

Sri Lanka Institute of Information Technology



Scrum Activity

ITP2021_S2_WE_G09

Tea Factory Management System

Information Technology Project – IT2080

B.Sc. (Hons) in Information Technology

Project Group ID: ITP2021_S2_WE_G09

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Product Backlog

ID	User Story	Status	Estimate (Days)
01	As an inventory manager, I want to add, update and delete inventory details and update daily and monthly production details, so that I can manage inventory easily.	Not Started	4
02	As an inventory manager, I want to receive alerts and notification when there is over or under stocking, so that it helps to place order to clear out extra stocks.	Not Started	2
03	As an inventory manager, I want to generate reports on items withing the inventory, so that I can update and manage the inventory accordingly	Not Started	4
04	As an inventory worker, I want to scan the model number barcode of incoming stocks, so that I can easily identify and track all products.	Not Started	2
05	As the sales manager I want to add new items, view all existing items, update items details if there is any change, and delete discontinued items, so that I can manage items that we sell in our shop.	Not Started	5
06	As a salesperson, I want to include items in a bill and generate a final bill, so that I can make a bill for the items that customers bought and give it to them after they pay for the items.	Not Started	3
07	As a salesperson, I want to search Items, so that I can check the availability of the item when a customer request that.	Not Started	7
08	As the sales manager, I want to see the previous orders and also wants to generate daily, monthly, and yearly sales report of them, so I can get an idea about the sales of the shop and send it to the factory managers to get their future decisions about the shop.	Not Started	2

09	As an Accountant, I need all the bonuses and OT pays calculated for each employee by the system so that I don't have to waste time doing it manually.	Not Started	6
10	As a factory manager, I need to check for the salary payable of all the employees working under me so that I can pay their salaries properly.	Not Started	4
11	As an accountant, I need a full report on salaries paid so I can update the accounts accordingly.	Not Started	5
12	As an Accountant, I need a report on loans taken by employees from the company and how it affects the salaries so that I can get an understanding on the loans taken by the employees.	Not Started	4
13	As a tea shop manager, I want to add number of tea packets, add tea category, add the weight, update the current stock and delete unwanted product/ packet records, so that I can manage stock of the factory outlet.	Not Started	5
14	As a tea shop manager, I need to generate reports of stock, so that I can know the requirements for stock management of the factory outlet.	Not Started	8
15	As a stock manager, I want to manage all the delivery and supplier details for incoming goods so that I can have more productive supplier relationships and can increase company's efficiency and reduce the amount of time and effort spent dealing with deliveries.	Not Started	5
16	As a stock manager, I want to generate reports according to the stocks changes so that I can know the requirements for stock management of the factory.	Not Started	3

17	As a transport manager, I want to generate monthly vehicle maintenance report so that I can get a description of the maintenance of the vehicles.	Not Started	2
18	As a transport manager, I want to calculate total amount spent for vehicle repairs monthly so that I can calculate the cost of each product and quantity of product needed.	Not Started	4
19	As the Manager, I can check the attendance of employees. So that I can generate an employee attendance report.	Not Started	6
20	As an Employee, I can enter my details under employee details. So that I can insert details, view details, update details and delete details.	Not Started	2
21	As a supplier manager, I want to register the suppliers so that I want to get the suppliers details.	Not Started	2
22	As a supplier manager, I want to generate a supplier inventory report so that I want to get the daily data	Not Started	5
23	As a User, I can log in to the system. So that I can select the desired user category and perform the relevant functions.	Not Started	3



Sprint Backlog

- Step 01

Priority	Product Backlog Items	User Story ID	Estimate (Hours)
1	Login Page	23	20
2	Employee Details	20	30
3	Inventory Page	01	35
4	Vehicle Information	17	20
5	Supplier Registration	21	30
6	Salary Management	11	25
7	Stock Progress	15	25
8	Attendance Page	19	25
9	Tea Shop Stock Management	13	25
10	Tea Shop Sales Management	05	25

- **Step 02**

Priority	Product Backlog Items	User Story ID	Estimate (Hours)
1	Login Page	23	15
2	Employee Details	20	20
3	Inventory Page	01	25
4	Vehicle Information	17	15
5	Supplier Registration	21	15
6	Salary Management	11	15
7	Stock Progress	15	20
8	Attendance Page	19	15
9	Tea Shop Stock Management	13	20
10	Tea Shop Sales Management	05	20