

Sri Lanka Institute of Information Technology

**Electronic Shop System**

Project Proposal

Information Technology Project (IT2080)

2018

Project ID :- ITP-2018-MLB-G1-15

Submitted by:

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Date of submission

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**Product Backlog**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | As a | I want to be able to | So that … | Priority | Sprint | Status | Estimated hours |
| 1 | Administrator | Handle all the inquiries from the members | I have connection with the employees and customers | 20 |  | Done | 15hr |
| 2 | Administrator | Calculate the profit from sales and bills | I can make new decisions for the business | 16 | 5 | Work in progress | 23hr |
| 3 | Administrator | Create rules on my own | I can keep up my business | 17 |  | Work in progress | 12hr |
| 4 | Administrator | Access all the system wide functions | I can find the issues and fix | 18 |  | To be started | 10hr |
| 5 | Administrator | Enter details to help and about pages | Anyone can get an idea about our system | 19 |  | To be started | 8hr |
| 6 | Administrator | Generate sales reports | Anyone can get an idea about our system | 21 |  | Done | 11hr |
| 7 | Administrator | Update payments | I can correct cheque payments of the bill. | 23 |  | Work in progress | 8hr |
| 8 | Owner | Add new items | I get more customers. | 1 |  | Done | 12hr |
| 9 | Owner | View exceed item report | I can add new stocks. | 2 | 1 | Done | 20hr |
| 10 | Owner | View item report | I can view wholesale prices | 3 |  | Done | 12hr |
| 11 | Owner | View stock report | I can view available items | 4 |  | Done | 7hr |
| 12 | Manager | Update stock | I can add discount for the items | 5 |  | Done | 5hr |
| 13 | Cashier | Make a bill | I can calculate cost of the items. | 6 | 2 | Work in progress | 22hr |
| 14 | Customer | Purchase an order | I can buy products | 7 |  | Work in progress | 12hr |
| 15 | Manager | Add employee details | I am aware employees | 8 | 3 | Work in progress | 24hr |
| 16 | Manager | Update Employee details | I can keep employee details up to date | 9 |  | Work in progress | 12hr |
| 17 | Manager | Delete employee details | I can remove unnecessary details | 10 |  | Work in progress | 10hr |
| 18 | Manager | Display notices | I can inform employees easily | 11 |  | Work in progress | 8hr |
| 19 | Manager | View employee details | I can manage them | 12 |  | Work in progress | 7hr |
| 20 | Manager | Keep customer details | I can handle warranty easily | 13 | 4 | Work in progress | 24hr |
| 21 | Customer | Get warranty for products | I can be confident with the product | 14 |  | Work in progress | 15hr |
| 22 | Customer | Give my telephone number as my customer ID | Next time I can remember it easily | 15 |  | Work in progress | 12hr |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **As a** | **I want be able to** | **So that** | **Priority** | **Sprint** | **Status** | **Estimated hours** |
| 23 | Owner | Handle employee salary | I can give salaries to employees | 3 | 5 | Done | 20hrs |
| 24 | Owner | Calculate salary | I can view net salaries of each employee | 5 |  | Done | 10hrs |
| 25 | Owner | View salaries of employee | I can get salary report | 2 |  | Done | 5hrs |
| 26 | Owner | Calculate monthly salary report | I can have an idea of shop profit | 5 |  | To be started | 14hrs |
| 27 | Owner | View employees designation | I can know about each employee basic salary | 5 |  | Done | 2hrs |
| 28 | Owner | View table data of salary | I can see which employee got their salaries | 3 |  | Done | 8hrs |
| 29 | Owner | View table data of salary | I can delete employee salary | 3 |  | Done | 1hr |
| 30 | Owner | View table data of salary | I can update employee salary or date of given | 3 |  | Done | 1hr |
| 31 | Owner | Print salary report | I can give salary report for each employee | 5 |  | Done | 5hrs |
| 32 | Manager | View salary report | I can give salaries to employee | 3 |  | Done | 6hrs |
| 33 | Manager | Send salary report to their personal accounts of interfaces | Employees can see their salary | 5 | 6 | Working in process | 18hrs |
| 34 | Manager | Want to see employees leaves | I can send to owner no of leaves each employee had | 4 |  | Working in process | 12hrs |
| 35 | Manager | Want to log in to leaves application | I can give permission to their leave | 5 |  | Done | 10hrs |
| 36 | Manager | View leaves report | I can update arrival date | 4 |  | Done | 6hrs |
| 37 | Employees | Add leave | I can have leave | 5 |  | Done | 15hrs |
| 38 | Employee | Cancel leave | I can cancel my leave | 3 |  | Working in process | 5hrs |

**01 Sprint Backlog for view Exceed Items**

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Item | Progress | Estimated hours |
| 1 | Database Creation | Done | 5hr |
| 2 | Developing Product Panel | Done | 5hr |
| 3 | Implement Product Panel | Done | 2hr |
| 4 | Connecting to the all the panels | Work in progress | 5hr |
| 5 | Creating Exceed Item Report | Work in progress | 3hr |

**02 Sprint Backlog for Make a bill**

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Item | Progress | Estimated hours |
| 1 | Database Creation | Done | 5hr |
| 2 | Developing Bill Panel | Work in progress | 7hr |
| 3 | Implement Payment Panel | Work in progress | 2hr |
| 4 | Connecting to the all the panels | Work in progress | 5hr |
| 5 | Creating Payment Reports | Work in progress | 3hr |

**03 Sprint Backlog for add new employees**

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Item | Progress | Estimated hours |
| 1 | Draw the wire frame | Done | 2hr |
| 2 | Design user interface | Done | 3hr |
| 3 | Implement the interface | Work in progress | 7hr |
| 4 | Build ER | Work in progress | 2hr |
| 5 | Create database | Done | 3hr |
| 6 | Implement the function | To do | 7hr |

**04 Sprint Backlog for keep customer details**

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Item | Progress | Estimated hours |
| 1 | Draw the wire frame | Done | 2hr |
| 2 | Design user interface | Done | 3hr |
| 3 | Implement the interface | Work in progress | 7hr |
| 4 | Build ER | Work in progress | 2hr |
| 5 | Create database | Done | 3hr |
| 6 | Implement the function | To do | 7hr |

**05 Sprint Backlog for calculate profit**

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Item | Progress | Estimated hours |
| 1 | Database Creation | Done | 5hr |
| 2 | Handling inquiries | Done | 6hr |
| 3 | Calculate profit | Work in progress | 9hr |
| 4 | Connecting to the all the panels | Work in progress | 2hr |
| 5 | Rules and regulations | Work in progress | 1hr |

**05 Sprint Backlog for keep handle Salary**

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Product Backlog Item** | **Progress** | **Estimate Hours** |
| 1 | Developing salary panel | Done | 10hrs |
| 2 | Creating database | Done | 1hr |
| 3 | Developing view salary panel | Done | 4hrs |
| 4 | Developing printing panel | Done | 3hrs |
| 5 | Combined salary panel to main panel | Done | 2hrs |

**06 Sprint Backlog for keep send salary**

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Product Backlog Item** | **Progress** | **Estimate Hours** |
| 1 | Creating salary report panel | Working in process | 12hrs |
| 2 | Retrieve data form database | Working in process | 1hr |
| 3 | Connect salary panel with personal interfaces | Working in process | 3hrs |
| 4 | Successful page developing | Working in process | 2hrs |

**ER Diagram**

