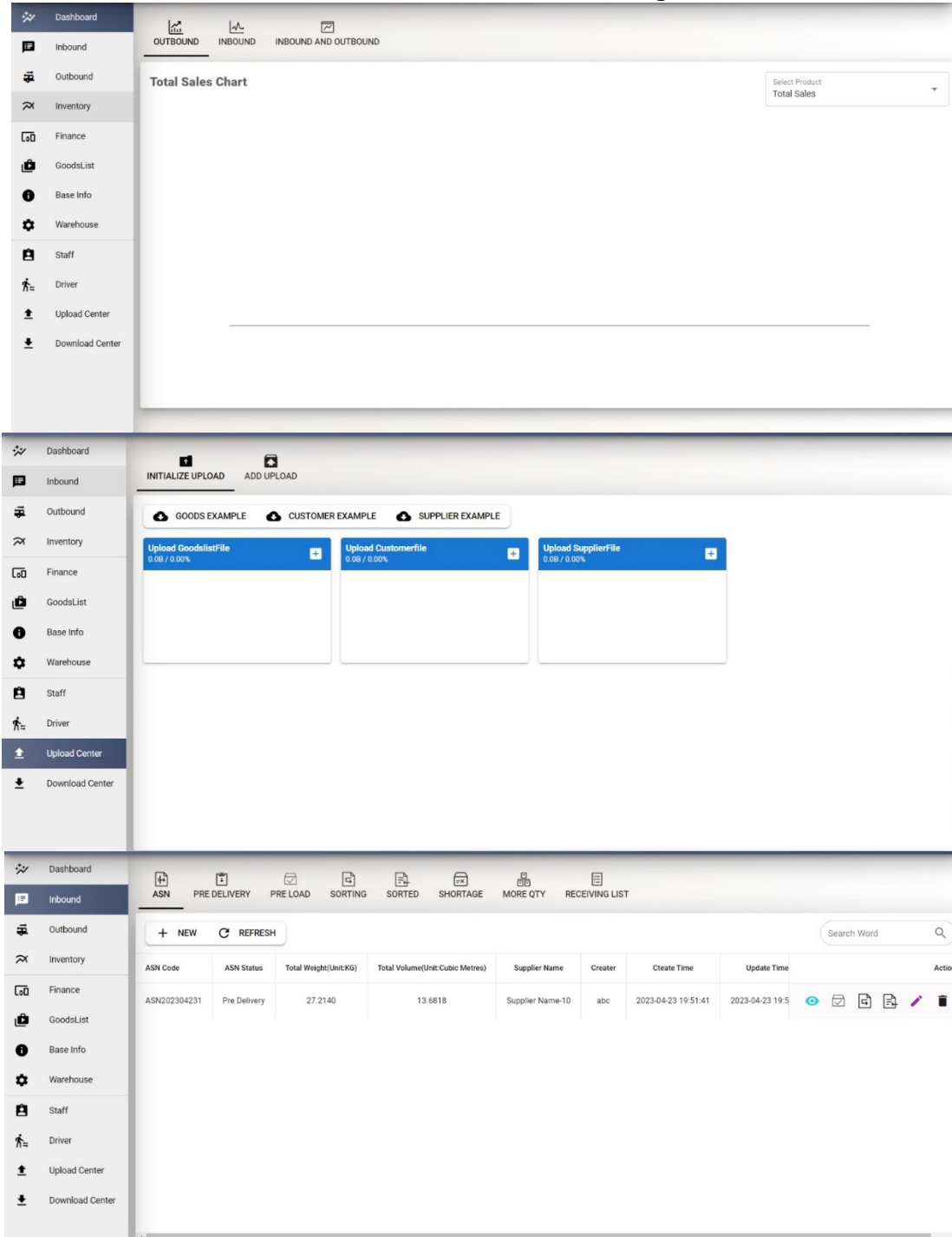
Experiment no. 6

Aim: Development, Implementation and testing of phase 1 of the project.

Tools: MongoDB, VS Code, Nodejs

Implementation:

Test Case - 1: Frontend Checking



The screenshots show a web application with a sidebar menu containing: Dashboard, Inbound, Outbound, Inventory, Finance, GoodsList, Base Info, Warehouse, Staff, Driver, Upload Center, and Download Center.

Screenshot 1: Total Sales Chart
 This view displays a 'Total Sales Chart' with a 'Select Product' dropdown menu set to 'Total Sales'. The chart area is currently empty.

Screenshot 2: Upload Center
 This view shows the 'INITIALIZE UPLOAD' and 'ADD UPLOAD' sections. It includes three upload boxes: 'Upload GoodsListFile' (0.00 / 0.00%), 'Upload CustomerFile' (0.00 / 0.00%), and 'Upload SupplierFile' (0.00 / 0.00%).

Screenshot 3: Inbound List
 This view shows a table of inbound data with the following columns: ASN Code, ASN Status, Total Weight(Unit:KG), Total Volume(Unit:Cubic Metres), Supplier Name, Creator, Create Time, Update Time, and Action. The table contains one data row.

ASN Code	ASN Status	Total Weight(Unit:KG)	Total Volume(Unit:Cubic Metres)	Supplier Name	Creator	Create Time	Update Time	Action
ASN202304231	Pri Delivery	27.2140	13.6818	Supplier Name-10	abc	2023-04-23 19:51:41	2023-04-23 19:5	

Test Scenario ID	Frontend		Test Case ID		Frontend -1A	
Test Case Description	Frontend		Test Priority		High	
Test Execution Steps:						
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
1	On Signup page - Clicking on admin login button	None	Redirect to admin login page	Redirected to admin login page	Chrome	Pass
2	On Signup page - Clicking on user/supplier button	None	Redirect to supplier login page	Redirected to supplier login page	Chrome	Pass
3	Clicking on Registration button	None	Redirect to Registration page for supplier	Redirected to Registration page for supplier	Chrome	Pass
4	Clicking the submit button on registration page	Entering respective details of users or suppliers in the form	Accept data if all the validations are	Data accepted and stored in the database and redirected to sign in page	Chrome	Pass
5	Clicking the sign in button after being redirected	Entering user name, email and password in the form	Redirect to Supplier or Admin account whichever is selected.	Message send to the community	Chrome	Pass
Admin						
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
1	On clicking supplier list in navigation	None	Redirect or display the list of the	Redirected to suppliers list page	Chrome	Pass

			suppliers in database			
2	On clicking the Available inventory	None	Display the products entered by the suppliers	Products added by the suppliers are displayed	Chrome	Pass
3	On clicking the remove supplier	None	Remove the selected supplier from the list	The credentials of the supplier are deleted from the database	Chrome	Pass

Supplier						
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
1	On clicking the Add Product in the navbar	None	Redirect to the add product page	Redirected to the Add Product page	Chrome	Pass
2	On clicking the Dashboard in the navigation	None	Display the statistics such as revenue, total products, etc.	Dashboard containing charts and data to summarize the statistics is displayed	Chrome	Pass
3	On clicking the logout option in the navigation	None	Logout as a supplier and redirect to the signup/home page	Redirected to the signup/home page	Chrome	Pass

Result and Conclusion: From this experiment we understood the implementation and performed the test cases for frontend.

Learning Outcomes: The student should have the ability to:

LO1: Develop and implement the project

LO2: Perform the testcases.

Course Outcomes: Upon completion of the course students will be able to Perform the test cases of phase 1.

Conclusion: In this experiment we have tested the front-end part of the warehouse management system. The test cases and their results are shown and the phase 1 of the project is successfully implemented.

For Faculty Use

Correction Parameters	Formative Assessment [40%]	Timely completion of Practical [40%]	Attendance / Learning Attitude [20%]	
Marks Obtained				

Experiment no. 7

Aim: Development, Implementation and testing of phase 2 of the project.

Tools: MongoDB, VS Code, Nodejs

Implementation:

2A – User Registration

Register An Admin ×

User Name

Password ✕

Confirm Password ✕

REGISTER

RETURN TO LOGIN PAGE

Test Scenario ID	New User		Test Case ID	User – 1A		
Test Case Description	Checking For Registration		Test Priority	High		
Test Execution Steps:						
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
1	Uploading profile image	An image in the form of .jpg or .png	Image is accepted	Image accepted	Chrome	Pass
2	Entering email and email should end with @gmail.com	Email id: abc@gmail.com	Accept email	Email verified and accepted	Chrome	Pass
3	Entering the supplier username of size 8 characters	8 characters user name	Accept username	Accepted username	Chrome	Pass
4	Entering company name	Company name	Valid company name	Company name accepted	Chrome	Pass

5	Entering Phone no. and it must be 10-digit of number	Phone: XXXXXXXXXXXX	Valid Phone no.	Valid Phone no.	Chrome	Pass
6	Entering type of product that is supplied	Product type:	Accept the product type	Product type accepted	Chrome	Pass

2B – User Login

USER LOGIN ADMIN LOGIN
×

[REGISTER AN ADMIN](#)

USER LOGIN ADMIN LOGIN
×

[REGISTER AN ADMIN](#)

Test Scenario ID		Login		Test Case ID		Login-1A	
Test Case Description		Login – Positive test case		Test Priority		High	
Pre-Requisite		A valid user account					
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	
1	Entering correct Email, username & Password and hit login button	Email id: test@xyz.com Username: xxxxxxxx Password: *****	Login success And redirect to voting page	Successfully Logged in and redirected to dashboard page	Chrome	Pass	

Test Scenario ID	Login	Test Case ID	Login-1B
Test Case Description	Login – Negative test case	Test Priority	High
Pre-Requisite	NA	Post-Requisite	NA
Test Execution Steps:			

Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
2	Entering invalid Email, invalid username or invalid password and hit login button	Email id: invalid@xyz.com Password: *****	Error!! Invalid Credentials, Please Login with correct email and password	Invalid Credentials, Please Login with correct email and password	Chrome	Fail

2C – User logout

Test Scenario ID		Logout		Test Case ID		Logout-1A	
Test Case Description		Logout – Positive test case		Test Priority		High	
Pre-Requisite		A valid user account					
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	
1	hitting Logout button	None	Session destroyed and logout successfully	Session destroyed and logout successfully	Chrome	Pass	

Result and Conclusion: From this experiment we understood the implementation and performed the test cases for User.

Learning Outcomes: The student should have the ability to

LO1: Develop and implement the project

LO2: Perform the testcases.

Course Outcomes: Upon completion of the course students will be able to Perform the test cases of phase 2.

Conclusion: In this experiment we have tested the login and logout components of the warehouse management system. Test cases and their results are shown and the phase 2 of the project is successfully implemented.

For Faculty Use

Correction Parameters	Formative Assessment [40%]	Timely completion of Practical [40%]	Attendance / Learning Attitude [20%]	
Marks Obtained				

Experiment no. 8

Aim: Development, Implementation and testing of phase 3 of the project.

Tools: MongoDB, VS Code, Nodejs

Implementation:

Test Case 3 – Admin checking

- [Dashboard](#)
- [Inbound](#)
- [Outbound](#)
- [Inventory](#)
- [Finance](#)
- [GoodsList](#)
- [Base Info](#)
- [Warehouse](#)
- [Staff](#)
- [Driver](#)
- [Upload Center](#)
- [Download Center](#)

INITIALIZE UPLOAD
ADD UPLOAD

GOODS EXAMPLE
CUSTOMER EXAMPLE
SUPPLIER EXAMPLE

Upload GoodslistFile
0.0B / 0.00%

Upload Customerfile
0.0B / 0.00%

Upload SupplierFile
0.0B / 0.00%

- [Dashboard](#)
- [Inbound](#)
- [Outbound](#)
- [Inventory](#)
- [Finance](#)
- [GoodsList](#)
- [Base Info](#)
- [Warehouse](#)
- [Staff](#)
- [Driver](#)
- [Upload Center](#)
- [Download Center](#)

STAFF
CHECK CODE
STAFF TYPE

+ NEW
REFRESH
DOWNLOAD

Staff Name	Staff Type	Cteate Time	Update Time	Action
Aaron	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Abbott	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Abel	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Baird	Supervisor	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Baldwin	StockControl	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Bancroft	Manager	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑
Caesar	StockControl	2023-04-23 19:51:29	2023-04-23 19:51:29	🔒 ✎ 🗑

- Dashboard
- Inbound
- Outbound
- Inventory
- Finance
- GoodsList
- Base Info
- Warehouse
- Staff
- Driver
- Upload Center
- Download Center

ASN
DN
STOCK LIST
BIN LIST
GOODS LIST

Create Time
Start - End
RESET
DOWNLOAD LIST
DOWNLOAD DETAIL

ASN Code	ASN Status	Total Weight(Unit:KG)	Total Volume(Unit:Cubic Metres)	Supplier Name	Creator	Create Time	Update Time
ASN202304231	Pre Delivery	27.2140	13.6818	Supplier Name-10	abc	2023-04-23 19:51:41	2023-04-23 19:51:41

Test Scenario ID		Admin		Test Case ID		Admin -1A	
Test Case Description		Admin – Positive test case		Test Priority		High	
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	
1	Hitting suppliers list in the navigation	None	List of suppliers	A list of 10 suppliers and a show more button	Chrome	Pass	
2	Clicking the show more button	None	List of remaining suppliers	List of all the suppliers is displayed	Chrome	Pass	
3	Removing a supplier by hitting on button	Clicking on a button at the end of supplier list section	Remove supplier from the supplier list and database	Supplier removed from the displayed data and database	Chrome, MongoDB	Pass	
4	Viewing the dashboard	Clicking on the Dashboard option in navbar	Statistics of the supplier and product	Statistics of the supplier and the product is shown	Chrome	Pass	
5	Clicking on the Products section	None	Displaying all the products available	All the products displayed on the screen	Chrome	Pass	

6	Searching product type in the search bar	Product type: xxxxxxxx	Displaying products of the selected type	Products of the type entered in the search bar is displayed	Chrome	Pass
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Result and Conclusion: From this experiment we understood the implementation and performed the test cases for Admin.

Learning Outcomes: The student should have the ability to

LO1: Develop and implement the project

LO2: Perform the testcases.

Course Outcomes: Upon completion of the course students will be able to Perform the test cases of phase 3.

Conclusion: In this experiment we have tested the functionalities of the admin user in warehouse management system. Test cases and their results are shown and the phase 3 of the project is successfully implemented.

For Faculty Use

Correction Parameters	Formative Assessment [40%]	Timely completion of Practical [40%]	Attendance / Learning Attitude [20%]	
Marks Obtained				

Experiment no. 9

Aim: Development, Implementation and testing of phase 3 of the project.

Tools: MongoDB, VS Code, Nodejs

Implementation:

Test Case 4 – Database checking

Dashboard
Inbound
Outbound
Inventory
Finance
GoodsList
Base Info
Warehouse
Staff
Driver
Upload Center
Download Center

CAPITAL FREIGHT

+ NEW REFRESH DOWNLOAD

Search Word

Capital Name	Capital Qty	Capital Cost	Creator	Create Time	Update Time	Action
Capital Name-41	98	7289	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-40	9	6493	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-39	46	927	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-38	45	955	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-37	70	4860	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-36	24	4214	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	
Capital Name-35	19	6537	DemoData	2023-04-23 19:51:29	2023-04-23 19:51:29	

Dashboard
Inbound
Outbound
Inventory
Finance
GoodsList
Base Info
Warehouse
Staff
Driver
Upload Center
Download Center

GOODS LIST UNIT CLASS COLOR BRAND SHAPE SPECS ORIGIN

+ NEW REFRESH

Search Word

Goods Code	Goods Desc	Goods Supplier	Goods Weight(Unit:g)	Goods Width(Unit:mm)	Goods Depth(Unit:mm)	Goods Height(Unit:mm)	Unit Volume	Goods Unit	Action
A000041	Goods Desc-41	Supplier Name-38	1237	870.95	796.3	898.7	0.6219	Pallet	
A000040	Goods Desc-40	Supplier Name-5	1196	156.17	503.21	996.44	0.0782	Package	
A000039	Goods Desc-39	Supplier Name-21	3596	534.86	536.84	127.59	0.0364	Box	
A000038	Goods Desc-38	Supplier Name-24	1180	90.94	569.62	355.85	0.0182	Piece	
A000037	Goods Desc-37	Supplier Name-4	5998	517.62	693.4	481.01	0.1723	Piece	
A000036	Goods Desc-36	Supplier Name-4	3384	744.54	189.06	985.44	0.1385	Pallet	
A000035	Goods Desc-35	Supplier Name-8	2621	18.51	688.4	97.26	0.0012	Piece	

Dashboard
Inbound
Outbound
Inventory
Finance
GoodsList
Base Info
Warehouse
Staff
Driver
Upload Center
Download Center

STAFF CHECK CODE STAFF TYPE

+ NEW REFRESH DOWNLOAD

Search Word

Staff Name	Staff Type	Create Time	Update Time	Action
Aaron	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	
Abbott	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	
Abel	Inbound	2023-04-23 19:51:29	2023-04-23 19:51:29	
Baird	Supervisor	2023-04-23 19:51:29	2023-04-23 19:51:29	
Baldwin	StockControl	2023-04-23 19:51:29	2023-04-23 19:51:29	
Bancroft	Manager	2023-04-23 19:51:29	2023-04-23 19:51:29	
Caesar	StockControl	2023-04-23 19:51:29	2023-04-23 19:51:29	

Test Scenario ID	Database			Test Case ID	Database -1A	
Test Case Description	Database – Positive test case			Test Priority	High	
Sr No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result
1	Creating the supplier list with the company information	Supplier name, company-name, email, phone number, company-address	A collection of suppliers is stored in the database	A collection of suppliers is present in the database	Chrome	Pass
2	Creating the distributors list with the type of product they sell	Distributor name, distributor company, email, phone number, company-address	A collection of distributors is stored in the database	A collection of distributors is stored in the database	Chrome	Pass
3	Creating the admin list	Staff name, company_id, post, Email, phone	A list of admins is stored in mongoDB database	A complete list of admins is present in database	Chrome	Pass
4	Storing the data of product	Product_id, product-category, product-name, price, product-quantity	Product data is stored in the database	Information of product is present in the database	Chrome	Pass

Result and Conclusion: From this experiment we understood the implementation and performed the test cases for Database.

Learning Outcomes: The student should have the ability to

LO1: Develop and implement the project

LO2: Perform the testcases.

Course Outcomes: Upon completion of the course students will be able to Perform the test cases of phase 1.

Conclusion: from this experiment we have the ability to perform the test case of phase 4.

For Faculty Use

Correction Parameters	Formative Assessment [40%]	Timely completion of Practical [40%]	Attendance / Learning Attitude [20%]	
Marks Obtained				