



Sri Lanka Institute of Information Technology
Information Technology Project (IT2080)

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Activity_02

Web App/Centralized Platform for Dean Apparels

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1. Background

One of The largest apparel and technology company on the island, Dean Apparels, offers concept-to-apparel solutions for the top clothing brands in the nation.

In order to develop novel solutions that exceed human capacity, they foresee future trends. While dedication to the environment has made Dean Apparels the industry standard for ethical and sustainable production, innovative partnerships have resulted in ground-breaking advancement.

They mostly employ jeans, shirts, trousers, and t-shirts as their primary industry-based method in the market approach.

In order for clients to be happy with the value they receive for their money, the primary objective is to maximize product output.

Every staff member and every worker in this community is valued.

2. IT210304088-SHABEER MSM

Customer Management(User)

Epic : As a Customer Manager, To increase client retention, loyalty, and satisfaction, I want to manage my customer interactions successfully. I will be able to save, arrange, and manage client data, such as their contact information, purchase history, and communication preferences, thanks to the Customer Relationship Management (CRM) system.

A dashboard with a summary of customer data and analytics, including demographics, purchasing patterns, and feedback, should be offered by the CRM system. Additionally, the system should enable me to categorize clients according to various factors, such as their geography, interests, and purchasing patterns, and deliver tailored communications and offers to each section..

Ultimately, the CRM system ought to make it possible for me to cultivate enduring connections with my clients and enhance their entire shopping experiences.

Feature	User Story ID	User Story	Tasks
Registering in as a customer on the system	110	"As a customer, I want to register as a customer so I can place orders."	<ol style="list-style-type: none">1. Making a user-accessible, central website on the web.2. Making a registration form.3. Providing a user input field for customers.4. Supplying pertinent user information to create a new user in the database.
Authenticating to the web Portal as a customer or customer admin	111	"As a registered customer, I want to login to the website, to surf the web."	<ol style="list-style-type: none">1. Offering a login screen with a login interface.2. Provide role-based user authentication.3. Verify login information.4. Forward the user to the appropriate web page.
	112	"As the customer admin, I want to login to the system so I can manage customer related activities."	
Surfing the web Portal	113	"As a customer, I want to search for apparel ware and place an order on exactly what I need of"	<ol style="list-style-type: none">1. Providing an input field to enter the search item.2. Query for all the relevant products for inputs.3. Display Results4. Implement carts and WishLists5. Implementing payments

			<p>based intergrations via bank funds</p> <ol style="list-style-type: none"> Order managemt will be handling orders And furthermore productions will be continue after bank deposits are done
Seeing Product Reviews	114	“As a customer, I want to View reviews about products so that I can gain more knowledge.”	<ol style="list-style-type: none"> Allow to watch Reviews Depict them from rating starts Additional text and dates will be displayed
Make a review	115	“As a customer, I want to share my review about products so that I can share my experinces.”	<ol style="list-style-type: none"> Allowing the user to enter a review for delivered productsonly. Providing a text field and ratingmethod to share review. Giving customers the option to update their reviews. updating the overall rating and displaying reviews.
Manipulating User Address	116	“As a customer, I want to update my address so I can get my product delivered to places I want”	<ol style="list-style-type: none"> Show Current Details of addresses Enable editing Validate Credentials Save In DB
Manipulating User Account	117	“As a customer, I want to reset my password so I can secure myprofile daily.”	<ol style="list-style-type: none"> Make Relevant To Reset Passwords Create forms related Update Related Inputs after validation
Forgot Password	118	“As a customer ,I want to reset my password when an authorization problems occur, so that I could be a effective User”	<ol style="list-style-type: none"> Make Forgot Password Options Use OTP Validations Reste Password on success
Make Bulk Orders	119	“As a customer, I would like to request a bulk order soI can receive my order into myown shop easily without hesitations.”	<ol style="list-style-type: none"> Make Discounts for bilk orders Make them to be Used by customers by loyalty Accept orders accordingly of payments

Sumbit Inquiries	120	“As a customer, I would make inquiries so that I could resolve my issues.”	<ol style="list-style-type: none"> 1. Make Inquiry Forms 2. Make ease Submissions for inquiries
See Login activity	121	“As a customer, I would like to see authentications so that I could view my account authentications.”	<ol style="list-style-type: none"> 1. Capture Logins 2. Capture Logouts 3. Save Account Login times
Manipulate Customers	122	“As a Customer, I would like to Manipulate users in the system so managents would be easier.”	<ol style="list-style-type: none"> 1. Providing an interface to enter login credentials. 2. Authenticate the user according to the role. 3. Manipulate Customers

4. IT21271878- Chathuranga M.K.I.S

Order Management(Supplier/Customer)

Epic : Implementation of the order management system. the order management system allows generating reports based on calculations for each Order. After the calculation of the supplier's and customers' orders, each system is given the necessary approvals for Orders. Calculating total payment, and adding coupons and discounts are done in payment management. Customers will be informed to settle the payment in 7 days. If the customer failed to settle the full payment within the due time, the order will be canceled automatically.

Feature	User Story ID	User Story	Tasks
Admin login.	210	“As the Order manager, I want to login the system to maintain orders. So, I can check order details	1. Create login page. 2.Create relevant database. 3. validate login credential.
Get supplier management order details	211	“As the order manager, I want to get supplier orders to the system so that I can be able to view all supplier orders data of supplier management system.”	1. Get data from relevant tables. 2. Save order data into system. 3. Checking and calculate orders data.
Get customer management order details.	212	“As the Order manager, I want to get customer orders to the system so that I can be able to view all customer orders data of customer management system”	1. Get data from relevant tables. 2. Save customer order into system. 3. Checking and calculate customer orders.
Insert coupons to the full total of order calculation of customer orders	213	“As the Order manager, I want to add coupons data calculation to the system so that I can be able to insert customer order data of customer management system”	1. Get data from relevant tables. 2. Insert coupons data into system. 3. Checking and calculate order data.

Remove suppliers and customers orders	214	“As the Order manager, I want to remove some orders management system data. so that I can get correct details about our orders	<ol style="list-style-type: none"> 1. Checking data to analyze orders and calculations. 2. 24/7 update assets.
Manage Approvals	215	“As the order manager, I want to Manage the Approvals after checking orders so that I can give last approval for orders	<ol style="list-style-type: none"> 1. Create payroll and supplier approval. 2. Reject payroll and supplier approval.
Generate reports of order History.	216	“As the order manager, I want to generate a report of History of orders so that I can analyses them.”	<ol style="list-style-type: none"> 1. Represent the details of orders 2. Provide an option to filter details and represent them in charts. 3. Add an option to download the reports.

5. IT21298912 Yapa Y.M.T.N.S

Delivery Management

Epic : Delivery Management: The delivery management system is developed to coordinate the delivery of goods to the customer. Three stakeholders are contributing to this delivery process of Dean Apparel company (Deliveryman, Customer, Admin).

Deliveryman can log in to the system separately. And common settings can be used such as editing the profile. The deliveryman can enter the driving license into the system. There is a separate user interface for this. Also, information such as vehicle number and the delivery list is displayed in the deliverymen's profile (Vehicle no, Order ID, delivery ID, Customer phone NO,). This allows the deliveryman to identify his deliveries separately. And the location tracking facility makes the delivery man's job easier. It can track the distance to the respective customer's location and the speed required to get there. After completing the delivery, the deliveryman should enter the information into the system. They are Order Id, Product Id, Product name, Customer Name, Customer NIC, Customer email, and delivered or not.

Once the delivery is successful, the system sends an email to the customer. And, customer can see their own order list in their profile.

In the admin profile, he can see some special information than other users. They are the delivery list, order list, and vehicle list. Based on this information he can place the delivery. This delivery placement is done in inventory management. Additionally, the admin can generate reports using this information.

Feature	User Story ID	User Story	Tasks
User login (Deliveryman, customer, Admin)	310	As a user, I want to be able to log in to the system so that I can access the system.	Design the Login form. Develop backend logic for authenticating user credentials. Implement front-end validation for user input. Generate a session. Redirect the user to their account dashboard after successful login.

Location tracking.	311	As a Deliveryman, I want to track the customer locations, So that I can make deliveries easily and efficiently.	<p>Design the customer location tracking UI.</p> <p>Implement the GPS location tracking functionality for the delivery man's profile.</p> <p>Integrate a map library such as Google Maps.</p> <p>Display the customer's location on the Delivery man's profile.</p>
	312	As a deliveryman, I want to update the delivery details, So that I can provide proof of completion of the delivery.	<p>Create UI for the Update information.</p> <p>Create a form for that.</p> <p>Get information using java codes.</p> <p>Store that information in Database using Java codes.</p>
	313	As a deliveryman, I want to see the information about customers and delivery So that, I can easily identify the product and customer.	<p>Create a UI for Displaying information.</p> <p>Develop a java code and SQL code to fetch data from the Database.</p> <p>Run the code and get the information.</p> <p>Display the information in the user's profile.</p>
Display the delivery details.	314	As a customer, I want to see my order list So that, I can identify whether my orders are delivered or not.	
	315	As an Admin, I want to see the order list, vehicle list, and delivery list So that, I can assign orders to the delivery persons.	

Generate reports.	316	As an Admin, I want to generate reports, So that I can analyze monthly and daily deliveries.	Create export buttons on necessary function pages. Create functions for generating reports.
Log-out (Deliveryman, customer, Admin)	317	As a user, I want to log out from the system, so that it adds more security to the system.	Create a Logout button. Create a log-out function and destroy the session. Set the function for the button.
Add a driven license to the system	318	As a deliveryman, I need to upload a driven license to the system So that, Admin can use this information for assigning deliveries.	Create a user interface for uploading using forms. Implement uploading function using java. Set the directory to store images. Connect to the database using SQL. Store the image name with the type in the database.
Edit profile	319	As a user, I want to edit my profile So that, I can update my current information in the system.	Create a user interface for editing profiles Implement Crud operations using java. Connect to the database using SQL.
Send email	320	As a customer, I want the system to send me an email So that, I can confirm that the delivery is successful.	Develop java coding to generate the emails. Connect with API (Google email services). Select completed deliveries with customers. Send emails to all customers that delivery is completed.

6. IT21247668 - Ranathunga S.W.H.D.D

Employee Management(Employee/Staff)

Epic :The first step in implementing an employee management system is to collect and organize employee data, including personal information, job roles and responsibilities, salary and benefits information, and work schedules. Once employee data is collected, the employee management system can be used to automate the onboarding process. This includes tasks such as verifying employment eligibility.

An also, employee management system can be used to track employee attendance, including clocking in and out, scheduling time off, and monitoring overtime hours.

It can help organizations streamline their employee-related tasks and processes, improve communication and engagement with employees, and ultimately improve the overall efficiency and effectiveness of their workforce.

Feature	User Story ID	User Story	Tasks
Employee login their own profile.	410	“As an employee, I want to be able to view my personal information in the system so that I can ensure that it is accurate and up-to-date.”	1. Display employee own profile. 2. Update some details on their profile.
Employee Request leave	411	“As the employee I can request a leave, so that I can get a leave easily .”	1. Leave category. 2. Reason. 3. Date and Time. 4. Apply.
Daily attendance of employee	412	“As an employee, I want to be able to track my time and attendance in the system so that I can ensure that I am accurately paid for my work hours.”	1. Employee attendance. (on / off) 2. Punch In and Out 3. Insert EMP ID

Login to the system as the admin	413	“As the Admin, I want to login the system to maintain Employee details. So that I can add new employee details.”	<ol style="list-style-type: none"> 1. Create login page. 2. Display login options. 3. Create registration form. 4. Create data base. 5. Validate login details.
View attendance details of all employees	414	“As the Admin I want to view attendance details of all employees, so that I can track the attendance”	<ol style="list-style-type: none"> 1. View time and Date.
Employee leave details	415	“As the admin, I want to accept or ignore leave requested by employee, so that I can manage leave requests”	<ol style="list-style-type: none"> 1. Category of leave. 2. Date and Time 3. Ignore or accept

7. IT21262654 – Jayawardhana B.M.W.P

PayRoll Management

Epic : Payroll management consists of two parts: salary and payroll. The first is focused on the salaries of employees, while the second is on the payrolls, which includes bonuses, deductions, and overtime schedules.

In the payroll management system, Payroll manger can log in to the system via the admin. And payroll manager can view salary history and add bonus, over times to the basic salary and change it. As well as payroll manager can view salary history. Payroll manager can also generate reports for the orders history and supplier's details list.

Feature	User Story ID	User Story	Tasks
Log in to the system	510	“As a Payroll Manager, I want to log in to the system so that I can complete my services.”	1.Create a Login page. 2.Validate login details. 3.Store data in the database.
Register on the System	511	“As a Payroll Manager, I want to register into the system, so that I can access the system”	1.Create a registration page. 2.Validate form details. 3.Save the details into the system.
Profile	512	“As a Payroll Manager, I want to maintain my profile details, so that I can manage my details properly.”	1.Create a Profile Page. 2.Create a profile update page. 3.Create profile delete page. 4.Validate form details.
Logout	513	“As a Payroll Manager, I want to log out from the system, so that it adds more security to the system.”	1.Create a Logout page. 2.Create a logout confirm page.

Reset Password	514	“As a Payroll Manager, I want to reset my password, so that I can reset my password if I forget it.”	<ol style="list-style-type: none"> 1.Create a reset password page. 2.Validate passwords. 3.Update the user’s table.
Generate Reports	515	“As a Payroll Manager, I want to generate reports on salary slips, so that I can analysis the employee’s salary.”	<ol style="list-style-type: none"> 1.Create export buttons on necessary function pages. 2.Create functions for generating reports.
View History	516	“As a Payroll Manager, I want to view the history, so that I can feel more in control.”	<ol style="list-style-type: none"> 1.Create history pages. 2.Create functions for automatically update the history on different tasks.
Monthly salary calculating process	517	“As a Payroll Manager, I want to store income and add bonus, so that I can generate financial reports easily.”	<ol style="list-style-type: none"> 1.Create a Cost Analysis page. 2.Store data in the database 3.Save the payment details into the system. 4.Updates and delete data of tables according to the data.

8. IT21261800- Bandara D. M.J.K

Financial Management

Epic : Implementation of financial management system. Financial management system allows generating reports based on calculations for each transaction. After the calculation of the supplier management, customer management and payroll management three systems, each system is given the necessary approvals for transactions. And the details of the calculations generated by the supplier management, customer management and payroll management three methods will be saved in the database. Then each transaction is authorized based on the available funds and assets of the system and the profit received from the transaction. Finally, the system generates a monthly report on the financial checks made.

Feature	User Story ID	User Story	Tasks
Admin login.	610	“As the finance manager, I want to login the system to maintain Finance checking. So, I can check funds and assets.	1. Create login page. 2.Create relevant database. 3. validate login credential.
Get supplier management data calculation	611	“As the Financial manager, I want to get supplier data calculation to the system so that I can be able to view all supplier payment data of payroll management system.”	1. Get data from relevant tables. 2. Save payroll data into system. 3. Checking and calculate payroll data
et payroll management data calculation.	612	“As the Financial manager, I want to get payroll data calculation to the system so that I can be able to view all payroll payment data of payroll management system”	1. Get data from relevant tables. 2. Save payroll data into system. 3. Checking and calculate payroll data.
Checking fund and Profit.	613	“As the Financial manager, I want to get supplier management system data, customer management data and payroll management data to checking and analyze profit and funds. so that I can get correct details about our fund’s and assets.	1. Checking data to analyze funds and profit. 2. 24/7 asset Update

Manage Approvals	614	“As the Finance manager, I want to Manage the Approvals after checking funds and profit so that I can cope with the supplier management system and payroll management system successfully.”	<ol style="list-style-type: none"> 1. Create payroll and supplier approval. 2. Reject payroll and supplier approval.
Generate Monthly reports of History.	615	“As the Finance manager, I want to generate a report of History within the month so that I can analyses them.”	<ol style="list-style-type: none"> 1. Represent the details of monthly History. 2. Provide an option to filter details and represent them in charts. 3. Add an option to download the reports.

9. Jayasinghe S.V.M.T - IT21314742

Inventory Management

Epic Supplier manager keeps track of raw materials, delivery of finished products, and inventory system serves as a conduit between delivery management system and supplier management system.

Feature	User Story ID	User Story	Tasks
Log in to the system	710	“As a Inventory Manager, I want a login system, so that I can restrict the access for unauthorized users.”	<ol style="list-style-type: none">1. Import the “users” model.2. Migrate it to the Database.3. Create a Login page.4. Create a Login form.5. Validate login form data.6. Store data in the database.
Register on the System	711	“As a new admin, I want to register into the system, so that I can access the system.”	<ol style="list-style-type: none">1. Create a registration page.2. Create a registration form.3. Validate form data.4. Insert data to the “users” table in the database.
User Profile	712	“As an admin, I want to maintain my profile details, so that I can manage my details properly.”	<ol style="list-style-type: none">1. Create a profile model.2. Migrate to the database.3. Create a Profile Page.

			<p>Create a profile update page.</p> <ol style="list-style-type: none"> 5. Create profile delete page. 6. Create a profile form. 7. Validate form details. 8. Update the profile table in the database.
Logout	713	“As an admin, I want to log out from the system, so that it adds more security to the system.”	<ol style="list-style-type: none"> 1. Create a Logout page. 2. Create a logout confirm page.
Reset Password	714	“As an admin, I want to reset my password, so that I can reset my password if I forget it.”	<ol style="list-style-type: none"> 1. Create a reset password page. 2. Create a reset password done page. 3. Validate passwords. 4. Update the user's table.
Manage Products	715	“As a Inventory manager, I want to manage all final products, so that I can get a better understanding of stocks.”	<ol style="list-style-type: none"> 1. Create a product model. 2. Make migration and migrate it to the database. 3. Create add product form. 4. Create an updated product form. 5. Create add product page. 6. Create an updated product page. 7. Create a delete product page etc.. 8. 9.

10. Ranasinghe P.A.T.D - IT21282140

Supplier Management

Epic : In the supplier management system, the Supplier manager can log in to the system via the admin. The admin has the access to register suppliers to the system. Also, the admin has the access to manage these supplier accounts in need situations. Then the admin places orders to the various suppliers if the inventory requests some raw materials. Admin has the access to view these orders after placing them. After getting these orders admin will insert GRN(Goods Received Note) into the system and System will update the raw materials stock. The unit price of the raw materials and the total amount are also included in this GRN. The finance department can access these payment details through the supplier management system. Admin can also generate reports for the order history and supplier's details list.

Feature	User Story ID	User Story	Tasks
Log in to the system	810	"As the Supplier Manager, I want to log in to the system so that I can Complete my services."	1. Create a login page 2. Create a relevant database 3. Validate login credentials
Register Suppliers	811	"As the Supplier Manager, I want to register suppliers into the system, so that I can place different orders with the various suppliers"	1. Create a registration form 2. Save the details into the system
Manage Supplier details	812	"As the Supplier manager, I need to manage suppliers' information, so that I can access the details of suppliers get a better understanding of their products and deactivate suppliers of the system if necessary."	1. Create a Supplier page. 2. Create a View Supplier page. 3. Create an edit Supplier option. 4. Create View, edit and deactivate supplier functions. 5. Save the latest details into the system.

Manage Inventory requests	813	“As the Supplier manager, I want to manage the inventory requests, so that I can View the request and take necessary steps to fulfil their requests”	1. Create an inventory requests page.
Make orders	814	“As the Supplier manager, I want to make orders with the suppliers, so that I can respond to the inventory requests.”	1. Create an Order page. 2. Add an option to select suppliers according to their products. 3. Create an order form. 4. Validate the form.
Order history	815	“As the supplier manager, I need to view all the orders I have made so that I can get an idea about all the raw materials orders that happened.”	1. Create an order history page. 2. Create a View order page. 3. Create a return option.
Insert GRN (Goods Received Note)	816	“As the supplier manager, I need to insert GRN into the system so that I can update inventory to the latest stocks and give the orders payments details to the finance department”	1. Create an insert GRN form 2. Save the details into the system.
Manage GRN details	817	“As the Supplier manager, I need to manage GRN information, so that I can edit the details of GRN in the system if necessary.”	1. Create a GRN page. 2. Create a View GRN page. 3. Create an edit GRN option. 4. Create View and edit functions. 5. Save the latest details into the system.
Logout from the system	818	“As a valid user, I want to log out from the system, so that it ensures the security of my account.”	1. Create a logout page. 2. Create a logout confirm page.

Generate reports	819	“As the Supplier manager, I want to generate reports, so that I can manage all the orders and suppliers’ records properly”	1. Add export buttons to the relevant pages. 2. Create functions to export data into CSV files
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11. Product Backlog

Priority Scale

Highest Priority – 01

Normal Priority – 02

Low Priority -03

OID	User Story ID	User Stories	Estimated Hours	Priority	Status
0	110	“As a customer, I want to register as a customer so I can place orders.”	01	1	Done
23	111	“As a registered customer, I want to login to the website, to surf the web.”	03	2	To be Started
24	112	“As the customer admin, I want to login to the system so I can manage customer related activities.”	03	2	To be Started
25	113	“As a customer, I want to search for apparel ware and place an order on exactly what I need of”	01	2	To be Started
1	114	“As a customer, I want to search for apparel ware and place an order on exactly what I need of”	04	1	To be Started
73	115	“As a customer, I want to View reviews about products so that I can gain more knowledge.”	06	3	To be Started
26	116	“As a customer, I want to share my review about products so that I can share my experiences.”	04	2	To be Started
74	117	“As a customer, I want to update my address so I can get my product delivered to places I want”	03	3	To be Started

27	118	"As a customer, I want to reset my password so I can secure my profile daily."	05	2	To be Started
2	119	"As a customer ,I want to reset my password when an authorization problems occur, so that I could be a effective User"	05	1	To be Started
28	120	"As a customer, I would like to request a bulk order so I can receive my order into my own shop easily without hesitations."	06	2	To be Started
29	121	"As a customer, I would make inquiries so that I could resolve my issues."	04	2	To be Started
32	122	"As a customer, I would like to see authentications so that I could view my account authentications."	2		Done
30	210	"As the Order manager, I want to login the system to maintain orders. So, I can check order details	03	2	To be Started
65	211	"As the order manager, I want to get supplier orders to the system so that I can be able to view all supplier orders data of supplier management system."	1	1	Done
54	212	"As the Order manager, I want to get customer orders to the system so that I can be able to view all customer orders data of customer management system"	4	2	Done
23	213	"As the Order manager, I want to add coupons data calculation to the system so that I can be able to insert customer order data of customer management system"	3	2	To be Started
21	214	"As the Order manager, I want to remove some orders management system data. so that I can get correct details about our orders	4	3	To be Started
	215	"As the order manager, I want to Manage the Approvals after checking orders so that I can give last approval for orders	2	3	To be Started

54	216	“As the order manager, I want to generate a report of History of orders so that I can analyses them.”	1	2	To be Started
34	310	As a user, I want to be able to log in to the system so that I can access the system.	1	2	To be Started
32	311	As a Deliveryman, I want to track the customer locations, So that I can make deliveries easily and efficiently.	1	2	To be Started
12	312	As a deliveryman, I want to update the delivery details, So that I can provide proof of completion of the delivery.	6	2	To be Started
98	313	As a deliveryman, I want to see the information about customers and delivery So that, I can easily identify the product and customer.	6	2	To be Started
89	314	As a customer, I want to see my order list So that, I can identify whether my orders are delivered or not.	4	1	To be Started
66	315	As an Admin, I want to see the order list, vehicle list, and delivery list So that, I can assign orders to the delivery persons.	3	1	To be Started
42	316	As an Admin, I want to generate reports, So that I can analyze monthly and daily deliveries.	4	1	To be Started
43	317	As a user, I want to log out from the system, so that it adds more security to the system.	2	3	Done
19	318	As a deliveryman, I need to upload a driven license to the system So that, Admin can use this information for assigning deliveries.	4	1	To be Started
76	319	As a user, I want to edit my profile So that, I can update my current information in the system.	5	1	Done
65	410	As a customer, I want the system to send me an email So that, I can confirm that the delivery is successful.	3	2	To be Started
41	411	“As an employee, I want to be able to view my personal information in the system so that I can ensure that it is accurate and up-to-date.”	4	3	To be Started

34	412	“As the employee I can request a leave, so that I can get a leave easily .”	2	1	To be Started
37	413	“As an employee, I want to be able to track my time and attendance in the system so that I can ensure that I am accurately paid for my work hours.”	3	3	To be Started
86	414	“As the Admin, I want to login the system to maintain Employee details. So that I can add new employee details.”	2	2	To be Started
99	415	“As the Admin I want to view attendance details of all employees, so that I can track the attendance”	2	2	To be Started
87	510	“As the admin, I want to accept or ignore leave requested by employee, so that I can manage leave requests”	1	1	To be Started
55	511	“As a Payroll Manager, I want to log in to the system so that I can complete my services.”	1	3	To be Started
45	512	“As a Payroll Manager, I want to register into the system, so that I can access the system”	5	3	To be Started
43	513	“As a Payroll Manager, I want to maintain my profile details, so that I can manage my details properly.”	3	2	To be Started
23	514	“As a Payroll Manager, I want to log out from the system, so that it adds more security to the system.”	2	1	To be Started
11	515	“As a Payroll Manager, I want to reset my password, so that I can reset my password if I forget it.”	1	2	Done
21	516	“As a Payroll Manager, I want to generate reports on salary slips, so that I can analysis the employee’s salary.”	4	3	To be Started

09	517	“As a Payroll Manager, I want to view the history, so that I can feel more in control.”	5	1	To be Started
07	518	“As a Payroll Manager, I want to store income and add bonus, so that I can generate financial reports easily.”	5	2	To be Started
65	610	“As the finance manager, I want to login the system to maintain Finance checking. So, I can check funds and assets.	3	3	To be Started
54	611	“As the Financial manager, I want to get supplier data calculation to the system so that I can be able to view all supplier payment data of payroll management system.”	3	1	To be Started
32	612	“As the Financial manager, I want to get payroll data calculation to the system so that I can be able to view all payroll payment data of payroll management system”	2	1	To be Started
31	613	“As the Financial manager, I want to get supplier management system data, customer management data and payroll management data to checking and analyze profit and funds. so that I can get correct details about our fund’s and assets.	6	2	To be Started
56	614	“As the Finance manager, I want to Manage the Approvals after checking funds and profit so that I can cope with the supplier management system and payroll management system successfully.”	1	3	To be Started
76	615	“As the Finance manager, I want to generate a report of History within the month so that I can analyses them.”	3	1	To be Started
78	710	“As a Inventory Manager, I want a login system, so that I can restrict the access for unauthorized users.”	5	1	To be Started
87	711	“As a new admin, I want to register into the system, so that I can access the system.”	2	1	To be Started

89	712	"As an admin, I want to maintain my profile details, so that I can manage my details properly."	1	2	To be Started
65	713	"As an admin, I want to log out from the system, so that it adds more security to the system."	3	3	To be Started
75	714	"As an admin, I want to reset my password, so that I can reset my password if I forget it."	5	2	To be Started
31	715	"As a Inventory manager, I want to manage all final products, so that I can get a better understanding of stocks."	2	3	To be Started
78	810	"As the Supplier Manager, I want to log in to the system so that I can Complete my services."	4	2	Done
87	811	"As the Supplier Manager, I want to register suppliers into the system, so that I can place different orders with the various suppliers"	2	1	To be Started
66	812	"As the Supplier manager, I need to manage suppliers' information, so that I can access the details of suppliers get a better understanding of their products and deactivate suppliers of the system if necessary."	3	3	To be Started
59	813	"As the Supplier manager, I want to manage the inventory requests, so that I can View the request and take necessary steps to fulfil their requests"	3	1	To be Started
57	814	"As the Supplier manager, I want to make orders with the suppliers, so that I can respond to the inventory requests."	2	2	To be Started
53	815	"As the supplier manager, I need to view all the orders I have made so that I can get an idea about all the raw materials orders that happened."	2	3	To be Started
56	816	"As the supplier manager, I need to insert GRN into the system so that I can update inventory to the latest stocks and give the orders payments details to the finance department"	1	3	To be Started
32	817	"As the Supplier manager, I need to manage GRN information, so that I	1	2	To be Started

		can edit the details of GRN in the system if necessary.”			
2	818	“As a valid user, I want to log out from the system, so that it ensures the security of my account.”	2	1	Done
92	819	“As the Supplier manager, I want to generate reports, so that I can manage all the orders and suppliers’ records properly”	3	1	To be Started

12. Sprints

1st Sprint

Specifies The List Of Tasks That Could be done In the 1st sprints

Priority	Product backlog Item	Tasks	User Story ID	Est. Hours	Owner
1	Create database	Create Customer Tables	110	01	IT210304088
		Create Order Tables		01	
		Create Finance Tables		01	
		Create Raw materials Tables		01	
		Create Staff Tables		01	
		Create Delivery Tables		01	
		Create Supplier Tables		01	
		Create Attendance Tables.		01	
1	Add, Update and Delete Products/ Bundles from the system.	Providing an option to add new Order.	119	01	IT21271878
		Give input fields to add relevant details.		0.5	
		Store the newly added Order in the database.		01	
		Display the Orders in the list.		0.5	
1	Update details of raw materials in the production plant	Create “Raw materials” database.	213	0.5	IT21314742
		Create raw material details page.		01	
		Provide an option to update quantity of raw materials.		0.5	
1	View attendance details of staff	Create attendance list page.	214	01	IT21247668
		Implement the attendance search function.		01	
		Add ‘attendance Details’ button		0.5	
		Create the “attendance details” database.		0.5	
		Create attendance details page.		01	
		Implement the function to retrieve production details of a selected product.		01	
1	Manage Products	Create a payroll model.	317	0.5	IT21262654
		Make migration and migrate it to the database.		0.2	
		Create add salary form.		0.5	

13. Kanban

<https://trello.com/b/yBIEkXxj/itp>

