



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2023

Project Charter

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| Title of the Project : | Web Store for a Mobile Shop – Happy Mobile to Mr. P.B.Kodikara | |
| Campus & Batch : | Y2.S2.WE.IT.02.1 | Group No: Group No:TW20 |
| Development Technology : | MERN – Mongo DB Express Js React Js Node Js | |

Description of the Project:

This Project is to develop a web store for a mobile shop named Happy Mobile By Pasindu B.Kodikara that sells and repair mobile phones and accessories.

It provides customers to buy mobiles and accessories online that may help in saving the energy, fuel, time that needed to do the purchase by going to the shop physically. And it also helps to Customers who are unable to arrive to the shop by themselves.

Customer need to register before making any purchases by providing details. After he/she can buy products directly then system process and deliver items to customer's door step.

Also there is section for repair managements that helps to increase efficiency of repairing activities.

Details of the Group Members: *(Provide the details of the group leader in the first row)*

| | Name with Initials | Registration Number | Contact Phone Number | Email |
|----|---------------------------|----------------------------|-----------------------------|------------------------|
| 1. | Wishvajith S.A.S | IT21221378 | 0750191484 | it21221378@my.sliit.lk |
| 2. | Rathnayake M.D.M | IT21202636 | 0776195029 | it21202636@my.sliit.lk |
| 3. | Isheni M.A. K | IT21321122 | 0763998100 | it21321122@my.sliit.lk |
| 4. | Abisheka J.M.M | IT21212086 | 0763113100 | it21212086@my.sliit.lk |
| 5. | M.G.T. Rashmika | IT21167546 | 0716367106 | it21167546@my.sliit.lk |
| 6. | L.A.I Kumara | IT21180484 | 0775878240 | it21180484@my.sliit.lk |
| 7. | A.M.Y.S Abeykoon | IT21187896 | 0788306042 | it21187896@my.sliit.lk |
| 8. | Balamanage T.G | IT20301118 | 0768104844 | it20301118@my.sliit.lk |



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List of Functions Developed by the Group Members:

| | Name with Initials | Brief Description of the Function |
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| 1. | Wishvajith S.A.S | <p>Order Management</p> <p>When Customer going to buy item, System take data from server & display full description about item and calculate total price according to options which are selected by user. If customer want to buy multiple items at the same time, customer can add them in to a cart. Then System store details of selected items by customer. Customer have ability to remove or add more items to the cart. Also Customer can access previous cart list, if he/she had to leave Web site before completing the order.</p> <p>When Customer select an item to purchase he/she need to confirm the order. Then system get order details and store in database. After that system proceed to payment gateway service and store transaction details on the system.</p> <p>This will make easier to made decisions of placing order. Also if customer wants to cancel order, System have refunding ability.</p> |
| 2. | Rathnayake M.D.M | <p>Item Management</p> <p>Manage all item details about items.add new item details such as name, ID, description, image, make changes about item details if have some updates, delete item details once they need to be removed.display all item details according to their categories.</p> <p>There is a section to handle item's stock to add new stocks , update, and delete. The stock amount of the items will be updated according to suppliers' and customers' activities. When stocks are on low, system indicate it to stock manager. A monthly report can be generated by the system about the available stocks.</p> |



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| 3. | Isheni M.A. K | <p>Financial Management</p> <p>This section manages and store all the income and expenses details including, sales, profit, stock expenses, staff salary. Financial manager can manually update above details through the system. And also he can generate financial report.</p> |
| 4. | Abisheka J.M.M | <p>Repair Management</p> <p>When Customer request to repair a device, staff member uses the system to store repair details such as repair id(provided to customer), phone number, repair description. Then system automatically send an job-not through an email to customer. There is a status indication to know about repair details wether it still repairing or to be repair or repaired. Also system can generate monthly report about devices came to repaired. By using this system staff can avoid from repair delay and helps to work productively.</p> <p>After a repair system sends an email about repair status.</p> |
| 5. | M.G.T. Rashmika | <p>Delivery Management</p> <p>After customer made order, system checks wether all the requirements are fulfilled (payment) and get order details, customer details from their profile such as address, phone number and crate interface to place delivery by an staff member.</p> <p>Delivery manager can generate report through system about monthly delivery process.</p> <p>Staff member have ability to assign or re-arrange delivery guy from the system according to availability. After delivered goods deliver guy can send response to system through his unique profile that updates system's delivery status.</p> |
| 6. | L.A.I Kumara | <p>Supplier Management.</p> <p>Admin can add supplier's details into system and remove or update existing details. When stocks become low, admin can contact supplier through the system to request new stock. Then supplier can accept the request or decline according to availability.</p> |



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| 7. | A.M.Y.S Abeykoon | <p>Feed back & inquiry management</p> <p>Customer can rate and give feedback about products after purchasing item. Then System store those feedback and display with each product. That helps to generate report about product rating and reviews.</p> <p>Also customer can inquiry about new upcoming products and any complains from the form located at landing page. Then admin can see those from admin page.</p> |
| 8. | Balamanage T.G | <p>Employee Management</p> <p>Admin can add, update or remove staff member details in to the system. Also admin can send message to employees inform about daily goals. Employees can login to system and view messages send by admin. Also employees have to mark attendance through system before start their daily work.</p> |