



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

Project Charter

Title of the Project :	E-commerce site for selling and buying cake in Nederland (Cake Lounge)	
Batch :	2020 June	Group No:T52
Development Technology :	MERN stack	

Description of the Project:

Cake Lounge is an e-commerce platform for both sellers and buyers. Primary goal of this project is to provide users a platform to buy or sell cakes with an easy-to-use UX and a community which is interested in cake related stuff. The waterfall model will be used for this project since all the requirements are gathered before starting subsequent phases and documentation is important. The platform will have two types of users. Sellers are the type of users that use the platform to sell and promote their cake shops. Every seller has to register with a user account first. They will have to create a virtual shop in order to start selling. The virtual shop will contain everything they need to start selling and promote their shop. They will be provided with analytical tools, financial monitoring tools, order tracking tools and more. The other type of users are buyers. They will use the platform to buying purposes. They can browse through different shops and select the cake they want. Before buying cakes, buyers have to register with a user account and provide payment details. Cake Lounge e-commerce platform will consist of every feature a typical e-commerce platform will have. Carts, wish list, and more. Cakes are only delivered in Nederland as the client is from Nederland and she wants to start a domestic e-commerce platform.

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.	I.S.C.Dharmapriya	IT20661724	0775775368	IT20661724@my.sliit.lk
2.	V.G.S.Randika	IT20662196	0750688759	IT20662196@my.sliit.lk
3.	M.R.J.S.Mallawa	IT20662646	0774178730	IT20662646@my.sliit.lk
4.	M.K.Weerasinghe	IT20643522	0778507614	IT20643522@my.sliit.lk



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

5.	G.D.A.Thennakoon	IT20657628	0719978036	IT20657628@my.sliit.lk
6.	H.A.G.D.Hettiarachchi	IT20166342	0770426486	IT20166342@my.sliit.lk
7.	B.G.C.S.Nanayakkara	IT20651138	0775763061	IT20651138@my.sliit.lk
8.	H.M.R.K.Herath	IT20665548	0770060722	IT20665548@my.sliit.lk

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	I.S.C.Dharmapriya	<p>Administration</p> <p>Admin will have a separate which he will use to log into the admin dashboard. From the dashboard, admin can take following actions.</p> <ul style="list-style-type: none">• Block users (buyers and sellers) or items• Unblock users or items• Message• Approve requests• Generate reports about users• Search for a particular item, shop, user etc.• Remove user or an item• Approve listings
2.	V.G.S.Randika	<p>In-app message management</p> <p>In-app message management involves,</p> <ul style="list-style-type: none">• forwarding messaging to recipients.• Provide an interface for messaging purpose.• Delete message from the interface• Update the inbox to preview latest messages• Search for particular message using search box• Generate a report of the chat history



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

3.	M.R.J.S. Mallawa	<p>Buyer management</p> <p>The buyer sign-up to the system, he/she will place orders from the go-cart. once the buyer clicks the button to shop for things, then the buyer enters to the order page. Buyer should enter order details, the buyer will edit order details, the buyer will delete things, and buyer will cancel the order. After that, calculate the entire quantity to pay and show it to the buyer. Buyer can select the order by searching the products using search bar.</p> <p>Similarly, as send the order receipt to the buyer via email. Finally, generate the report that is together with all the order details and thanking for order.</p>
4.	H.M.R.K. Herath	<p>Seller management</p> <p>Here first seller must create a registration/sign page to register into this site. Then we must create a login form to login to the site by entering the email and password. The email and password must be validated. Not only that seller can update the relevant seller account details, and if the seller wants to deactivate the account, he can delete all the account details. And sellers can add items/products into the site. Seller can delete the items he added. He can search the items he added into this site. Finally, seller can view the report of all the seller details and added product/ item details.</p>
5.	M.K. Weerasinghe	<p>In Advertisement management function seller can create and edit the Advertisement. Therefore, seller must make a request to the Admin. admin can accept the request or declined. When Admin accept the request, it will appear in seller account as a pop-up notification saying that the admin approved the request. In seller account we can see the pending, approved, declined request list. After creating an Advertisement in seller side, the seller can change or delete the Advertisement. If seller want to change the Advertisement, it must send another request to the Admin. After approved it by Admin, the seller can change the Advertisement. There is another function in seller account which is search bar. It can search the Advertisement by typing an Advertisement id. Seller also can generate an Advertisement report to make things look better.</p>
6.	B.G.C.S. Nanayakkara	<p>Product management</p> <p>In product management function seller can create and manage product. Sellers add product and product details to the system. Seller can update product, if you want seller can delete product and preview the relevant product details and view the report of</p>



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

		<p>all the product details. We can search and display product according to the search keyword in search bar. We include categories and generate reports based on best-selling product according to ratings and display it to the admin.</p>
7.	G.D.A. Thennakoon	<p>Order management</p> <p>In here, a registered user can order items. When user choose item that he/she wants to buy and click the Item user goes to the order page. In the order, page user. can enter order details, user can change order details</p> <p>And the user can delete orders as well as user can update (change the cake type, weight, etc..) the order before seller confirm the order. then calculate total amount</p> <p>And display to the user. When the order is done, the payment Receipt sends to the user via email. Finally, generate a report Including all the order details. Also, user can get reports. of his/her orders and payment details. User can find his/her order by clicking my orders tab.</p>
8.	H.A.G.D. Hettiarachchi	<p>Shopping cart management</p> <p>shopping cart is the explicit piece of software that lets customer browse through items.</p> <p>It can access the inventory and can update the information of cakes as the customer decides which items to buy.</p> <p>It shows the value of all items in the cart at the moment and if necessary, the customer must be able to view value of different cakes too. Description, ingredient, Weight can also be viewed. Customer can see his bill being built up as he continues shopping because of the shopping cart, and it should continue providing this service until the final bill is created.</p> <p>User can add the items to the cart or Wishlist. After that if the user wants to change the details, he/she can update it.</p> <p>Not only that when the user opens the cart, he or she can view all the items that he / she added to the cart. And He / she can delete unnecessary items in the cart. Search filters enable users to filter out what's not relevant to them and narrow down their product options so Customer can search the item in the cart that he/she already added to the cart.</p> <p>As well as customer can generate a report of the cake items which he/she added to the cart.</p> <p>Wish lists essentially let visitors save items for later.</p>



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

		a wish list allows them to add and remove items so they can easily find what they're looking for when they do decide to return.
--	--	---