



GROUP 1

Team Members:

Ruchika Dhungana

Suzuse Rai

Prashant Singh Basnet

Suman Thapa

Ajay KC

Mohit Shah

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INITIATION PHASE

1.1 Project Charter

Project Title: Clecks E-market

Project Sponsor: The British College, Thapathali, Kathmandu

Project Manager: Mr Rohit Pandey

Team leader: Ruchika Dhungana

Date Prepared: 21st February 2020

Project Customer: Leeds Beckett University

Targeted Customer: Citizens of Cleckhuddersfax

Version Control

Versi on	Date	Summary of changes
1	21/02/20 20	<i>Project planning and project charter.</i>
2	15/05/20 20	Duration extension for backend

Project Justification

The website allows users to shop goods online which are available at many small shops in Cleckhuddersfax's suburb. To accomplish this, it provides a user-friendly interface to the users so they can navigate the shops on the basis of the types of products they sell, thus simplifying browsing process. The website has a registration facility to register new users as well. Furthermore, it includes a feature to store the selected/preferred products by users before proceeding to the payment formalities. Meanwhile, an electronic bill with all details of the products (of any category) selected is generated. In this way s/he can review the electronic bill before making the payment. Definitely, the products can be updated in the bill. However, only a registered user can make the purchase. A registered user also gets an access to update his/her account details when necessary. Summing up, users can always double-check their choice prior to payment.

The website provides traders (store owners) facilities to update products; keep records of the stock, receive an order notification, reminder in case of low stock and generate records on the sales.

Features such as weekly report on delivered products, weekly reports for traders are also included in this website for admins.

In addition, it provides an effective and reliable online shopping facility to its users; meanwhile, ensuring the fact that the computerized shopping assists the local small markets competing to maintain their identity in the society of Cleckhuddersfax's suburb.

Project Scope

The main objective of this project is to build an e-commerce website with Specific, Measureable, Achievable, Relevant, Time Bound features:

- *Create a website that features a user-friendly interface, database access for sellers and periodic reports for managements.*
- *Build the website completely making full use of available resources, budget and time.*
- *Maintain the website regularly for better service and higher sales*
- *Expand the business by increasing the number of traders eventually*

Customer Interface:

- *The website features login/registration system for customers*
- *Focusing on a user-friendly environment, search and navigation facility of products is available.*
- *It features single basket that can hold products from all traders.*
- *Users need to validate their account after registration and account updates through their respective email.*
- *These products will have unique ID which will be associated with traders as well as product description, item price, quantity per item, stock available, minimum-order, maximum-order and allergy information too*
- *To have payment scheme offering PayPal gateways.*

Trader Interface:

- *It provides a platform for five traders and initially supports maximum ten shops.*
- *Each traders will have unique products so that it won't overlap with products from other traders leading to more varieties of products for customers.*
- *Traders have their individual interface to manage their products and their information on their shops via same website which also allows them to add, delete and update.*
- *Products will be updated in database on daily basis so that traders can view reports on their system dashboard which helps them to amend all the products.*

Management Interface:

- *This website facilitates a management dashboard from which all the traders' dashboards can be managed.*
- *The dashboard will give daily and periodic reports to the traders which also includes weekly finance report which will identify*

payments to be made to them resulting from previous 7 days reports. These reports will only cover orders that have been successfully collected by customers. And they provide an insight on potential error which allows management to omit those errors by informing the respective traders to work on that particular issue.

- *Furthermore, generating monthly reports to the traders on their products sales allows then to run the report ordered in numbers of ways like alphabetically, by total number of orders per product, by total income per product.*

Major Deliverables:

- *Link e-commerce site with a systematic database system through management/trader interface.*
- *Website with user-friendly and device-friendly interface.*

Duration

We have divided the project for each team members to work on the basis of following timeline:

- In 3rd week, we will send a project charter.*
- In 4th week, Documents will be done and ERD, UML and Wireframe will be started.*
- In 5th week, ERD, UML will be ready and Front-End will be started.*
- In 6th week, the Front-End will be finished then Back-End will be begin.*
- In 17th week, Final draft will be ready.*

Estimated Budget

*Our team will be working five days a weeks with estimated time of three hours per day for the completion of this project. In the span of 13 weeks, the total working days to work on this project will be 63 days by excluding non-working days which is estimated to be around 31 days i.e. public holidays and weekend. So, total days to finalize this project would be 60 days. Then 60 days *3 hours (per day) gives 180 hours. Thus the total hours for the completion for this project is estimated to be 180 hours.*

Roles and Responsibilities

Name	Role
Ruchika Dhungana	<i>Coordinator, Specialist</i>
Prashant Singh Basnet	<i>Monitor, Complete Finisher</i>
Mohit Shah	<i>Implementer</i>

<i>Suzuse Rai</i>	<i>Shaper, Plant</i>
<i>Suman Thapa</i>	<i>Resource Investigator</i>
<i>Ajay KC</i>	<i>Team Worker</i>

1.2 Meeting and Minutes

Week	Date	Place	Meeting Days	Meeting time	Meeting Agendas	Participants
Week 3	19/2/2020	The British College	Wednesday	9:00-11:00	Discuss on the case study, Divide the roles between the team members	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	20/2/2020	The British College	Thursday	9:00 - 11:00	Discuss on the project justification and project scope for Project Charter.	
	21/2/2020	The British College	Friday		No Meeting	
Week 4	26/2/2020	The British College	Wednesday	9:00-10:30	Discuss the Belbin analysis and skill audit	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	27/2/2020	The British College	Thursday	9:00-11:00	Finalize the Belbin analysis and skill audit	

	28/3/2020	The British College	Friday	9:00-10:00	Discuss on ERD and EERD	
Week 5	4/3/2020	The British College	Wednesday	9:00-11:00	Discuss on ERD, EERD and divide the work between the team members	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	5/3/2020	The British College	Thursday	9:00-11:00	Discuss the functional and non-functional requirements	
	6/3/2020	The British College	Friday	9:00-11:00	Discuss and finalize the ERD,EERD and Composite diagram	
	11/3/2020	The British College	Wednesday	11:00-12:00	Discuss the Use Case Diagram and divide the work between the team member	
week 6	12/3/2020	The British College	Thursday	9:00-12:00	Finalize the Use Case Diagram	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	13/3/2020	The British College	Friday	9:00-10:00	Discuss the wireframe	

		ge				
week 7	16/3/2020	The British College	Monday	10:00-11:00	Divide the wireframe and webpages between the team member	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
Week 8-11	15/4/2020	Slack and Google Meet	Wednesday	1:00-2:00	Divide the work on backend codes	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	16/4/2020	Slack and Google Meet	Thursday	-	No Meeting	
	17/4/2020	Slack and Google Meet	Friday	1:00-2:00	Discuss on codes	
Week 12	22/4/2020	Slack and Google Meet	Wednesday	4:00-5:00	Discuss on updates	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	23/4/2020	Slack and Google Meet	Thursday	-	No Meeting	
	24/4/2020	Slack and Google Meet	Friday	-	No Meeting	
Week 15	6/5/2020	Slack and Google Meet	Wednesday	7:00-8:00	Discuss on updates	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	7/5/2020	Slack and Google Meet	Thursday	-	No Meeting	
	8/5/2020	Slack and Google	Friday	-	No Meeting	

		Meet				
Week 17	27/5/2020	Slack and Google Meet	Wednesday	5:00-6:00	Discuss on oracle tables	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	28/5/2020	Slack and Google Meet	Thursday	-	No Meeting	
	29/6/2020	Slack and Google Meet	Friday	-	No Meeting	
Week 18	3/6/2020	Slack and Google Meet	Wednesday	7:00-8:00	Discuss on Project Presentation Plan	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	4/6/2020	Slack and Google Meet	Thursday	-	No Meeting	
	5/6/2020	Slack and Google Meet	Friday	-	No Meeting	
Week 19	10/6/2020	Slack and Google Meet	Wednesday	-	No Meeting	Ruchika, Prashant, Mohit, Suzuse, Ajay, Suman
	11/6/2020	Slack and Google Meet	Thursday	2:00-3:00	Discuss on Team Portfolio	
	12/6/2020	Slack and Google Meet	Friday			

PLANNING PHASE

2.1 Belbin's Analysis (TEAM)

Version:1.0	Belbin's Analysis		Date reviewed:2/27/2020
Primary role	Ruchika Dhungana	Coordinator	
	Suzuse Rai	Plant	
	Mohit Shah	Implementer	
	Ajay Kc	Team Worker	
	Prashant Basnet	Monitor Evaluator	
	Suman Thapa	Resource Investigator	
Secondary role	Ruchika Dhungana	Specialist	
	Suzuse Rai	Shaper	
	Mohit Shah	Shaper	

	Ajay Kc	Resource Investigator
	Prashant Basnet	Complete Finisher
	Suman Thapa	Plant
Least likely role	Ruchika Dhungana	Resource Investigator
	Suzuse Rai	Team Worker
	Mohit Shah	Plant
	Ajay Kc	Implementer
	Prashant Basnet	Team Worker
	Suman Thapa	Shaper
Do you think the descriptions of these roles are an accurate description of your behaviour in teams? How do you see yourself differently?	Ruchika Dhungana	Yes, I do think the descriptions of my behaviour in the team is accurate because I feel I can do my best when I am the one in charge. I work well under pressure and make level-headed decisions all the while taking consideration of my fellow members' opinion. However, I do understand the importance of being responsible in leading a group and doing it with complete transparency and unbiased judgement unlike mentioned in the description.
	Suzuse Rai	Yes, I feel like the descriptions of the roles are nearly accurate description of my behaviour in my team. I believe in 'thinking out of the box' and in solving problems in creative ways. I also like encouraging my fellow team members to complete their tasks and remind them of our end goal.
	Mohit Shah	Yes, I do feel like the descriptions of the roles that are given to me are somehow correct to the description of my behavior in my team. I truly feel I create workable plan to keep working in the project and

		helping my team with the obstacles they face during the project with creative ideas.
	Ajay Kc	Yes, the role of someone who is always looking at the positive side of issues, who brings an upbeat perspective.
	Prashant Singh Basnet	I think the descriptions are almost accurate in terms of my behaviours in my team because I have been tackling with project issues in a sober and unbiased manner so far. Also, I have been too critical and rational in identifying errors before preparing the final draft.
	Suman Thapa	I think the descriptions are almost accurate in terms of my behaviours in my team because I can bring ideas and information back to the side. Gets around, meets people, poses questions, and finds treasure in unexpected spots. Easily integrated into the team, contacts prevent the unit from stagnating and promotes communication.
Are there roles identified by Belbin that you might like to develop in yourself more? Which ones and why?	Ruchika Dhungana	I would like to develop the skill of a PLANT in myself more because creative, imaginative, free-thinking are qualities I aspire to have. I believe having these skills can be a key for personality development.
	Suzuse Rai	I would like to develop the skills and characteristics of Complete Finisher as I want to be able to polish and give finishing touch to projects.
	Mohit Shah	I would like to develop the skills and characteristics of plant as I want to be Creative, imaginative, free-thinking, generates ideas and solves difficult problems.
	Ajay Kc	There are many roles in Belbin analysis but I likely to choose team worker because it helps the team to form, using their versatility to identify the work

		required and complete it on behalf of the team.
	Prashant Singh Basnet	I would like to develop the character of looking for all options while working on project and also staying motivated most of the time. This might help me to remain open minded and show more efficiency in my work.
	Suman Thapa	The role that is identified by Belbin that I like to develop in myself more is Plant because this role helps me to motivate myself to be highly creative and good at solving problems in unconventional ways.
What possible situations in the coming months can you identify where you could work on developing these skills?	Ruchika Dhungana	Our team's goal is to develop a high functioning e-commerce website. And as a member of the team, I would like to bring creative and innovative inputs to implement in the website. So, in order to deliver a quality website I can see myself developing these skills.
	Suzuse Rai	I think on the situations where the group faces some obstacles and when the team starts losing focus on the project the skills mentioned can be developed.
	Mohit Shah	In my thought, where my team will have to face problems is when they get stuck in problems where they are weak and start losing focus from the project and the skills mentioned can be developed.
	Ajay Kc	Take the time for analyse the situation, think of all possible scenarios, and if possible, ask for some time to go and some research to find out more.
	Prashant Singh Basnet	Situations such as making an acute judgement in the works of my peers; suggesting necessary changes in the works before preparing final draft might be some possible situations.
	Suman Thapa	Yes, I would like to develop the role as coordinator. The distinguishing feature

		of Coordinators is their ability to cause others to work towards shared goals. Mature, trusting, confident, and delegate readily. This skill helps to perform better in dealing with colleagues of near or equal rank than in directing junior.
Considering your team working, how do you think you could improve your effectiveness in group work and in contributing to the success of teams that you work in?	Ruchika Dhungana	When it comes to working in a team, every members' proficiency and interest should be considered before reaching a decision especially when you are in charge of task division and leading the group. So, keeping that in mind, I would like to improve my communication skill with other team members to be able to encourage them to participate more.
	Suzuse Rai	I will contribute to the group work by giving creative ideas for solving problems and also by encouraging my team members in finishing the tasks assigned to them.
	Mohit Shah	I will come up with new and creative ideas that will help the group work for solving problems, And also by supporting and helping my team members in finishing the tasks in time assigned to them.
	Ajay Kc	By identifying problems, setting smart goals in team, defining the team member's, encouraging friendship with group member's and collaboration can make teamwork easier.
	Prashant Singh Basnet	I could further contribute to the welfare of the team by not becoming overly sceptical in my judgements on the works of other team members. Developing an encouraging attitude to help team members rectify the errors in their works can be an effective way to implement this technique.

	Suman Thapa	I could contribute to my team by not becoming overly optimistic; lose enthusiasm once the initial eagerness has passed. Being able to listen to the ideas of others and build on them suggests.
Are the results of this inventory consistent with how you worked in the Foundation Project in your small groups for discussions and presentations?	Ruchika Dhungana	Yes, the results of this inventory is fairly consistent during group discussions and presentations because it has helped me realize my strength and how to put it to good use for better performance.
	Suzuse Rai	Yes, the results of this inventory are consistent with how I worked on foundation project for discussions and presentations.
	Mohit Shah	Yes, It has been consistent because I have worked as plant which tends to be highly creative and good at solving problem, implementer to plan a workable strategy and carry it out efficiently as possible, and also as shaper to ensure that the team keeps moving and does not lose focus.
	Ajay Kc	Identifying from the last project and involved listing those specific components that, taken together, make up a complete piece of work.
	Prashant Singh Basnet	The results are almost consistent. Obviously, under certain circumstances I had to switch roles; for an instance, as an implementer and shaper during documentation section till the date.
	Suman Thapa	Yes, the results of this inventory are consistent. If any team member needs help or finds it difficult to perform the task given to them then in i am willing to help them in order to complete the task.
How well did you contribute to group presentations?	Ruchika Dhungana	Being an enthusiastic member of the group, I understand the importance of combined team effort therefore, I want to sincerely partake in group presentation or

		any other discussion that needs my contribution.
Suzuse Rai	I want to offer all I can for group presentations. I am willing to learn and research on criteria I am weaker at and fulfil the tasks assigned to me.	
Mohit Shah	I want to give all hard works and my ideas that I can offer to my group presentations. I am eager to learn, contribute and research on criteria where I am weak, and fulfil the tasks assigned to me with my hard work.	
Ajay Kc	Worked as a Team Worker, so I contribute that I can provide support and make sure that people within the team are working together effectively.	
Prashant Singh Basnet	To contribute to the group presentations well, I will stick to my duties identified by the Belbin analysis and also follow my work description. I will also give my best input to accomplish the tasks.	
Suman Thapa	In group presentations, I will be giving a description on the task that I have chosen to perform. And also Properly present the team work that we have done as a team.	

2.2 SKILL AUDIT

TEAM SKILL AUDIT

N O #	Skill Required	Skill Level (1- 5)	Training Action	Training Objective	Tim e (hrs .)	Training Completion Deadlin e	Training for?
1	HTML	2	Follow Youtube,w 3school and Revise previous semester	Use HTML proficientl y to build front end design	1	2/27/2020	Ruchika, Suzuse, Ajay
2	PHP / CRUD	3	Revise previous semester lectures	Be able to perform CRUD functionali ties	3.5	3/17/2020	Suzuse, Suman, Ajay, Ruchika
3	PHP / cookies	2.5	Follow YouTube, Udamy and research.	Become confident in using cookies and create add to favourite section	4.5	3/20/2020	Prashant, Mohit, Suzuse, Suman, Ajay, Ruchika
4	PHP /sending mails	1.5	Follow YouTube, Udamy and research.	Become able to set up send confirmation mail	3.5	3/21/2020	Prashant, Mohit, Suzuse, Suman, Ajay, Ruchika
5	CSS	3	Follow YouTube, w3school, udemy and research.	Use high-end CSS features to enhance	2	3/6/2020	Suzuse, Suman, Ajay, Ruchika, Prashant

				front-end design and make website responsive			
6	JavaScript	2.5	Follow w3schools, revise previous semester lectures	Become more confident in the use of Java Script validation.	4.5	3/8/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
7	SQL	2.5	Revise previous semester lectures on queries	Perform SQL queries efficiently according to the requirement.	3.5	3/10/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
8	Apex Oracle	2.5	Revise previous semester lectures and YouTube	Be able to creating dashboard s, reports, master details, and charts in application oracle.	5	3/14/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
9	MS Project	2	Follow class lectures	Be able to handle basic requirements of Ms-Project	4	3/16/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
10	ERD designing	3	Take reference from books and lecture.	Be able to design ERD according to the need of project	5	3/3/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
11	Use Case Diagram	2.5	Take reference from books and lecture.	Be able to design Use Case Diagram	4.5	3/4/2020	Suzuse, Suman, Ajay, Ruchika, Prashant, Mohit
12	API	1.5	Research and follow	To be able to use	7	21/3/2021	Suzuse, Suman,

			udamy tutorials	PayPal API on the project properly			Ajay, Prashant, Mohit
13	Documentation	3	Research	Present documents that describe the project in the required format	1.5	10/3/2019	Suzuse, Ajay, Ruchika, Prashant, Mohit

INDIVIDUAL SKILL AUDIT

Ruchika Dhungana:

Date Reviewed: 2/27/2020			Completed By:Ruchika Dhungana	Version : 1	Skill Level: 1 (No Knowledge) - 5 (Competent)		
NO#	Skill Required	Skill Level (1- 5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	PHP Programming	3	Revise from previous semesters and follow w3schools website.	Be proficient in using PHP CRUD functionalities, email validation, searching/sorting, etc.	7	15/3/2020	Ruchika Dhungana
2	SQL Query	3	Revise past lectures and tutorials	Perform queries efficiently according to the requirement.	4	18/3/2020	Ruchika Dhungana
3	JavaScript	2	Follow learning website/tutorials on JS	Become more confident in the use of Java Script validation.	5	6/3/2020	Ruchika Dhungana
4	HTML	3	Revise past lectures and tutorials	Use HTML proficiently to build front end design	3	1/3/2020	Ruchika Dhungana
5	CSS	3	Revise past lectures and tutorials	Use high-end CSS features to enhance front-end design.	1	2/3/2020	Ruchika Dhungana
6	Apex Oracle		Revise lectures and tutorials from 3 previous semester.	Build a high-functioning and systematic database system.	5	5/3/2020	Ruchika Dhungana
7	ERD/UML	2	Take reference from books and lecture.	Become more skilled in the building ER diagram.	5	3/3/2020	Ruchika Dhungana
8	API	2	Take reference from books and website	Become more skilled in building a functional API	6	30/03/2020	Ruchika Dhungana
9	Documentation	4	Revise lecture and tutorials.	Present documents that describe the project in the required format	1	29/2/2020	Ruchika Dhungana
10	Ms-Project	2	Revise lecture and tutorials.	Be able to handle basic functions of Ms-Project	3	5/3/2020	Ruchika Dhungana
Total= 40							

Suzuse Rai:

Date Reviewed:			Completed By: Suzuse Rai	Version 1	Skill Level: 1 (No Knowledge) - 5 (Competent)		
NO#	Skill Required	Skill Level (1-5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	HTML	3	Revise previous semesters works as well as w3schools	Become more confident in the use of MS Project.	2	3/4/2020	Suzuse Rai
2	PHP Programming / CRUD	2	Research on websites like w3school, youtube and revise previous semester's works	Be able to make proper use of CSS grids	4	3/5/2020	Suzuse Rai
3	PHP Programming using cookies	2	Research on websites like w3school, youtube and revise previous semester's works	To be able to make login and add to cart	4	3/6/2020	Suzuse Rai
4	PHP Programming sending emails	1	Research and youtube	To be able send email for conformation and sending information	5	3/8/2020	Suzuse Rai
5	CSS	3	Revise previous semesters works as well as w3schools	Be able to make proper use of CSS grids as well as make website responsive	4	3/9/2020	Suzuse Rai
6	JavaScript basics	2	Research on websites like w3schools	Become more confident in the use of JavaScript features	5	3/11/2020	Suzuse Rai
7	JavaScript form validation	2	Research on websites like w3schools	Be able make proper use of JavaScript on login and registration forms	5	3/13/2020	Suzuse Rai
8	SQL	2	Revise previous semester's works as well as lectures	Be able to use queries for the database part of the project	5	3/15/2020	Suzuse Rai
9	Apex Oracle	2	Revise previous semester's works as well as lectures	Be able to make necessary charts, reports, dashboard, etc.	6	3/18/2020	Suzuse Rai
10	MS Project	1	Follow Class lectures and practice	Keep record of the team works' information	4	3/4/2020	Suzuse Rai
11	ERD Diagram	3	Revise previous semester works and lectures	Become confident on making ERD diagram	5	3/28/2020	Suzuse Rai
12	Use Case Diagram	2	Follow Class lectures and practice as well as youtube	Become confident on making Use Case Diagram	5	3/1/2020	Suzuse Rai
13	API	1	Research	Be able to make proper use of API	5	3/21/2020	Suzuse Rai
14	Documentation	1	Follow up lecture classes and research	Become confident on making and documents	4	3/7/2020	
Total = 63							

Suman Thapa:

Date Reviewed: 02/29/2010			Completed By: Prashant Singh Basnet	Version 1.0	Skill Level: 1 (No Knowledge) - 5 (Competent)		
NO#	Skill Required	Skill Level (1-5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	HTML	3.5	Follow Youtube,w3school and Revise previous semester	Become more confident in using HTML	2	2/25/2020	Suman Thapa
2	PHP / CRUD	3	Revise previous semester lectures and Follow youtube	Be able to understand CRUD concept	2	2/28/2020	Suman Thapa
3	PHP / cookies	2.5	Follow Youttube,udamy and reaserch.	Become confident in using cookies and create add to favorite section	4	3/3/2020	Suman Thapa
4	PHP /sending mails	2	Follow Youtube,udamy and reaserch.	Become able to set up send confirmation mail	4	3/8/2020	Suman Thapa
5	CSS	3	Follow YouTube,w3school,udamy and reaserch.	Be able to make website responsive	2	3/12/2020	Suman Thapa
6	JavaScript/basics	3	Follow w3schools, revise previous semester lectures	Become confident in using JavaScript for pop-ups and others	3	3/15/2020	Suman Thapa
7	JavaScript/form validation	2.5	Follow w3schools and research	Become confident in using JavaScript, particularly in designing login/register form with validations.	5	3/18/2020	Suman Thapa
8	SQL	3	Revise previous semester lectures on queries	Be able to make proper use of SQL In database	4	3/22/2020	Suman Thapa
9	ApexOracle	2.5	Revise previous semester lectures and youtube	Be able to creating dashboards, reports,masterdetails, charts in application oracle.	5	3/25/2020	Suman Thapa
10	MS Project	3	Follow class lectures	To be able to be proficient in using MS Project for the assignment	5	3/28/2020	Suman Thapa
11	ERD designing	3.5	Revise previous semester lectures	Be able to design ERD according to the need of project	4	4/1/2020	Suman Thapa
12	Use Case Diagram	3	Revise previous semester lectures and youtube	Be able to design Use Case Diagram	3	4/4/2020	Suman Thapa
13	API	2.5	Research and follow udemy tutorials	To be able to use PayPal API on the project properly	8	4/9/2020	Suman Thapa
14	Documentation	3.5	Research	To be able to describe the project	2	2/1/2020	Suman Thapa
Total Hours						53	

Ajay Kc:

NO#	Skill Required	Skill Level (1-5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	PHP Programming / CRUD	2	Research on www.w3schools.com and revise previous semester lectures and assignment	Become confidentin building CRUD with PHP and MySQL	5	2/20/2020	Ajay kc
2	PHP Programming USING COOKIES	2	Research on www.w3schools.com and revise previous semester lectures and assignment	Become Confident in using cookies and create add to carts	3	3/10/2020	Ajay kc
3	Java Script	2	Research on www.w3schools.com	Able to make login/register form with validationc.	4	2/29/2020	Ajay kc
4	HTML	3	Research on www.w3schools.com	Become more confident in the usde of HTML	1	1/23/2020	Ajay kc
5	CSS	3	Research on www.w3schools.com	Use of CSS grids as well as make website responsive	1	2/24/2020	Ajay kc
6	Apex oracle	2	Revise from Previous semester lectures and assignment	Creating dashboards, reports, charts in application oracle.	6	2/21/2020	Ajay kc
7	API	1	Researching on www.javatpoint.com	Use for payment method on the project	7	2/26/2020	Ajay kc
8	ERD/UML	2	Revise from Previous semester lectures and assignment	Become confident on making ERD diagram for the project	4	2/27/2020	Ajay kc
9	Ms-Project	3	Follow Class lectures	Become more confideng in the use of ms-project for the project	4	3/21/2020	Ajay kc
10	SQL	2	Revise from Previous semester lectures and assignment	Use of SQL in database section for the project	4	3/22/2020	Ajay kc
11	PHP Programming sending emails	1	Research on youtube on using PHP mail section	To be able send mail it helps to provide information of the project	6	3/23/2020	Ajay kc
12	Documentation	2	Research on youtube	To be able to describe the project	3	2/20/2020	Ajay kc
Total hours						48	

Mohit Shah:

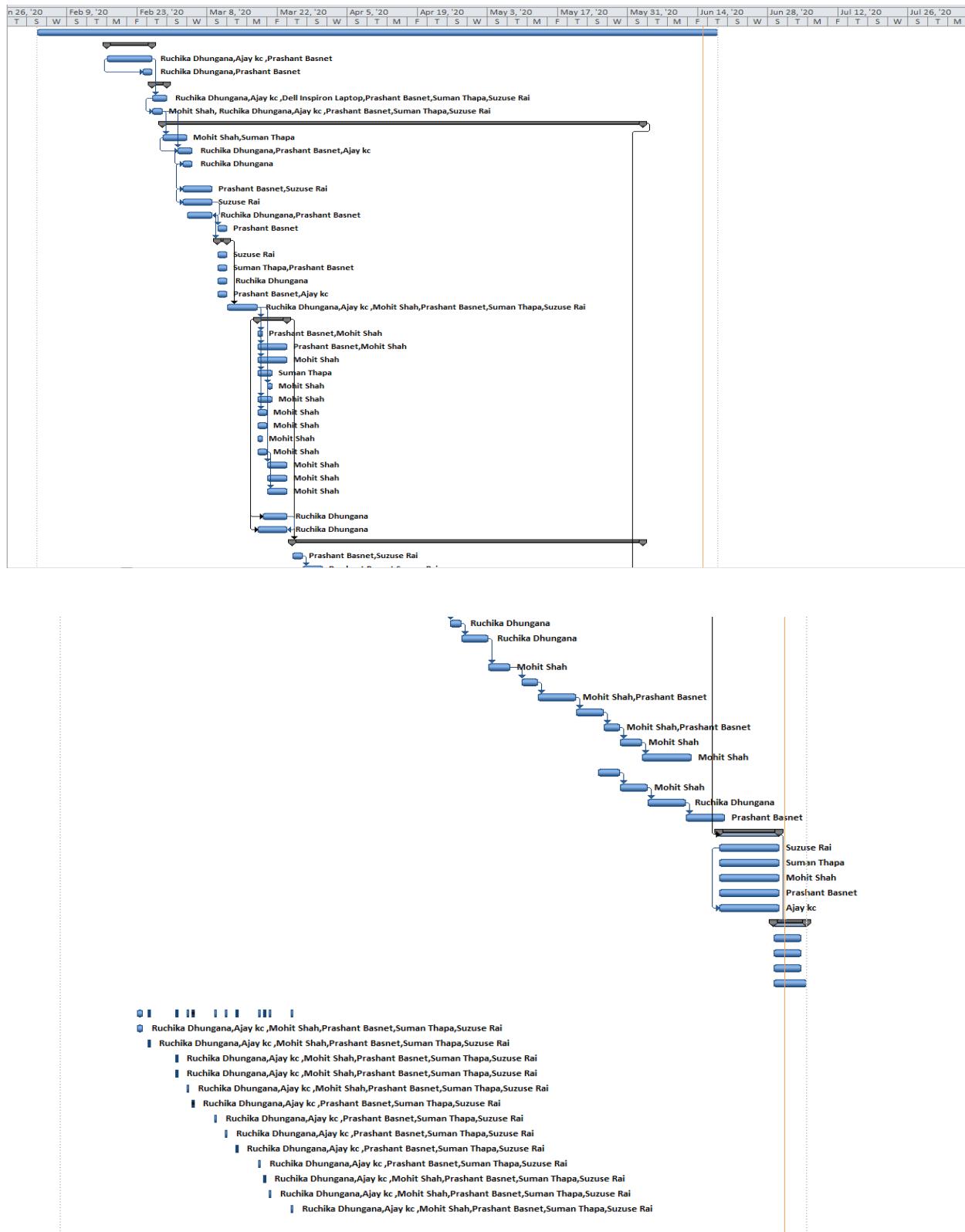
NO#	Skill Required	Skill Level (1- 5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	PHP Programming/Using cookies/CRUD	3.5	Follow tutorials on Youtube on using cookies	Should be able to use cookies and create add to favourite section and CRUD for backend	9	3/5/2020	Mohit shah
2	Programming/send mail	2	Follow tutorials on udemy on using php mail section.	Become able to set up mail using pup	3	3/6/2020	Mohit shah
3	CSS	4	Go through www.w3school.com	Should be able to make website responsive and also further enhance design	2	3/5/2020	Mohit shah
4	HTML	4	Go through www.w3school.com	Should be able to create website design	2	5/3/20	Mohit shah
5	JavaScript	2	Follow w3schools and research	Become more confident in using JavaScript, particularly in designing	6	3/9/2020	Mohit shah
6	SQL	3	Revise from previous assignment and semester lectures	To be able to make proper use of SQL in database section of the project	3	3/7/2020	Mohit shah
7	ApexOracle	2.5	Revise from previous assignment and semester lectures	Improve and be confident in creating dashboards, reports, charts in application oracle.	4	3/11/2020	Mohit shah
8	MS Project	1	From project management classes	To be able to prepare Gantt Chart	4	3/8/2020	Mohit shah
9	ERD designing	3	Revise from previous assignment and semester lectures	To design ERD according to the requirements of project	6	3/8/2019	Mohit shah
10	API	1	Researching and learning	To be able to use PayPal API in the project for the payment method.	8	3/18/2019	Mohit shah
11	Documentation	3	Research and classes of project	To be able to explain the project	2	17/3/20	Mohit shah
						49	

Prashant Singh Basnet:

NO#	Skill Required	Skill Level (1- 5)	Traning Action	Training Objective	Time (hrs)	Training Completion Deadline	Traning for?
1	HTML	3.5	Go through developer.mozilla.org and revise earlier semester lectures	Become more confident in using HTML	0.5	2/27/2020	Prashant Singh Basnet
2	PHP programming/ CRUD	4	Revise previous semester lectures and lab work	Become more confident in CRUD concepts	1	2/28/2020	Prashant Singh Basnet
3	PHP Programming/using cookies	3	Follow tutorials on Youtube on using cookies	Become confident in using cookies and create add to favorite section	4	3/1/2020	Prashant Singh Basnet
4	Programming/sending	1	Follow tutorials on Youtube on using php mail section.	Become able to set up php mail	4	3/3/2020	Prashant Singh Basnet
5	CSS	3	Go through developer.mozilla.org	To be able to make website responsive and also further enhance design	1	3/4/2020	Prashant Singh Basnet
6	JavaScript/basics	3	#NAME?	Become more confident in using JavaScript for pop-ups and others	4	3/8/2020	Prashant Singh Basnet
7	JavaScript/form validation	2	Follow w3schools and research	Become more confident in using JavaScript, particularly in designing login/register form with validations.	4	3/10/2020	Prashant Singh Basnet
8	SQL	3	Revise previous semester lectures on queries	To be able to make proper use of SQL in database section of the project	3	3/14/2020	Prashant Singh Basnet
9	ApexOracle	2.5	Revise previous semester lectures	Become confident in creating dashboards, reports, charts in application oracle.	5	3/16/2020	Prashant Singh Basnet
10	MS Project	1	Follow class lectures	To be able to be proficient in using MS Project for the assignment	3		Prashant Singh Basnet
11	ERD designing	3	Revise previous semester lectures	To be able to design ERD according to the need of project	4	3/18/2019	Prashant Singh Basnet
12	Use Case Diagram	3	Follow Level 4 System Analysis and Design class notes	To be able to design Use Case Diagram for the project			Prashant Singh Basnet
13	API	1	Research	To be able to use PayPal API on the project properly	8	3/20/2019	Prashant Singh Basnet
14	Documentation	3	Follow class lectures and research in the internet	To be able to prepare proper documentation	3	2/25/2020	Prashant Singh Basnet
						Total Hours 44.5	

2.3 MS PROJECT

Gantt chart:



Timeline:



Calendar:

February 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1						
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
Project Charter, 6 days						
23	24	25	26	27	28	29
Project Charter, 6 days		Team Contract, 2 days		Belbin Analysis, 3 days		

June 2020							
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1	2	3	4	5	
6							
7	8	9	10	11	12	13	
				Project Presentation, 3 days Team Portfolio, 3 days User Guidelines, 3 days Work in Progress, 4 days			
14	15	16	17	18	19	20	
Project Presentation, 3 days		Team Portfolio, 3 days		User Guidelines, 3 days		Work in Progress, 4 days	
21	22	23	24	25	26	27	
28	29	30					

Task Sheet:

Gantt Chart

	Task Mode	Task Name	Duration	Start	Finish	Pred	Resource Names
1	→	1 Start Case Study	92 days	Mon 2/3/20	Wed 6/17/20		
2	↑↓	2 Initiation	6 days	Mon 2/17/20	Tue 2/25/20		
3	↑↓	2.1 Project Charter	6 days	Mon 2/17/20	Tue 2/25/20		Ruchika Dhungana,Ajay kc ,Prashant Basnet
4	↑↓	2.2 Team Contract	2 days	Mon 2/24/20	Tue 2/25/20	3SS	Ruchika Dhungana,Prashant Basnet
5	↑↓	3 Planning	3 days	Wed 2/26/20	Fri 2/28/20		
6	↑↓	3.1 Belbin Analysis	3 days	Wed 2/26/20	Fri 2/28/20	3	Ruchika Dhungana,Ajay kc ,Dell Inspiron Laptop,Pras!
7	↑↓	3.2 Skill Audit	2 days	Wed 2/26/20	Thu 2/27/20	6SS	Mohit Shah, Ruchika Dhungana,Ajay kc ,Prashant Basr
8	↑↓	4 Executing	63 days?	Fri 2/28/20	Tue 6/2/20		
9	↑↓	4.1 Logo Design	3 days	Fri 2/28/20	Tue 3/3/20	7	Mohit Shah,Suman Thapa
10	↑↓	4.2 Functional Requirements	3 days	Mon 3/2/20	Wed 3/4/20	7,9SS	Ruchika Dhungana,Prashant Basnet,Ajay kc
11	↑↓	4.3 Non Functional Requirements	2 days	Tue 3/3/20	Wed 3/4/20	10SS	Ruchika Dhungana
12	↑↓	4.4 ERD	4 days	Tue 3/3/20	Sun 3/8/20	11SS	Prashant Basnet,Suzuse Rai
13	↑↓	4.5 EERD	4 days	Tue 3/3/20	Sun 3/8/20	12SS	Suzuse Rai
14	↑↓	4.6 Composite ERD	3 days	Wed 3/4/20	Sun 3/8/20	13FF	Ruchika Dhungana,Prashant Basnet
15	↑↓	4.7 Logical Diagram	2 days	Tue 3/10/20	Wed 3/11/20	14	Prashant Basnet
16	↑↓	4.8 Use Case	2 days	Tue 3/10/20	Wed 3/11/20	14	Prashant Basnet
17	↑↓	4.8.1 Customer Use Case	2 days	Tue 3/10/20	Wed 3/11/20		Suzuse Rai
18	↑↓	4.8.2 Trader Use Case	2 days	Tue 3/10/20	Wed 3/11/20		Suman Thapa,Prashant Basnet
19	↑↓	4.8.3 Overview	2 days	Tue 3/10/20	Wed 3/11/20		Ruchika Dhungana
20	↑↓	4.8.4 Admin Use Case	2 days	Tue 3/10/20	Wed 3/11/20		Prashant Basnet,Ajay kc
21	↑↓	4.9 Wireframes	4 days	Thu 3/12/20	Tue 3/17/20	16	Ruchika Dhungana,Ajay kc ,Mohit Shah,Prashant Basr
22	↑↓	4.10 Front-end Development	4 days	Wed 3/18/20	Mon 3/23/20	21	
23	↑↓	4.10.1 Login Page	1 day	Wed 3/18/20	Wed 3/18/20	21	Prashant Basnet,Mohit Shah
24	↑↓	4.10.2 Register Page	4 days	Wed 3/18/20	Mon 3/23/20	21	Prashant Basnet,Mohit Shah
25	↑↓	4.10.3 Home Page	4 days	Wed 3/18/20	Mon 3/23/20	21	Mohit Shah
26	↑↓	4.10.4 Dashboards(Admin)	3 days	Wed 3/18/20	Fri 3/20/20	21	Suman Thapa
27	↑↓	4.10.5 Contact Page	1 day	Fri 3/20/20	Fri 3/20/20	21	Mohit Shah
28	↑↓	4.10.6 Product Page	3 days	Wed 3/18/20	Fri 3/20/20	21	Mohit Shah
29	↑↓	4.10.7 Invoice	2 days	Wed 3/18/20	Thu 3/19/20	21	Mohit Shah
30	↑↓	4.10.8 Customer profile p	2 days	Wed 3/18/20	Thu 3/19/20		Mohit Shah
31	↑↓	4.10.9 About Page	1 day	Wed 3/18/20	Wed 3/18/20		Mohit Shah
32	↑↓	4.10.10 Cart Page	2 days	Wed 3/18/20	Thu 3/19/20		Mohit Shah
33	↑↓	4.10.11 Checkout Page	2 days	Fri 3/20/20	Mon 3/23/20	21	Mohit Shah
34	↑↓	4.10.12 Payment	2 days	Fri 3/20/20	Mon 3/23/20		Mohit Shah
35	↑↓	4.10.13 Frequently Asked Question(FAQ)	2 days	Fri 3/20/20	Mon 3/23/20	32	Mohit Shah
36	↑↓	4.11 PowerPoint Slides	3 days	Thu 3/19/20	Mon 3/23/20	22SS	Ruchika Dhungana
37	↑↓	4.12 WIP Documentation	4 days	Wed 3/18/20	Mon 3/23/20	22SS,3	Ruchika Dhungana
38	↑↓	4.13 Backend Development	47 days?	Wed 3/25/20	Tue 6/2/20	22	
39	↑↓	4.13.1 SQL table	2 days	Wed 3/25/20	Thu 3/26/20		Prashant Basnet,Suzuse Rai
40	↑↓	4.13.2 Inserting Records in tables	2 days	Fri 3/27/20	Mon 3/30/20	39	Prashant Basnet,Suzuse Rai
41	↑↓	4.13.3 Stock Maintenance	3 days	Tue 3/31/20	Thu 4/2/20	40	Prashant Basnet
42	↑↓	4.13.4 Form Validation	3 days	Fri 4/3/20	Tue 4/7/20	41	Prashant Basnet
43	↑↓	4.13.5 Login/Registration	3 days	Wed 4/8/20	Fri 4/10/20	42	Ruchika Dhungana
44	↑↓	4.13.6 Email Validation	2 days	Tue 4/14/20	Wed 4/15/20	43	Ruchika Dhungana
45	↑↓	4.13.7 Review/Update Customer Account	3 days	Thu 4/16/20	Mon 4/20/20	44	Ruchika Dhungana
46	↑↓	4.13.8 Invoice	4 days	Tue 4/21/20	Fri 4/24/20	45	Mohit Shah
47	↑↓	4.13.9 Shop Crud	3 days	Mon 4/27/20	Wed 4/29/20	46	Mohit Shah,Prashant Basnet
48	↑↓	4.13.10 Crud Products	2 days	Thu 4/30/20	Mon 5/4/20	47	Mohit Shah,Prashant Basnet
49	↑↓	4.13.11 User Crud	4 days	Tue 5/5/20	Fri 5/8/20	48	Mohit Shah,Prashant Basnet
50	↑↓	4.13.12 Add to cart	2 days	Mon 5/11/20	Tue 5/12/20	49	Mohit Shah,Prashant Basnet
51	↑↓	4.13.13 Checkout	2 days	Wed 5/13/20	Thu 5/14/20	50	Mohit Shah
52	↑↓	4.13.14 Paypal API	3 days	Fri 5/15/20	Tue 5/19/20	51	Mohit Shah
53	↑↓	4.13.15 Collection Slot	3 days	Tue 5/19/20	Thu 5/21/20		Prashant Basnet
54	↑↓	4.13.16 Payment	2 days	Fri 5/22/20	Tue 5/26/20	53	Mohit Shah
55	↑↓	4.13.17 Search Sort	3 days	Wed 5/27/20	Fri 5/29/20	54	Ruchika Dhungana
56	↑↓	4.13.18 Oracle Dashboard	2 days	Mon 6/1/20	Tue 6/2/20	55	Prashant Basnet
57	↑↓	5 Monitoring and Controlling	9 days	Wed 6/3/20	Mon 6/15/20	8	
58	↑↓	5.1 Presentation Slide	9 days	Wed 6/3/20	Mon 6/15/20		Suzuse Rai
59	↑↓	5.2 Presentation Plan	9 days	Wed 6/3/20	Mon 6/15/20		Suman Thapa
60	↑↓	5.3 Customer/Admin/Trader	9 days	Wed 6/3/20	Mon 6/15/20		Mohit Shah
61	↑↓	5.4 Installation Guideline	9 days	Wed 6/3/20	Mon 6/15/20		Prashant Basnet
62	↑↓	5.5 Testing and Evaluation	9 days	Wed 6/3/20	Mon 6/15/20	58SS	Ajay kc ,Mohit Shah,Prashant Basnet
63	↑↓	6 Closing	2 days	Tue 6/16/20	Wed 6/17/20	57	
64	↑↓	6.1 Project Presentation	2 days	Tue 6/16/20	Wed 6/17/20		
65	↑↓	6.2 Team Portfolio	2 days	Tue 6/16/20	Wed 6/17/20		
66	↑↓	6.3 User Guidelines	2 days	Tue 6/16/20	Wed 6/17/20		
67	↑↓	6.4 Work in Progress	2 days	Tue 6/16/20	Wed 6/17/20		
68							

Gantt Chart

	Task Mode	Task Name	Duration	Start	Finish	Pred	Resource Names
38	↑↓	4.13 Backend Development	47 days?	Wed 3/25/20	Tue 6/2/20	22	
39	↑↓	4.13.1 SQL table	2 days	Wed 3/25/20	Thu 3/26/20		Prashant Basnet,Suzuse Rai
40	↑↓	4.13.2 Inserting Records in tables	2 days	Fri 3/27/20	Mon 3/30/20	39	Prashant Basnet,Suzuse Rai
41	↑↓	4.13.3 Stock Maintenance	3 days	Tue 3/31/20	Thu 4/2/20	40	Prashant Basnet
42	↑↓	4.13.4 Form Validation	3 days	Fri 4/3/20	Tue 4/7/20	41	Prashant Basnet
43	↑↓	4.13.5 Login/Registration	3 days	Wed 4/8/20	Fri 4/10/20	42	Ruchika Dhungana
44	↑↓	4.13.6 Email Validation	2 days	Tue 4/14/20	Wed 4/15/20	43	Ruchika Dhungana
45	↑↓	4.13.7 Review/Update Customer Account	3 days	Thu 4/16/20	Mon 4/20/20	44	Ruchika Dhungana
46	↑↓	4.13.8 Invoice	4 days	Tue 4/21/20	Fri 4/24/20	45	Mohit Shah
47	↑↓	4.13.9 Shop Crud	3 days	Mon 4/27/20	Wed 4/29/20	46	Mohit Shah,Prashant Basnet
48	↑↓	4.13.10 Crud Products	2 days	Thu 4/30/20	Mon 5/4/20	47	Mohit Shah,Prashant Basnet
49	↑↓	4.13.11 User Crud	4 days	Tue 5/5/20	Fri 5/8/20	48	Mohit Shah,Prashant Basnet
50	↑↓	4.13.12 Add to cart	2 days	Mon 5/11/20	Tue 5/12/20	49	Mohit Shah,Prashant Basnet
51	↑↓	4.13.13 Checkout	2 days	Wed 5/13/20	Thu 5/14/20	50	Mohit Shah
52	↑↓	4.13.14 Paypal API	3 days	Fri 5/15/20	Tue 5/19/20	51	Mohit Shah
53	↑↓	4.13.15 Collection Slot	3 days	Tue 5/19/20	Thu 5/21/20		Prashant Basnet
54	↑↓	4.13.16 Payment	2 days	Fri 5/22/20	Tue 5/26/20	53	Mohit Shah
55	↑↓	4.13.17 Search Sort	3 days	Wed 5/27/20	Fri 5/29/20	54	Ruchika Dhungana
56	↑↓	4.13.18 Oracle Dashboard	2 days	Mon 6/1/20	Tue 6/2/20	55	Prashant Basnet
57	↑↓	5 Monitoring and Controlling	9 days	Wed 6/3/20	Mon 6/15/20	8	
58	↑↓	5.1 Presentation Slide	9 days	Wed 6/3/20	Mon 6/15/20		Suzuse Rai
59	↑↓	5.2 Presentation Plan	9 days	Wed 6/3/20	Mon 6/15/20		Suman Thapa
60	↑↓	5.3 Customer/Admin/Trader	9 days	Wed 6/3/20	Mon 6/15/20		Mohit Shah
61	↑↓	5.4 Installation Guideline	9 days	Wed 6/3/20	Mon 6/15/20		Prashant Basnet
62	↑↓	5.5 Testing and Evaluation	9 days	Wed 6/3/20	Mon 6/15/20	58SS	Ajay kc ,Mohit Shah,Prashant Basnet
63	↑↓	6 Closing	2 days	Tue 6/16/20	Wed 6/17/20	57	
64	↑↓	6.1 Project Presentation	2 days	Tue 6/16/20	Wed 6/17/20		
65	↑↓	6.2 Team Portfolio	2 days	Tue 6/16/20	Wed 6/17/20		
66	↑↓	6.3 User Guidelines	2 days	Tue 6/16/20	Wed 6/17/20		
67	↑↓	6.4 Work in Progress	2 days	Tue 6/16/20	Wed 6/17/20		
68							

Resource Sheet:

		Resource Name	Type	Material	Initials	Group	Base	Max.	Ovt. Rate	Std. Rate	Cost/Use	Accrue At
1	1	Ajay kc	Work		AK	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
2	2	Ruchika Dhungana	Work		RD	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
3	3	Suman Thapa	Work		ST	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
4	4	Suzuse Rai	Work		SR	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
5	5	Mohit Shah	Work		MS	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
6	6	Prashant Basnet	Work		PSB	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated
7	Dell Inspiron Laptop	Work		D	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
8	Canon Printer	Work		C	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
9	HP laptop	Work		L	1	ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
10	MS Project	Material		MP	1					\$0.00	\$0.00	Prorated
11	QSEE	Material		QS	1					\$0.00	\$0.00	Prorated
12	Adobe XD	Material		AD	1					\$0.00	\$0.00	Prorated
13	Microsoft Word	Material		WD	1					\$0.00	\$0.00	Prorated
14	Microsoft PowerPoint	Material		PPT	1					\$0.00	\$0.00	Prorated
15	Cello Pen	Material		PN	1					\$0.00	\$0.00	Prorated
16	Chiya Notebook	Material		NB	1					\$0.00	\$0.00	Prorated
17	Sublime Text	Material		S						\$0.00	\$0.00	Prorated
18	Moqup	Material		M						\$0.00	\$0.00	Prorated
19	Dell Inspiron Laptop	Work		D		ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
20	Lenovo ThinkPad	Work		L		ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
21	Dell Inspiron 7567	Work		D		ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	
22	R	Work		R		ClecksEMarke	100%	\$0.00/hr	\$0.00/hr	\$0.00	Prorated	

2.4 Risk Register

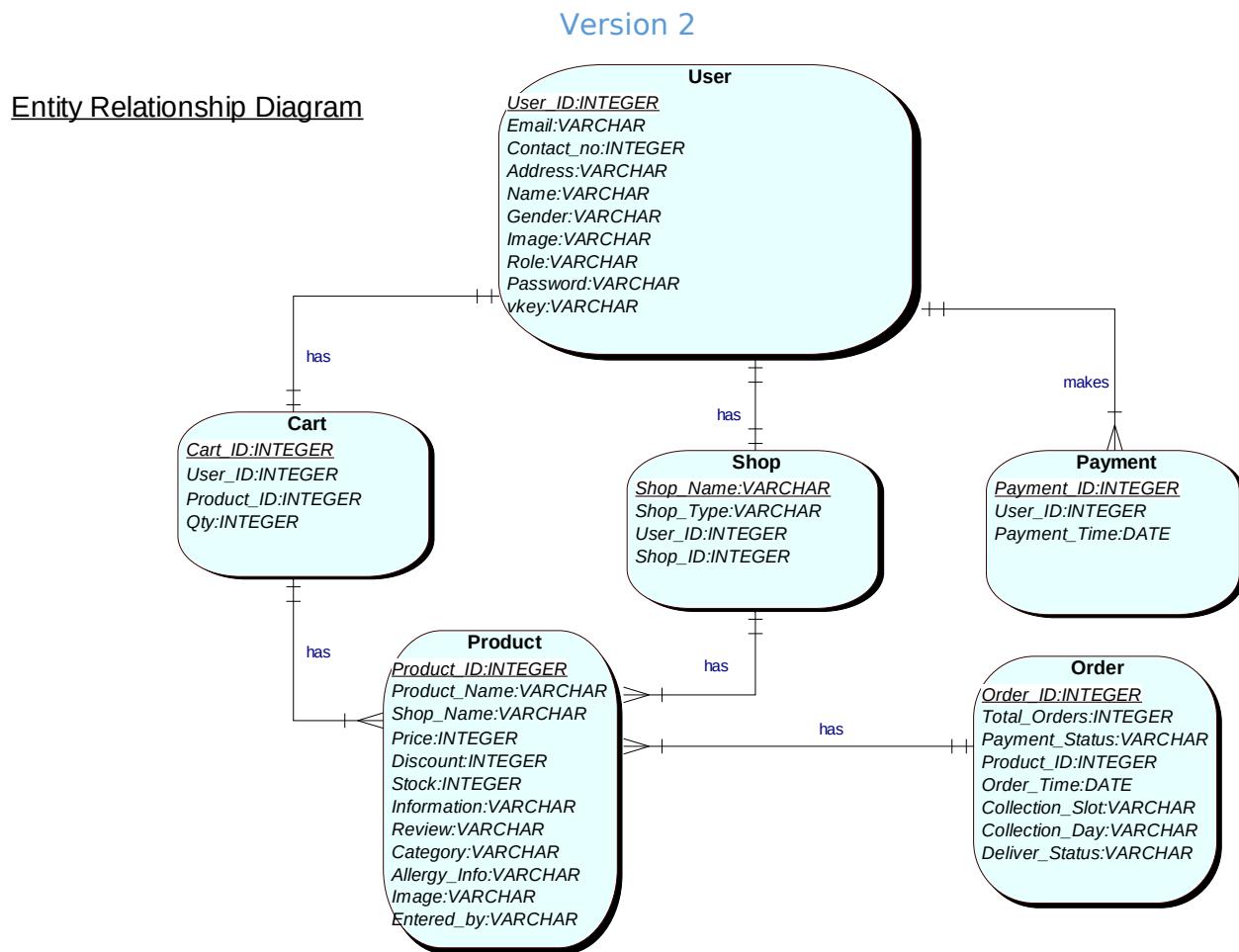
[Group 1] TEAM RISK REGISTER														
Risk ID Code	Risk	Description			Measures				Status and review					
		Risk Description	Risk Owner	Strategic Plan Theme	Gross risk		Net Risk		Comments / Further Actions Required / Contingency Plan - including deadline dates	Last Review Date	Next Review Date	Current Status	Overall indicator	
					Likelihood 1,2,3,4,5	Impact 1,2,3,4,5	Likelihood 1,2,3,4,5	Impact 1,2,3,4,5						
11	Technical	OCI connection problem			1	2			1	2	Communicating with teachers for help	2020-06-10	2020-06-17	Closed
12	Technical	Slow connection and/or difficulty connecting to internet	Ruchika Dhungana, Prashant Basnet		2	5	Contact Internet Service Providers to better the connection.		1	5	Not able to because of the lockdown	04/05/2020	12/04/2019	Unchanged
21	Organisational	Lack of team support on the project	Rdhungana, Prashant Basnet		3	4	Encourage active participation among team members		2	4	Contact project leader	04/05/2020	12/04/2019	Unchanged
31	PM	Project unable to be completed on deadline due to corona virus	Rdhungana, Prashant Basnet		3	3	New estimated time shared and validated by project leader		2	3	Review progress regularly	04/05/2020	12/04/2019	New
32	PM	Lack of communication among team members	Ruchika Dhungana, Prashant Basnet, Mohit Shah, Ajay KC, Suman		2	5			1	5	Not able to because of network problems	05/04/2020		New
13	Technical	Underestimated the time allocation for revising SQL queries PLSQL	Prashant, Ruchika, Mohit, Singh Basnet, Ajay Kc, Suman		2	3	Research on sql joins/plsql		2	2	Revise the topic	12/05/2020	20/05/2020	Reducing

2.5 COMMUNICATION TOOLS USED

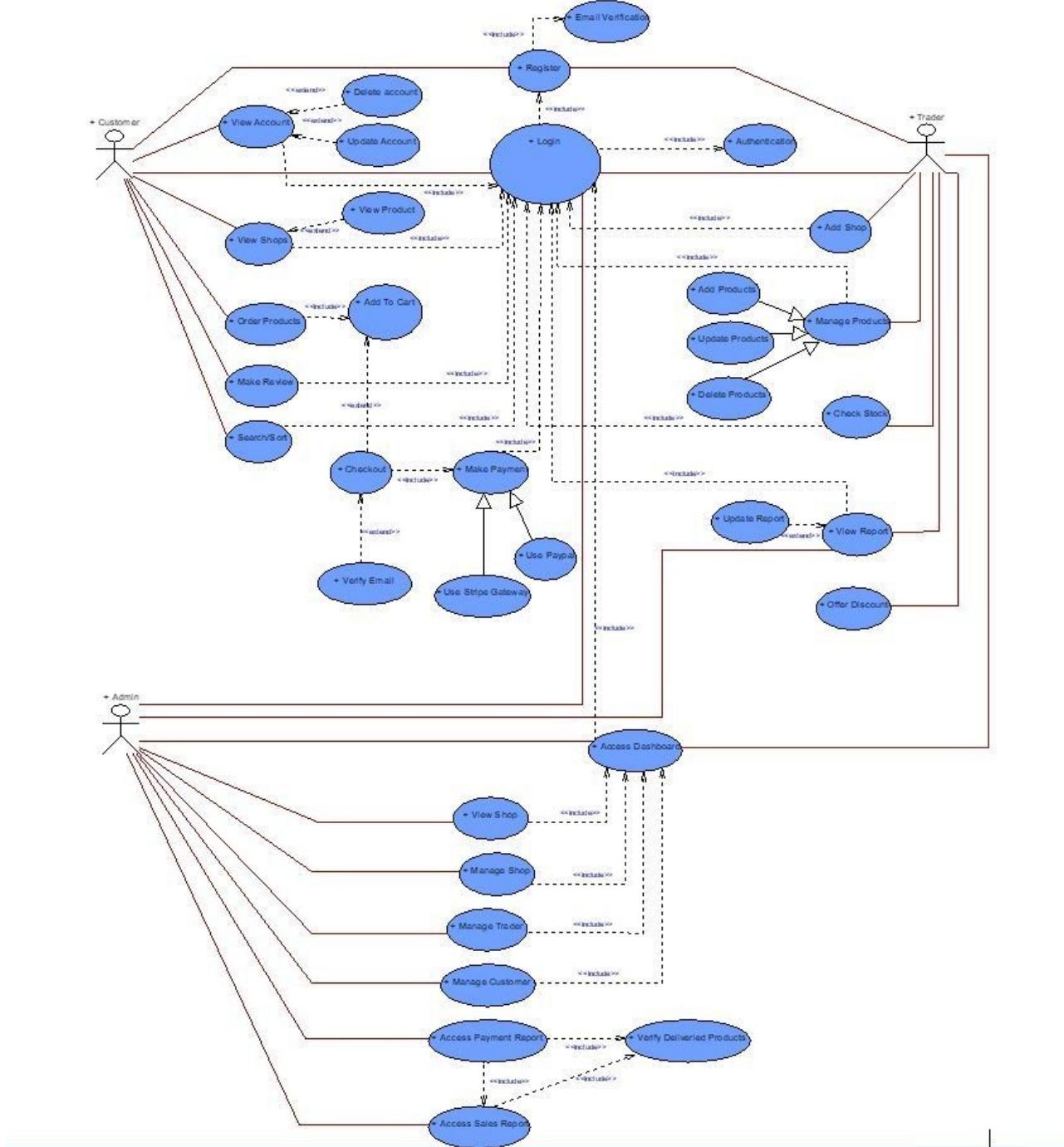
In order to plan the project and discuss the progress, we will be having weekly meetings. The meetings will be held three times a week where team members will discuss the progress made and work towards taking the project to the next phase. In between meetings, the team will communicate through **SLACK** as well as **GMAIL**. These platforms will be used to share documents/files necessary for the project as well as for team members to track the progress until next meeting. The project will also be uploaded in **GITHUB** after every update so that it can be easily accessed by any member working on the project.

EXECUTION PHASE

3.1 Entity Relationship Diagram



3.2 Use Case Diagram



3.3 Requirement Catalogue (Functional Requirement)

Product Interface:

Requirement ID	Description	MOSCOW RULE
A1	An interface to allow users to buy view products	
A1-1	Navigate products by shop/product type	MUST
A1-2	Search products specifically	MUST
A1-3	Search/Sort products by price	COULD
A1-4	View products in any device	MUST
A2	A web interface to allow adding/deleting/updating products and their information	
A2-1	Products have descriptions such as unique ID, short name, description, price, allergy info, etc.	MUST
A2-2	Products will have review section	COULD
A2-3	Products will be unique to each trader	MUST
A3	Allow users to save products to basket.	
A3-1	Each customer can add multiple products to cart	MUST
A3-2	Cart page can only be accessed by registered customers.	MUST
A3-3	Products can be removed from the basket.	SHOULD
A4	An interface that facilitates a payment scheme.	
A4-1	Invoice will be generated with order details and total price for checkout.	MUST
A4-2	Payment will be made using PayPal.	MUST
A4-3	There will be three collection slots on Wednesday, Thursday and Friday from 10-13, 13-16 and 16-19 which must be at least 24 hours after order placement.	MUST

Customer Interface

Requirement ID	Description	MOSCOW RULE
B1.	Web interface will allow customers to create a new account.	
B1-1	A registration form with username, first name, last name, email, and password, address and phone number will be available for new customers.	Must
B1-2	Customers must enter forms that are marked '*' in their registration form	MUST
B1-3	Validations for incorrect data insertions such as name in non-alphabet manner invalid email-id, etc.	MUST
B1-4	Login/Registration option will be visible on every page.	SHOULD
B2	An interface to allow customer to login to their registered account.	
B2-1	A login form with username and password will be available for registered customers.	MUST
B2-2	Customers must login to access the cart, place an order and give review on items.	Must
B3	Customer interface will allow to edit/update their profile.	
B3-1	Customer will confirm their account update/registration through email verification.	Should
B3-2	Customer will be notified via email for multiple incorrect login attempts.	WOULD
B3-3	Customer will get notified via email when they update their username, display picture, phone number, etc.	WOULD

Trader Interface

Requirement ID	Description	MOSCOW RULE
C1	An interface to allow Trader to create an account/login.	
C1-1	A registration form with username, first name, last name, email, shop name, password, address and phone number will be available for new traders.	Must
C1-2	Trader should authenticate their account through email verification	Should
C1-3	Registered trader must fill their username and password to login.	
C2	An interface to allow traders to manage products	
C2-1	All traders will have products unique to them	MUST
C2-2	Trader will be able to update the details of their respective account.	Must
C2-3	Traders have options to update/delete/add products and information	Must
C2-4	Registered traders have access to their respective dashboard to view product reports.	MUST

Management Interface

Requirement ID	Description	MOSCOW RULE
D1	A management dashboard	
D1-1	A link to dashboard will be available to admin after logging in.	SHOULD
D1-2	Options to deactivate user accounts, create/update/delete items and many more.	SHOULD
D1-3	Login facility for admin to access trader dashboard.	MUST
D2	Daily and periodic reports	MUST

	displayed on management dashboard	
D2-1	Weekly finance report covering delivered products and payments to be made	MUST
D2-2	Monthly report on product sales is available	MUST
D2-3	Product Reports viewable in a number of ways: sorting alphabetically, by total number of orders per product, by total income per product	MUST

Non-Functional Requirement:

Requirement ID	Description	MOSCOW RULE
E1	Non-functional requirements of the website	
E1-1	Use HTML/CSS/JavaScript to develop the site.	MUST
E1-2	System administrator, traders, customers have different level of authorization in website.	MUST
E1-3	Website can be translated into multiple languages to avoid language barriers.	COULD
E1-4	Website implements quality inspection to avoid issue of food safety.	SHOULD

3.4 Logo Design



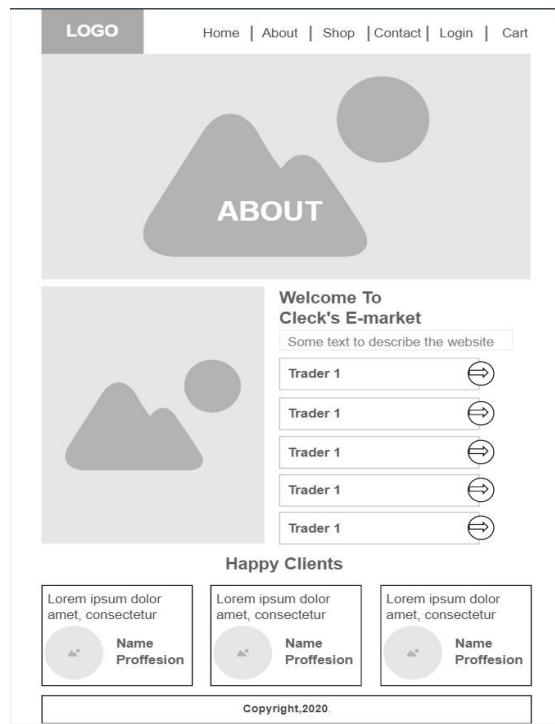
3.5 Wireframe

Home Page:

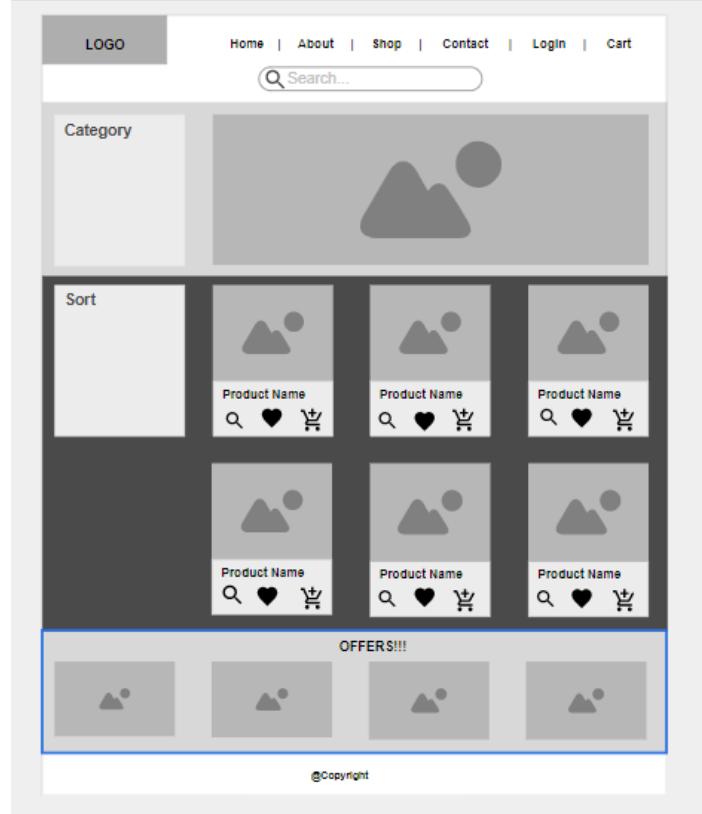
The wireframe shows the following structure:

- Header:** Contains the Cleck's Market logo, a navigation bar with links to Home, About us, Products, Contact us, Shop, a search bar, and user icons.
- Main Content Area:** A large central area with a grid of five placeholder boxes labeled "popular products". Below this is another grid of two placeholder boxes labeled "The local Buzz, as seen in:". At the bottom of this section is a "Meet us" section with company details and social media links.
- Footer:** Contains copyright information: "Copyright reserved 2020".

About Page:



Product Page:



Cart Page:

LOGO

Home | About | Shop | Contact | Login | Cart

CART

Product	Price	Quantity	Remove
 Product Name ★★★★☆ Lorem ipsum dolor sit amet, consectetur	\$ 0.00	<input type="button" value="▲"/> <input type="button" value="▼"/>	<input type="button" value="X"/>
 Product Name ★★★★☆ Lorem ipsum dolor sit amet, consectetur	\$ 0.00	<input type="button" value="▲"/> <input type="button" value="▼"/>	<input type="button" value="X"/>
Comment For Sellers	Order Summary		
<i>Lorem ipsum dolor sit amet, cnc.</i>	<i>Lorem ipsum dolor sit amet, csect.</i>		
<input type="text" value="Comment.."/>	Order Subtotal	\$ 0.00	
	VAT	\$ 0.00	
	Total	\$ 0.00	
Proceed To Checkout			
Copyright,2020.			

Login Page:

Logo

HEADER

LOGIN FORM

User ID	<input type="text"/>
UserName	<input type="text"/>
Password	<input type="password"/>
Select your Role	<input type="button" value="Customer ▼"/>
<input type="button" value="Submit"/>	

FOOTER

Registration Page:

LOGO

HEADER

Registration Form

Username

Email

Password

Confirm Password

Mobile No

Address

Choose your role:

Accept terms and conditions

Register

FOOTER

Invoice Page:

Clerk Market [Home](#) [About us](#) [Products](#) [Something](#) [Shop](#)

INVOICE			
Billed To	INVOICE NUMBER	TOTAL	
client name	00000000	\$400.69	
client address			
city, state, country			
zip code			
DATE OF INVOICE			
12/12/2020			
products	unit cost	quantity	amount
product 1	\$15.67	1	\$15.67
product 2	\$15.67	1	\$15.67
Sub Total			\$340.6003
Tax			13%
Grand Total			\$400.69

Meet us

Company name
clerkmarket@gmail.com
01-77666455
See us on map

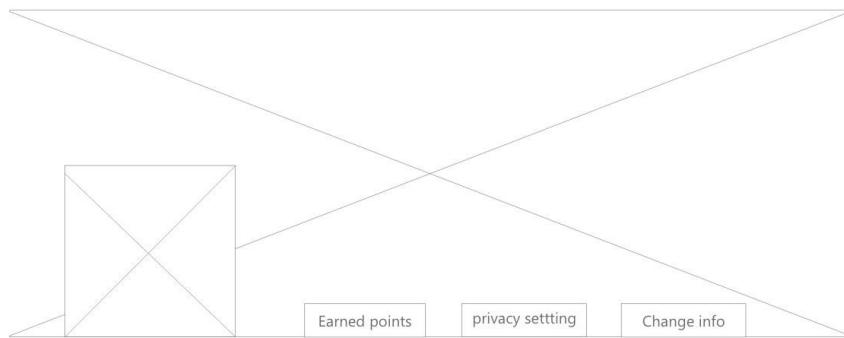


Checkout Page:

The screenshot shows a web-based customer profile page. At the top, there is a navigation bar with links for Home, About, Shop, Contact, Login, and Cart, along with a search bar. Below the navigation bar, the page is divided into sections:

- Billing Details**: Contains input fields for Street Name, House/Apartment Number, Email Address, Phone Number, and Postcode/Zip.
- Additional Information**: Contains a section for Order Notes.
- Your Billing**: A table with columns for Product and Total, showing two entries. The first entry has a "Delete" icon (an 'X') next to it. The second entry also has a "Delete" icon next to it.
- Payment Options**: Shows icons for PayPal and Mastercard.
- Action Buttons**: Includes a "Place Order" button and a "Copyright" link at the bottom.

Customer Profile Page:



Basic information

Lorem ipsum dolor sit amet,
 Lorem ipsum dolor sit amet,

Contacts

home 88979798877
work 978788676666
123132@gmail.com
324242@gmail.com

Education

Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,

work

Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,

Places

Lorem ipsum dolor sit amet, consetetur sadipscing elitr,
 Lorem ipsum dolor sit amet, consetetur sadipscing elitr,

LOGO

-  Dashboard
-  Products ▾
-  Admin Profile
-  Users ▾
-  Clark E-mart
-  Logout

Copyright,2020

Trader Dashboard:

LOGO

-  Dashboard
-  Products ▾
-  Trader Profile
-  Shop ▾
-  Clark E-mart
-  Logout

Copyright,2020

3.6 Website Development

HOME PAGE:

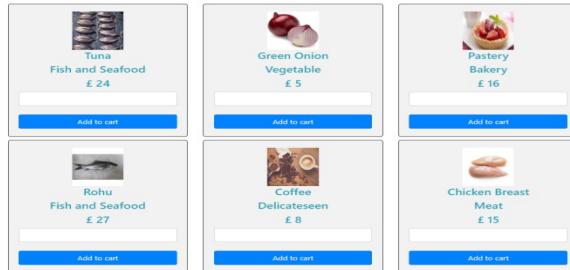


The world of Clerck E-Market

The Grocers aim is to provide our customers best products please register an account to use our services. The Grocers sets the standard for consistently exceptional customer service. Who else sells you groceries? We do. "Our business is earning your trust" and we like doing that as fast as we can. Through word of mouth, a lot of hard work and a commitment to providing you with great products. The Grocers aim is to become one of the most beloved online E-commerce sites in Clerkenwell&Finsbury. The Grocers

like doing that as fast as we can. Through word of mouth, a lot of hard work and a commitment to producing one-of-a-kind products, The Grocers aim is to become one of the most beloved online Ecommerce Site in Clerkhudderstone area. The Grocers

Popular Products



About our **Clerk E-market** website

The Grocers aim is to provide our customers best products please register an account to use our services...**The Grocers sets the standard for consistently exceptional customer service.** Who else sells you *greet you?*We do.**"Our business is earning your trust"** and we like doing that as fast as we can. Through word of mouth, a lot of hard work and a commitment to producing one-of-a-kind products, The Grocers aim is to become one of the most beloved online Ecommerce Site in Clerkhuddersfax area. **The Grocers**

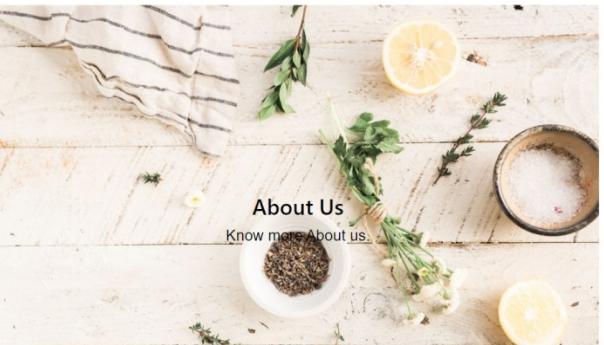
[read more](#)

The local Buzz, as seen in



Cleck's E-markets' home page features a simplistic and easy-to-use design. Focusing on customer assistance, the navigation bar at the top has links to all the other pages, a search bar for customer's convenience and a logo which also doubles as a home button. Similarly, as a customer scrolls down they will be able to have a look at all the popular products, a brief description about our website and a link to about page if they wish to know more as well as all the traders that are associated with Cleck's Emarket.

ABOUT PAGE:



Cleck's Market

Search for products **Search** Home About us Products Contact Us FAQ

welcometts 



Welcome to Cleck's E-Mart

Feed your family the best with quality food products and quality prices.

- [Food Fresh](#)

Testimonials

Here are some of the reviews given by fully satisfied customers



Iron man
new
Admin, 0 Comments(3)
Lorem ipsum dolor sit amet, adipiscing. Lorem ipsum dolor sit amet, consectetur adipiscing. Lorem ipsum dolor sit amet, ..
[read more](#)

spiderman
new
Admin, 0 Comments(3)
Lorem ipsum dolor sit amet, adipiscing. Lorem ipsum dolor sit amet, consectetur adipiscing. Lorem ipsum dolor sit amet, ..
[read more](#)

Thor
new
Admin, 0 Comments(3)
Lorem ipsum dolor sit amet, adipiscing. Lorem ipsum dolor sit amet, consectetur adipiscing. Lorem ipsum dolor sit amet, ..
[read more](#)

Menu

- > Home
- > About us
- > products
- > contact us

Accounts

- > Account
- > my cart
- > my favourite

Social

- f facebook
- t twitter
- i instagram
- g+ google+
- e Email

[clicksemarket.com](#)

Copyright ©2020 All rights reserved by clicksemarket

The about page focuses on the customer's knowledge about our website so, it has a section which features all five traders as well as reviews from other customers.

CONTACT PAGE:

Name

Email

Message

Submit

Kathmandu, +977
01177767
info@gmail.com

Nepal
Trade Fair Grounds 44000
4.2 158 reviews
View larger map

You have several options: you can call us at (512)-656-4348, send us an email at clecks.emarket@gmail.com, or fill the form on the "Contact" tab on our website. We'll gather details about your queries and then we'll try to think based on your unique preferences.

Our Partners and Sponsors

Sponsor: Leeds Beckett University / The British College.

Project Manager: Rohit Raj Pandey.



If customer has any queries or wishes to communicate directly to the admin, they can fill the form in the contact page.

FAQ PAGE:

clecksemarket Frequently Asked Questions

General questions

- [Is account registration required?](#)
- [Can I sell my own products?](#)
- [What is the currency used for all transactions?](#)

Traders

- [Who can sell items?](#)
- [I want to sell my items - what are the steps?](#)
- [How much do I get from each sale?](#)
- [Why sell my items here?](#)
- [What are the payment options?](#)
- [When do I get paid?](#)

Customers

- [I want to buy a product - what are the steps?](#)
- [Is this the latest version of an item](#)



If customer has any queries regarding the website, they can also look for answers in the Frequently Asked Questions page.

REGISTRATION:

• Registration Form:

By filling the form shown above, any user can register for an account in Cleck's Emarket. The form has a simplistic design which was made to make user's experience as easy as possible. User can register only by filling all the required fields in the form. Otherwise, error messages will be displayed for user to better understand what needs to be done.

- **Empty username registration:**

The screenshot shows a web browser window with the URL `localhost/emarket/signup.php`. The page title is "Create a Secure Account" and the sub-header is "Welcome to the ClicksE-market". The form fields are as follows:

- Username: (empty field)
- Email: `sbbtv@gmail.com`
- Password: `*****`
- Confirm Password: `*****`
- Mobile No: `9867756377`
- Address: `annamagar`

The "Email" field is highlighted with a red border, indicating it is the current field being focused or has an error.

Users cannot register by submitting the form with an empty field as shown above.

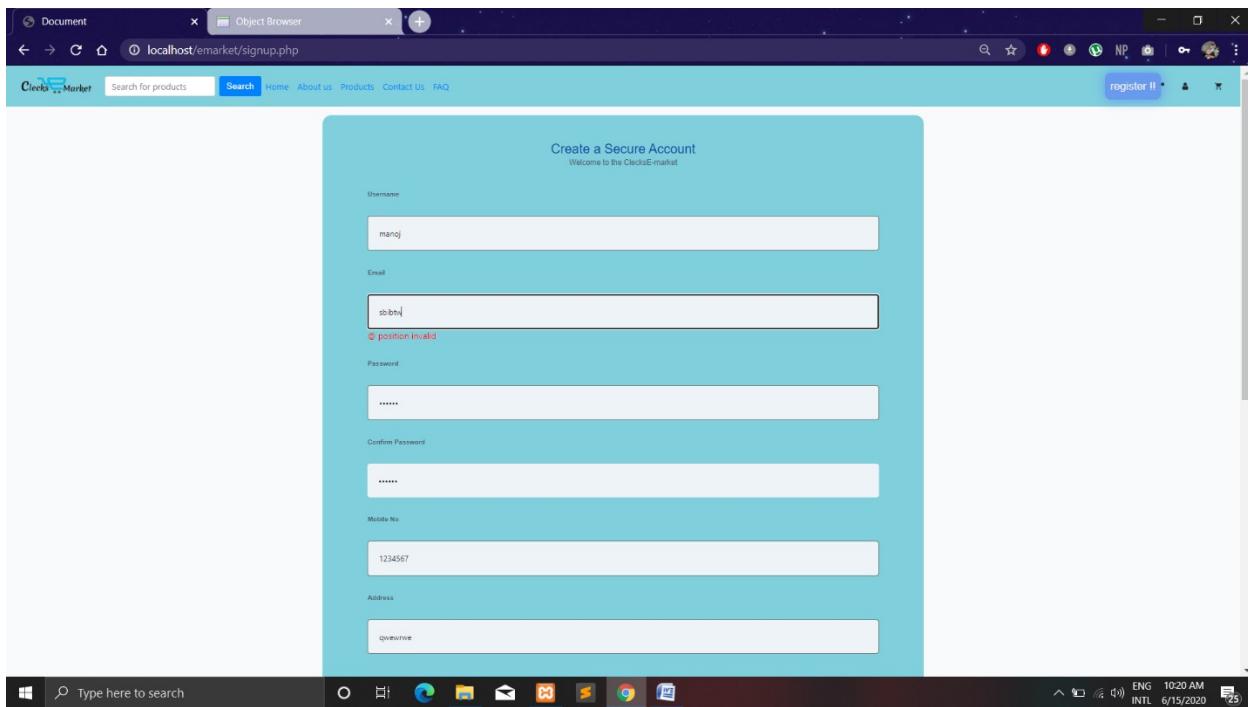
- **Invalid Email**

The screenshot shows a web browser window with the URL `localhost/emarket/signup.php`. The page title is "Create a Secure Account" and the sub-header is "Welcome to the ClicksE-market". The form fields are as follows:

- Username: `manoj`
- Email: `sbbtv@gmail|` (The cursor is positioned after the '@' symbol.)
Error message: `Position invalid`
- Password: `*****`
- Confirm Password: `*****`
- Mobile No: `1234567`
- Address: `gvsuniv`

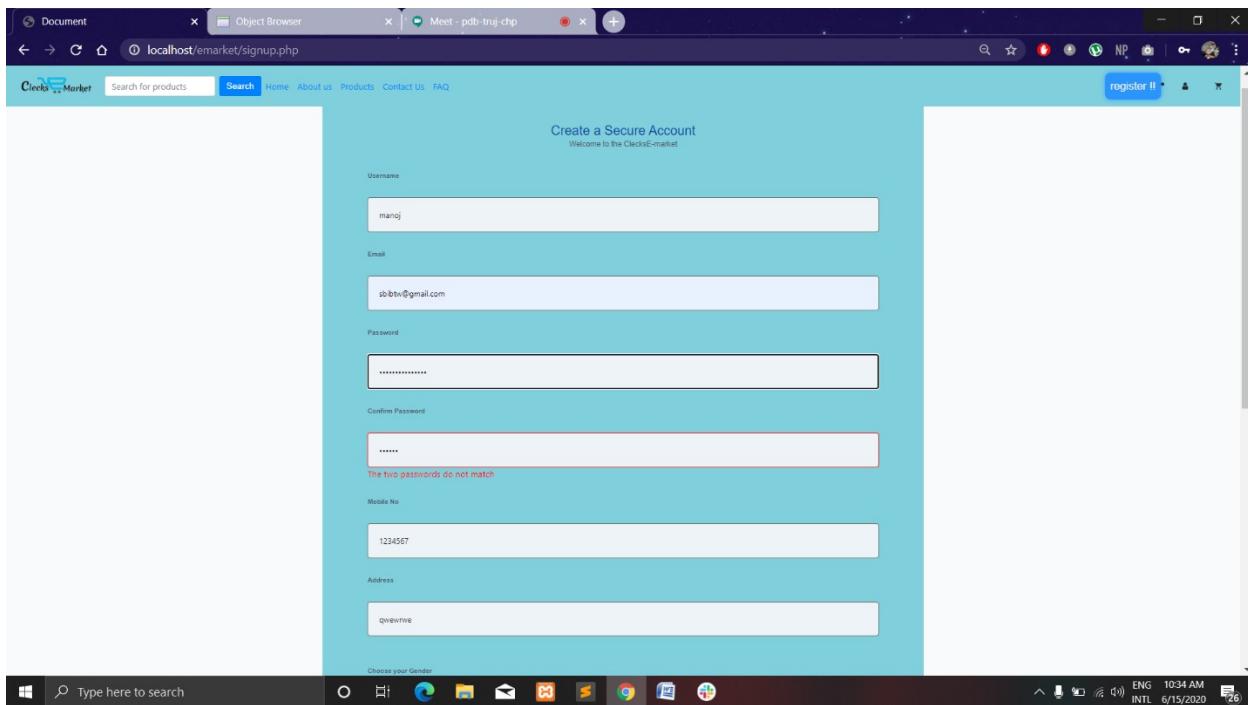
The "Email" field is highlighted with a red border, and an error message "Position invalid" is displayed below it.

Entering email with misplaced '.' position will display the error shown above.



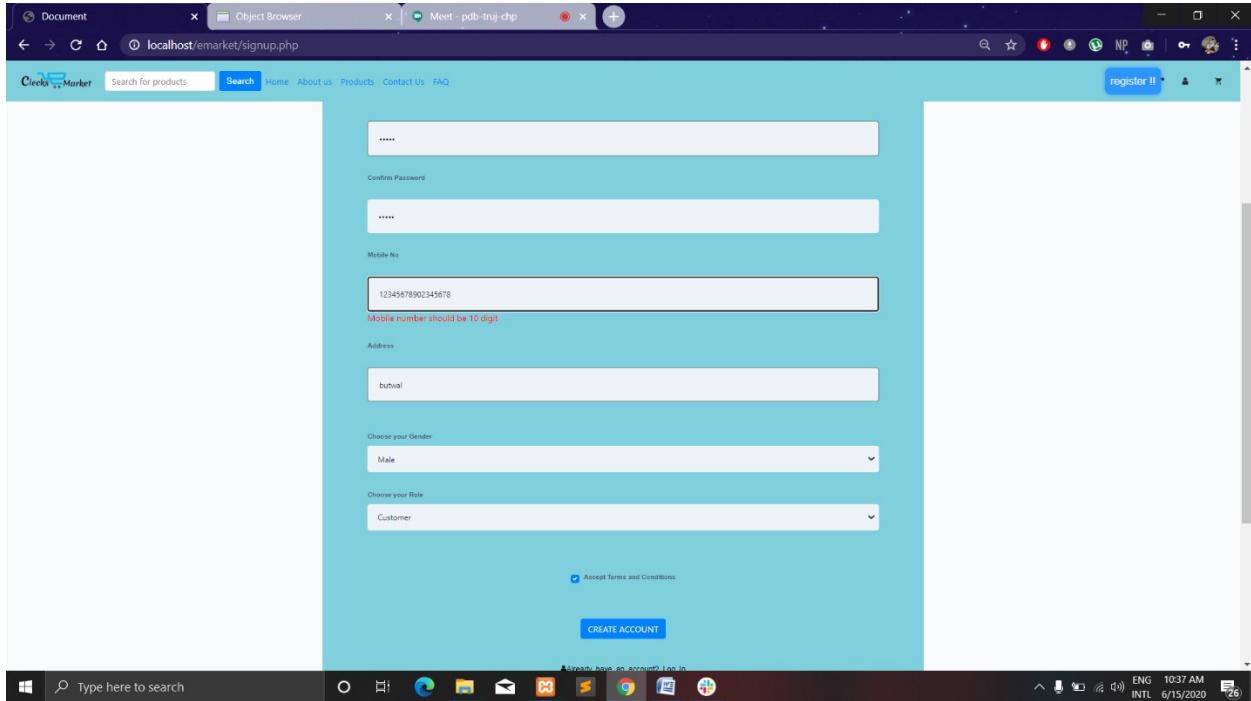
Entering email with misplaced '.' position will display the error shown above.

- **Password Confirmation Error**



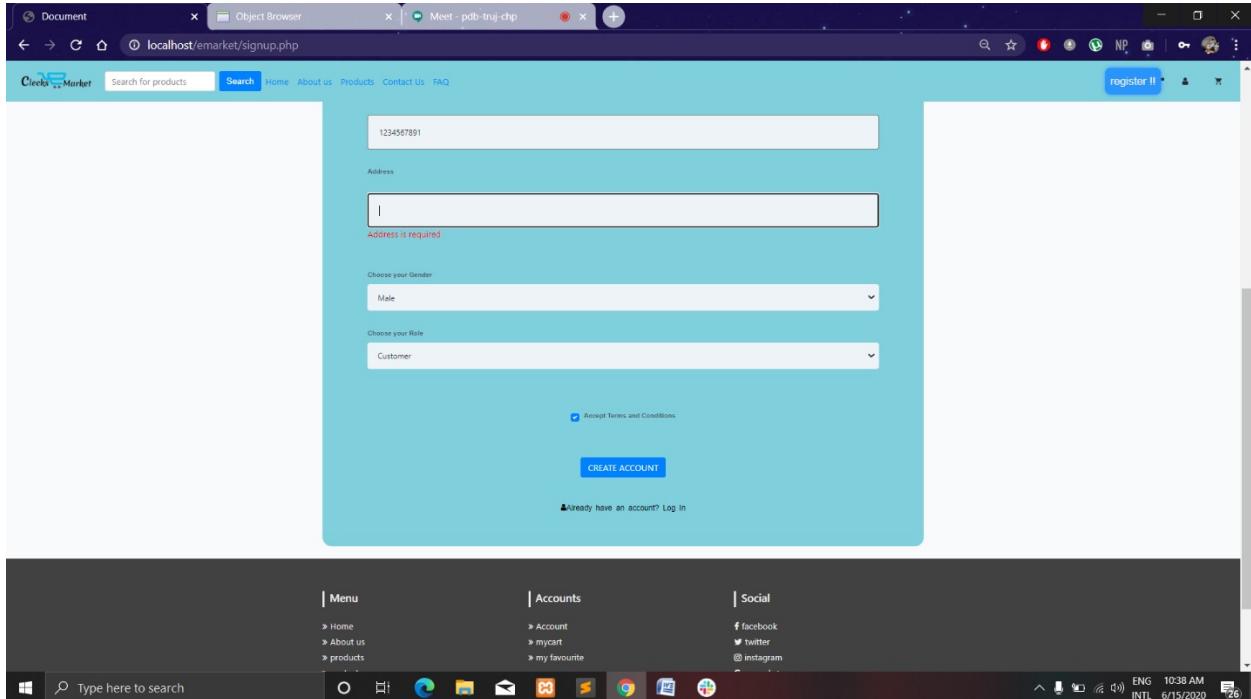
If the password and the confirmation password does not match, the error shown above will be displayed.

- **Invalid phone number:**



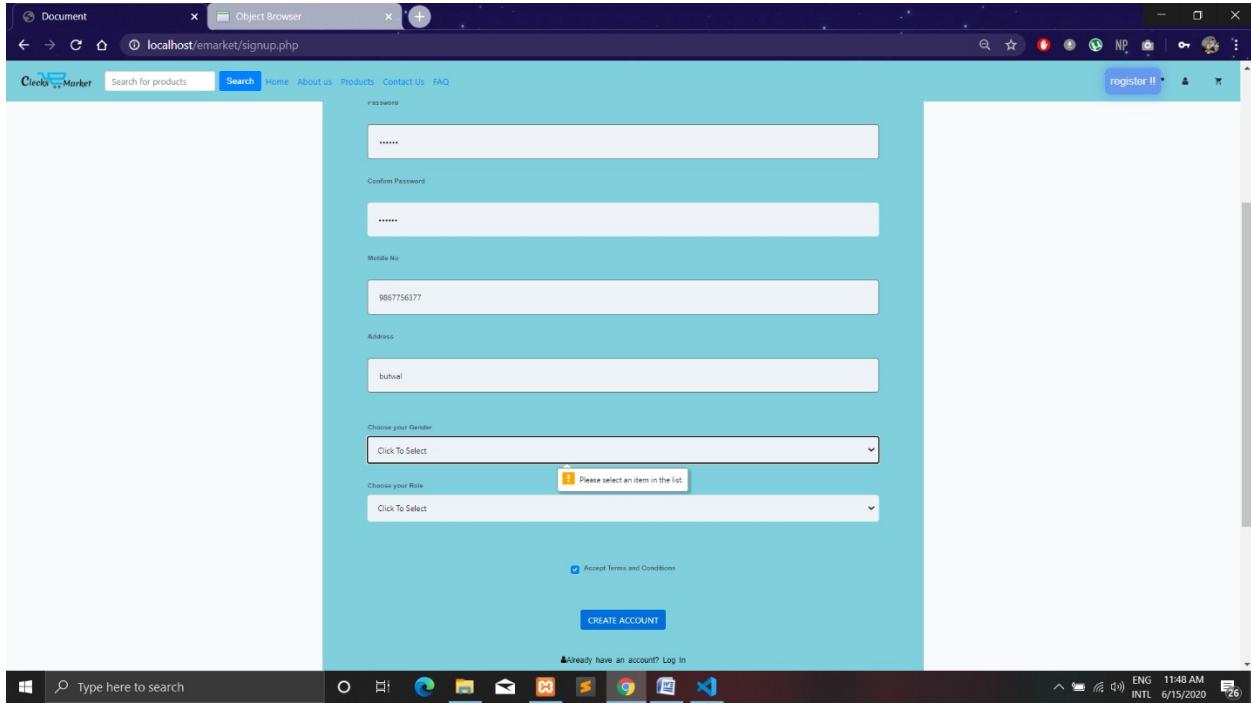
If the mobile number is more or less than 10 digits, the error shown above will be displayed.

- **Empty Address:**



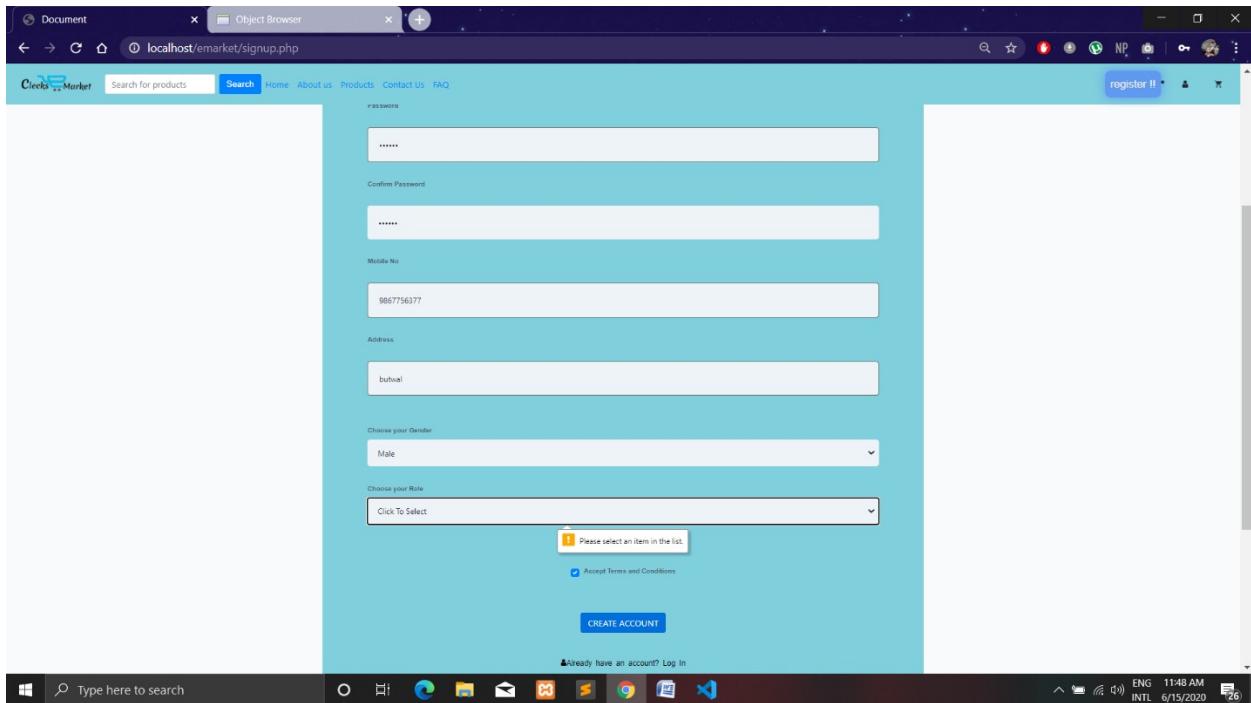
User must enter their address in the registration form as shown above.

- **Gender Required**



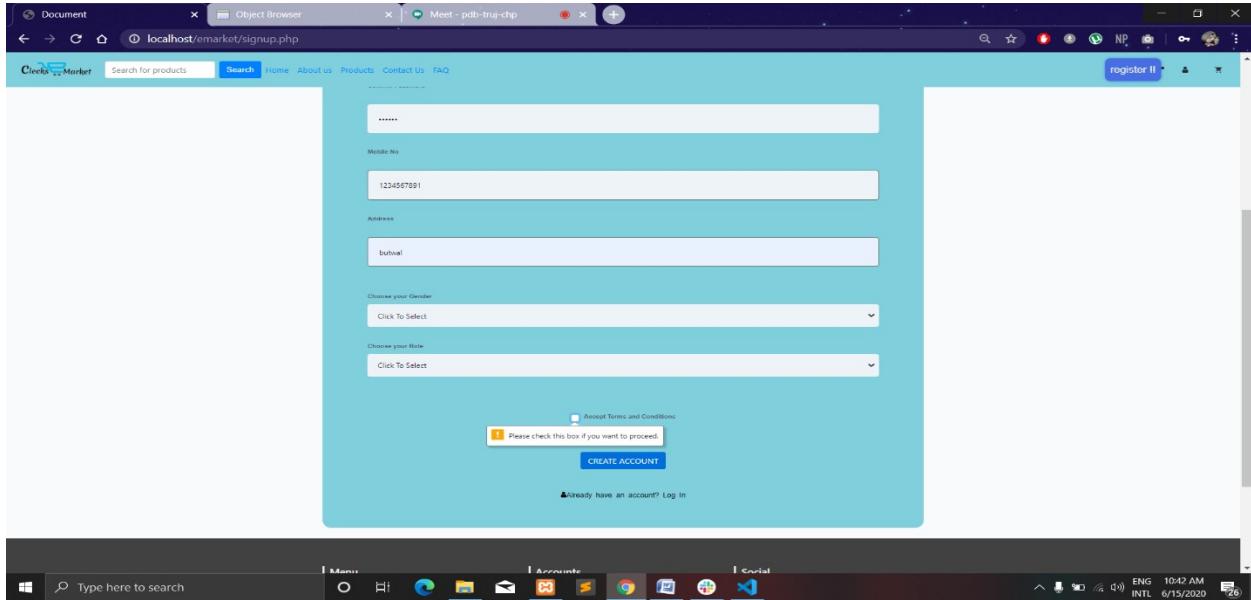
User is required to select their gender.

- **Role Required**



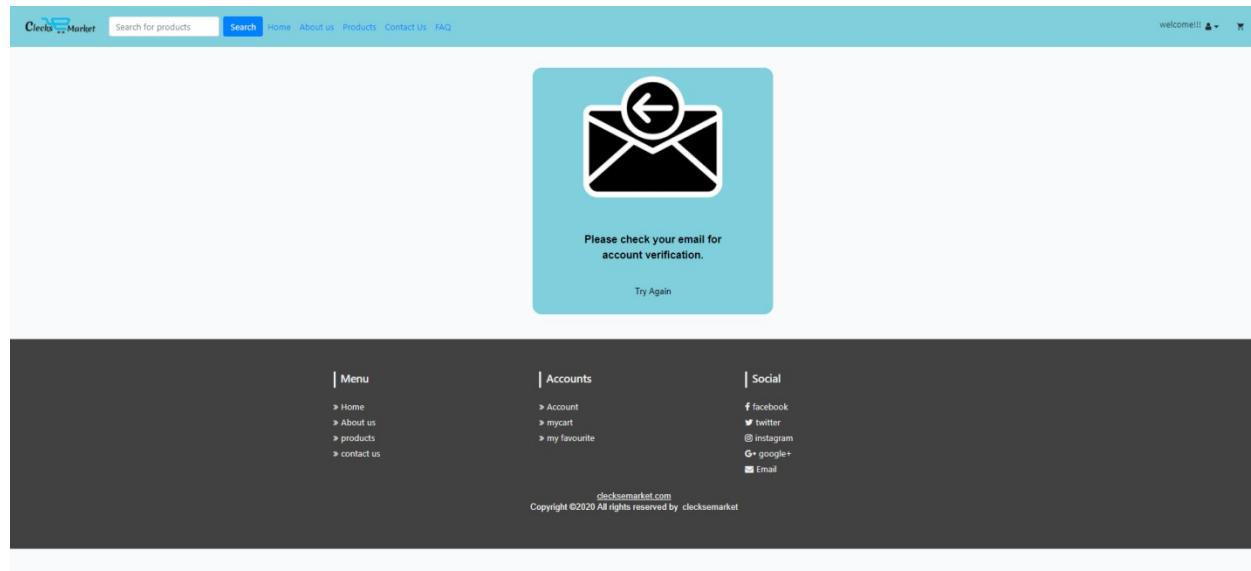
User is required to select their role before registering. This will help to recognize whether a user is customer, trader or admin.

- **Terms And Conditions**



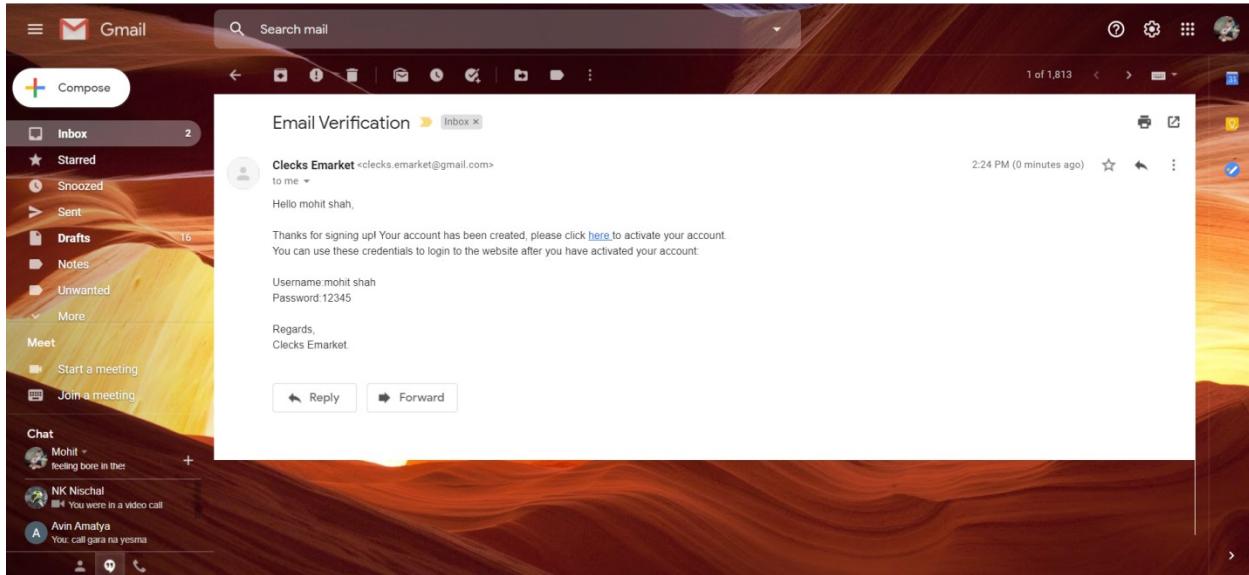
User must accept the terms and conditions of the website before registering.

- **Email Verification Notification**



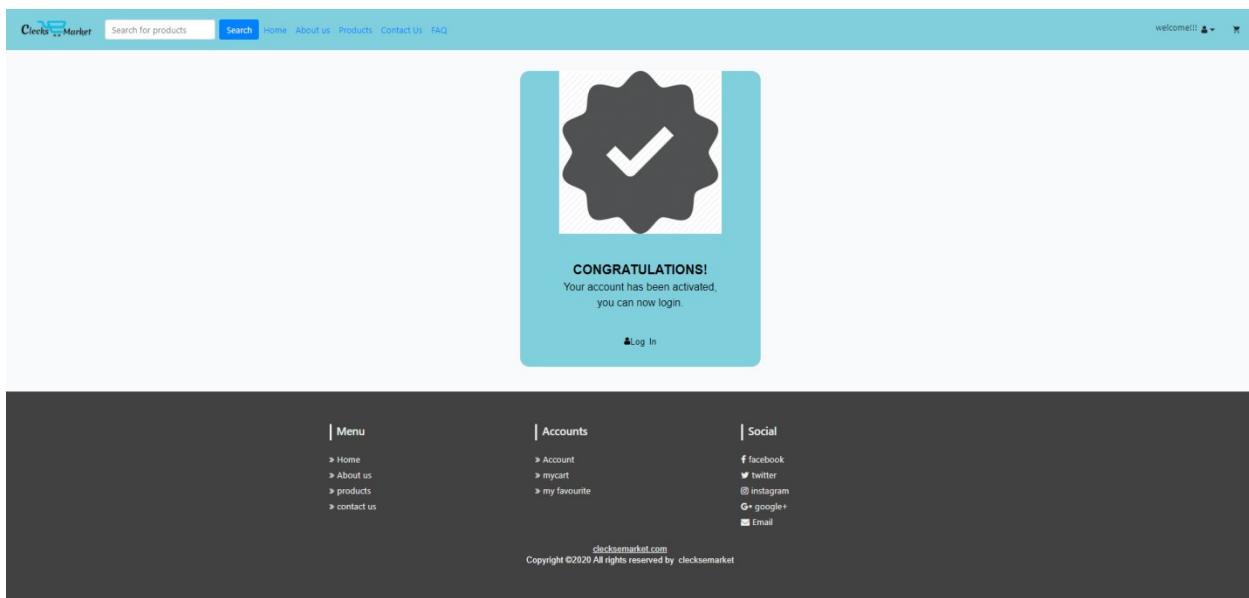
Once all the required fields are filled and registration is successful, an email is sent by the company to verify the user. The user will be notified of this by the page shown above. In case, they did not receive an email they can click on the 'try again' link and head back to register again.

- **Email Verification**



As shown in the picture above, the email provides user with the username and password and a verification link. User can click on the link and enter the credentials provided to successfully login.

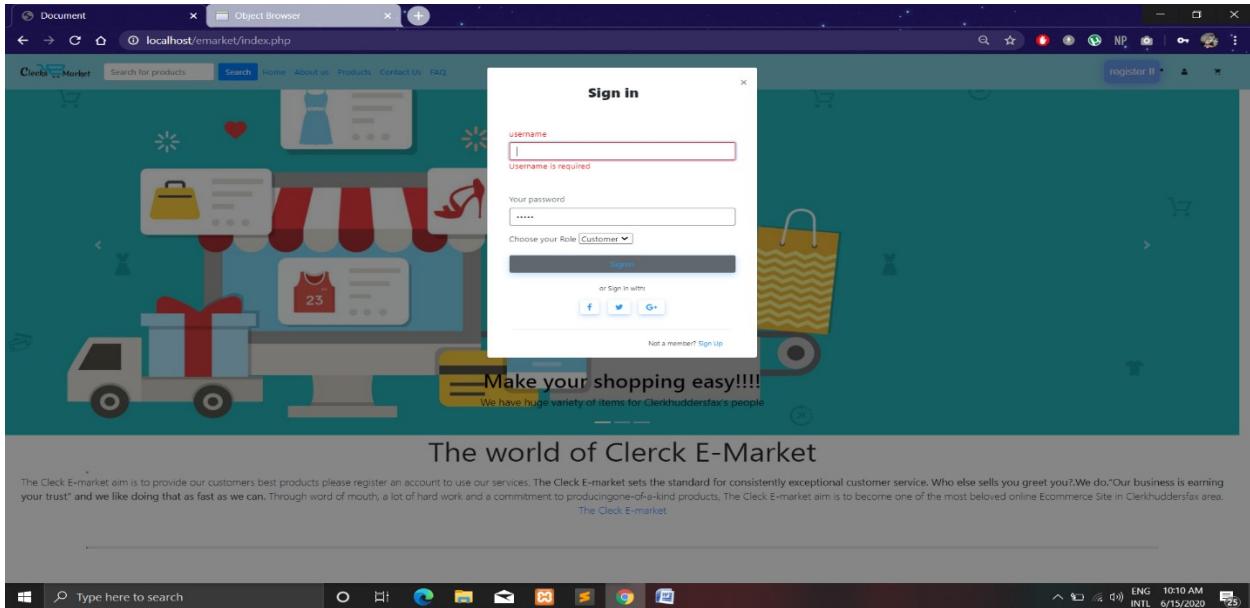
- **User Verified**



After clicking on the verification link, user will be directed towards this page. Now, that the user is verified, they can continue to login to access the Cleck's Emarket facilities.

LOGIN:

- **Username Required**



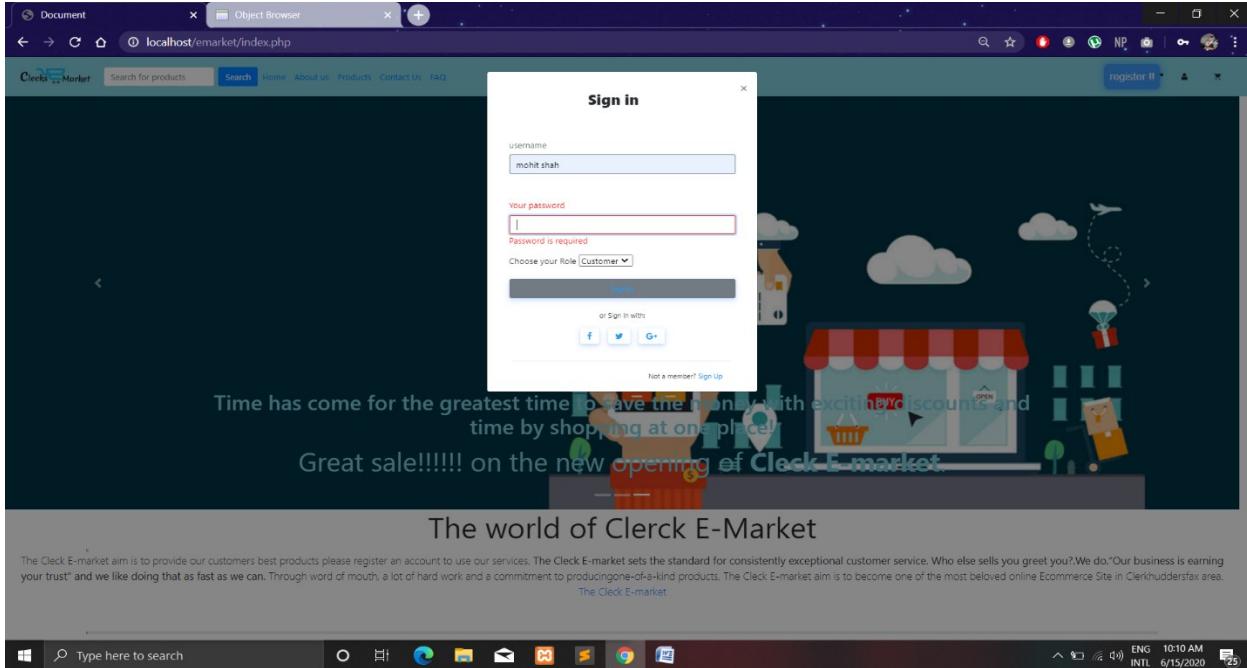
User must enter their username in the login form in order to login successfully otherwise error message will be displayed as shown above.

- **Username not found**



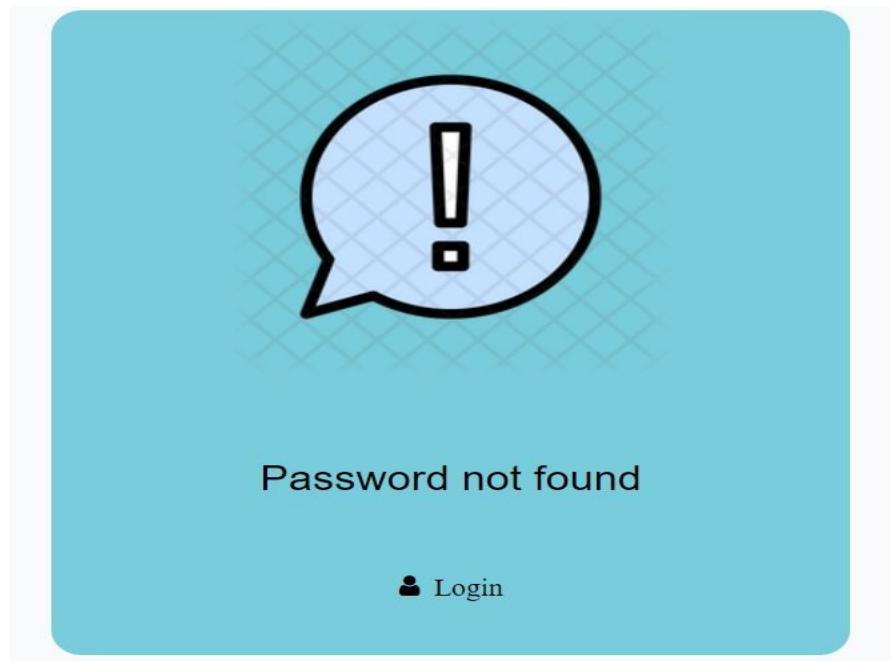
User must enter correct username provided in the verification email otherwise, otherwise error message will be displayed as shown above.

- **Password Required**



User must enter their password in the login form in order to login successfully otherwise error message will be displayed as shown above.

- **Password Not Found**



User must enter correct password provided in the verification email otherwise, otherwise error message will be displayed as shown above.

- **Invalid Role**



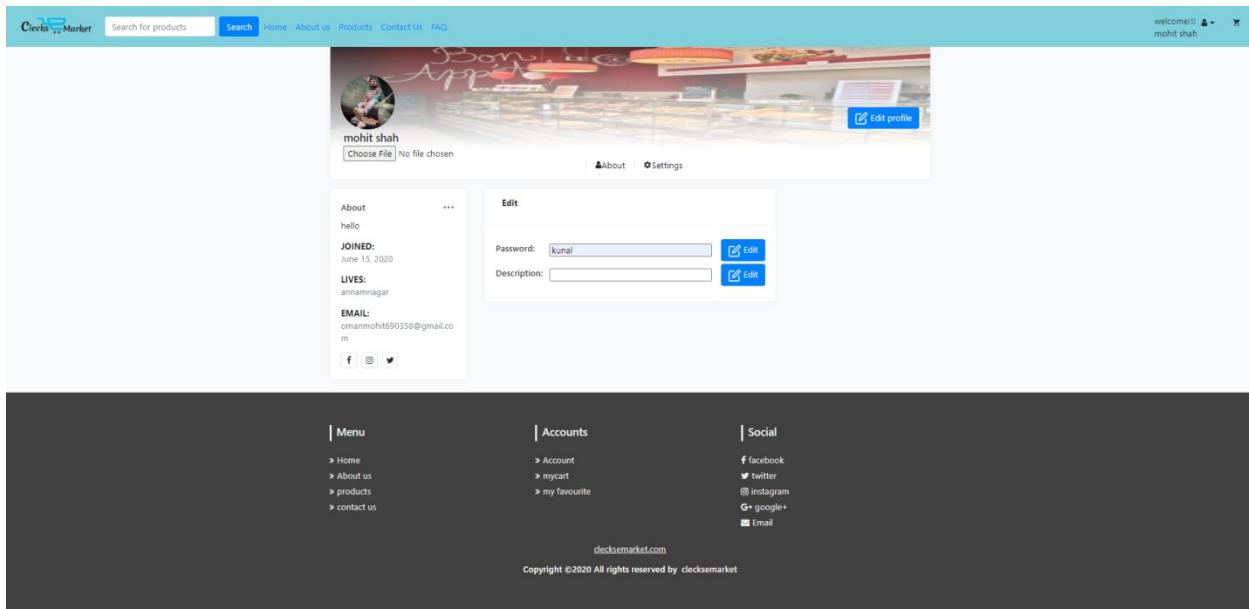
User must select whether they are customer/trader/admin correctly, otherwise error message will be displayed as shown above.

- **Valid Login**

A screenshot of a login page for "Clicks Market". The page has a dark header bar with the logo and navigation links: "Search for products", "Search", "Home", "About us", "Products", "Contact Us", and "FAQ". The main content area is titled "Sign in". It contains fields for "username" (with placeholder "mohit shah") and "Your password" (with placeholder "*****"). A dropdown menu "Choose your Role" is set to "Customer". Below these are "Sign in" and "Sign in with" buttons, followed by links for "Facebook", "Twitter", and "Google+". At the bottom is a "Not a member? Sign Up" link. The footer is dark with white text: "Menu" (links to Home, About us, Products, Contact us), "Accounts" (links to Account, mycart, my favourite), "Social" (links to Facebook, Twitter, Instagram, Google+, Email), and copyright information: "clicksemarket.com Copyright ©2020 All rights reserved by clicksemarket".

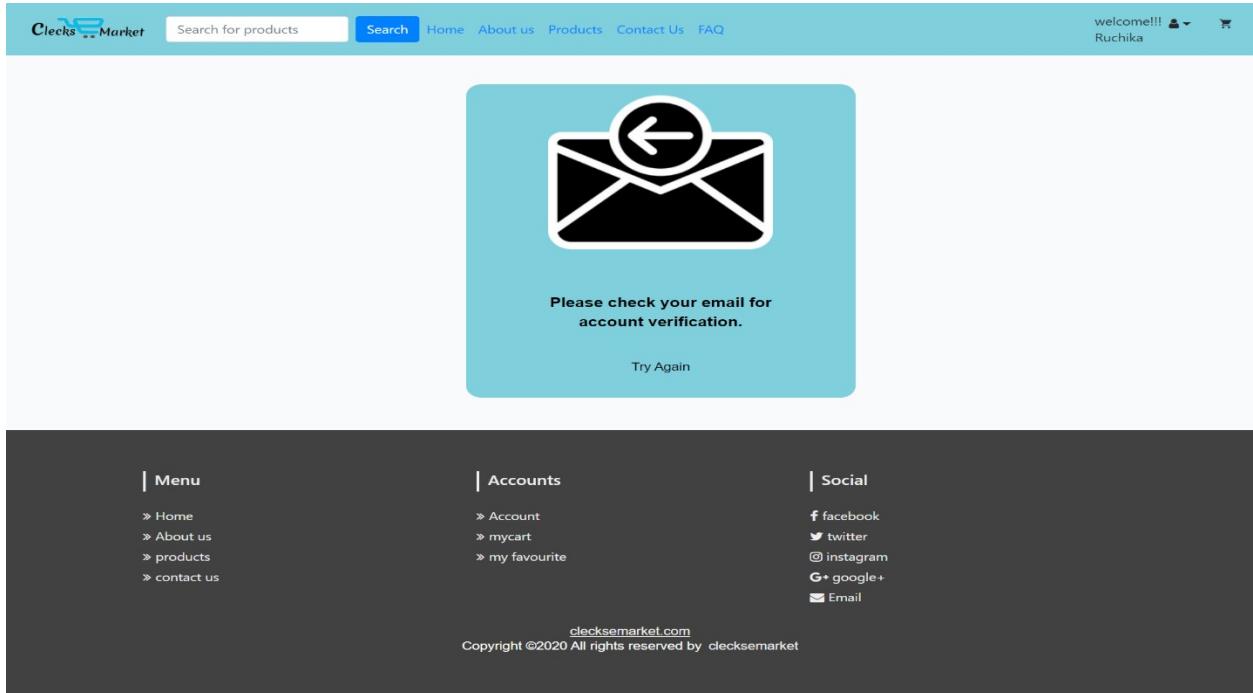
Once all the fields are filled and correct credentials are provided user will be able to login successfully.

- **Profile Page**



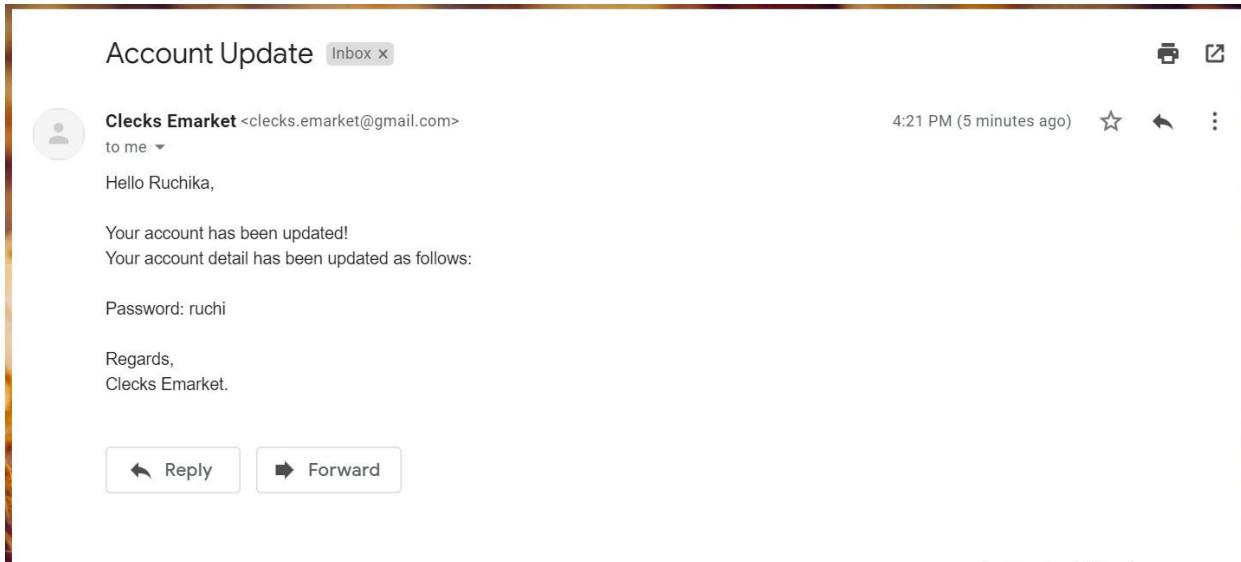
Once the customer has logged in, they will be directed to their profile. In the profile page, they can change their details according to their needs.

- **Password Update**



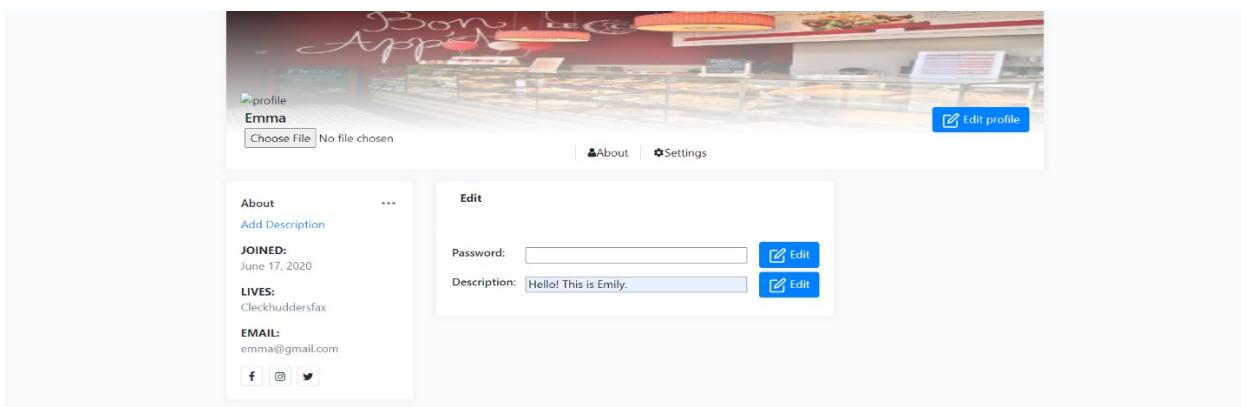
If the user updates their password, they will receive an email notifying them of the change.

- **Account Update**

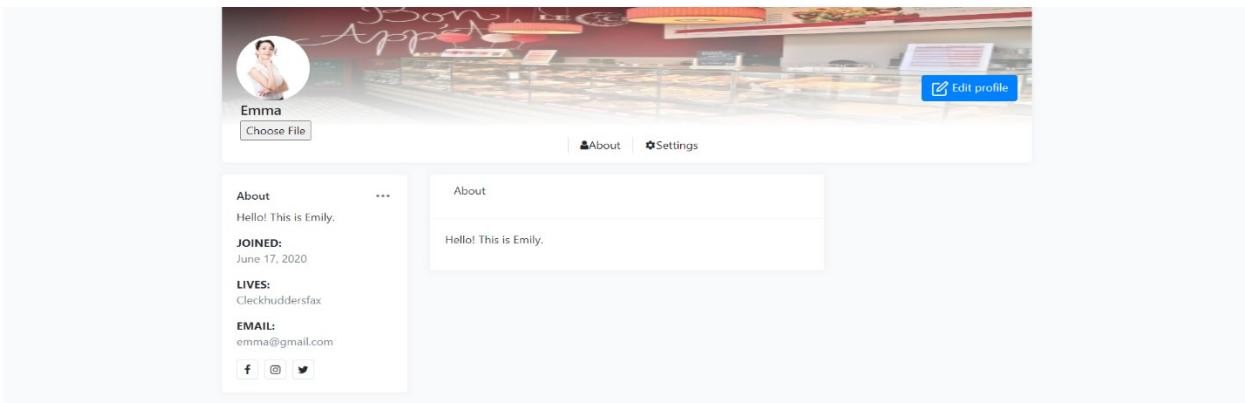


This is the email sent by Cleck's Emarket to their user in case of password update.

- **Update Description**

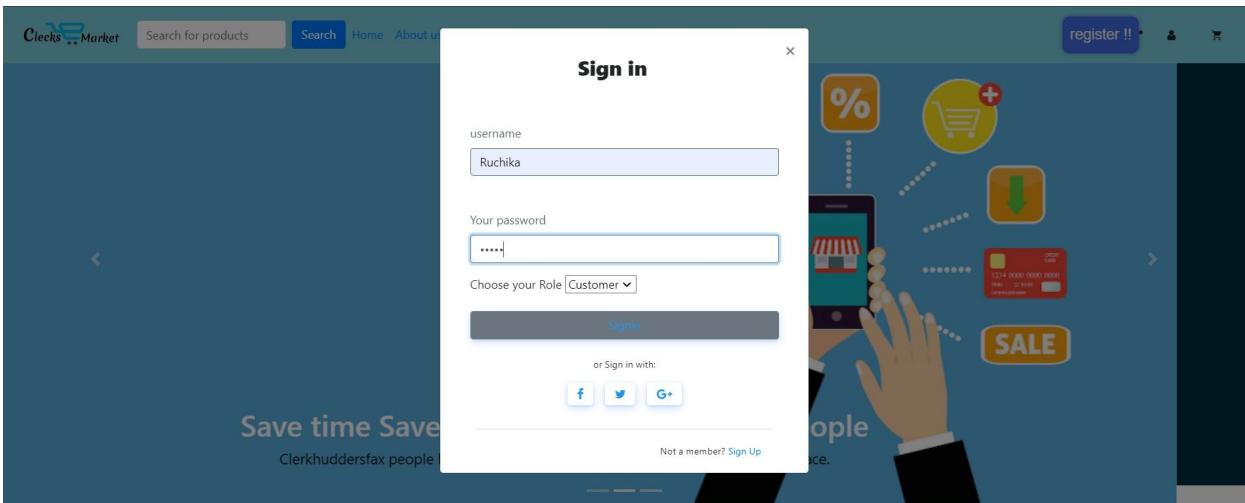


Users can also provide a little description about themselves like above and it will be displayed in their bio.



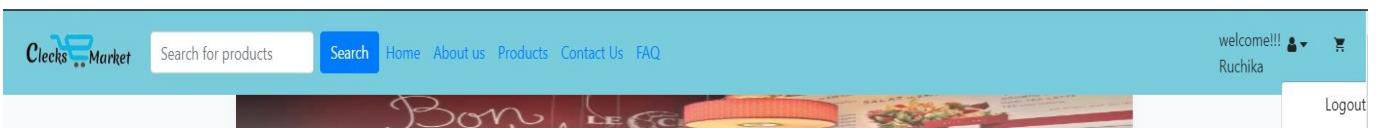
CUSTOMER INTERFACE:

- Login



Customers will be able to login to their account by clicking on the user icon in the navigation bar and filling all the fields in the form with correct credentials.

- Logout



Customers will be able to logout of their account by clicking on the dropdown option in the navigation bar and selecting ‘logout’. After doing so they will be redirected to logout page.

- **Product Page**

The screenshot displays the Clickse Market website interface. At the top, there's a search bar with 'Search for products' and a 'Search' button, followed by links for 'Home', 'About us', 'Products', 'Contact us', and 'FAQ'. On the right side, there are buttons for 'register' and a user profile icon.

The main header features a colorful illustration of a truck carrying various items like a dress, handbag, shoes, boxes, a gift bag, and a smartphone with a dollar sign. Below the header is a sidebar with two sections:

- SELECT SHOP** with checkboxes for Fresh Mart, Fresh Meat, Fresh Deli, Fresh Bakery, and Fresh Shop.
- CATEGORIES** with checkboxes for Fish and Seafood, Vegetable, Meat, Delicatessen, Fruits, and Bakery.

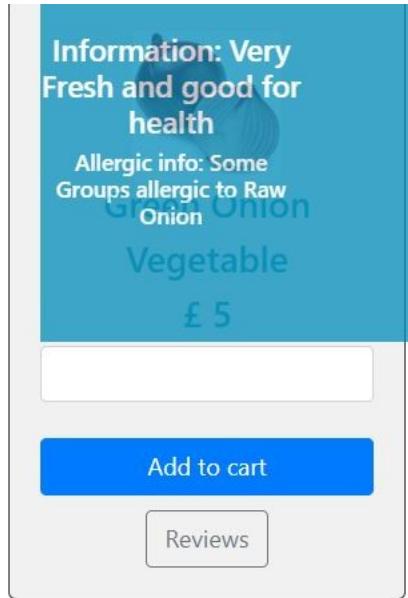
The main content area shows a grid of 12 product cards, each with an image, name, price, and buttons for 'Add to cart' and 'Reviews'.

Product	Category	Price
Green Onion Vegetable	Vegetable	£ 5
Potato Vegetable	Vegetable	£ 6
Pork Belly Meat	Meat	£ 10
Kiwi Fruits	Fruits	£ 10
Apple Fruits	Fruits	£ 5
Chicken Breast Meat	Meat	£ 15
Cake Bakery	Bakery	£ 22
Pastery Bakery	Bakery	£ 16
Tuna Fish and Seafood	Fish and Seafood	£ 24
Rohu Fish and Seafood	Fish and Seafood	£ 27
Coffee Delicatessen	Delicatessen	£ 8
Fine Green Tea Delicatessen	Delicatessen	£ 23

Below the grid, there are three sections: 'Bestsellers' (Bakery shop), 'Top offers' (Bakery shop), and 'Best rated' (Bakery shop). Each section shows a thumbnail image of the shop interior, the shop name, a rating (4.0 stars), and the number of reviews (14395).

The footer is dark with white text and icons. It includes links for 'Menu', 'Accounts', 'Social', and social media icons for Facebook, Twitter, Instagram, Google+, and Email. The footer also contains the copyright information: 'Clicksemarket.com Copyright ©2020 All rights reserved by clicksemarket'.

Customers can browse through products by visiting the product page. The sidebar facilitates sort by category and sort by shop filter to make it easy for customers to shop accordingly.



The user can view more details about a particular product by hovering on it as shown above. Similarly, if they wish to view reviews on a particular product or post about it then they can click on the 'Reviews' button.

- **Review Page**

PRODUCT NAME	PRICE	DESCRIPTION	ALLERGY INFO
Green Onion Category: Vegetable	£5	Very Fresh and good for health	Some Groups allergic to Raw Onion

The review page is designed to give more in-depth information about a product. Customers can view reviews from other users in the 'product reviews' sections.

- **Add Review**

ADD REVIEW:

If you have some review for the product you can leave them in the box below

I love shopping from Clecks :)

Add Review

If a customer wished to post review on any product they want, they can simply do so by clicking on the 'Add Review' button.

- **Review Successful**

The screenshot shows a user interface for a website named 'Clecks Market'. At the top, there is a navigation bar with links for Home, About us, Products, Contact Us, and FAQ. On the right side of the top bar, it says 'welcome!!!' followed by a user icon and the name 'Ruchika'. Below the navigation bar, there is a large central message box. Inside the message box, there is a large dark grey starburst shape containing a white checkmark. Below this icon, the word 'Done!' is displayed in bold capital letters, followed by the smaller text 'Review added successfully'. At the bottom of the message box, there is a blue link labeled 'Browse Products'. At the very bottom of the page, there is a footer section with three columns: 'Menu' (links to Home, About us, products, contact us), 'Accounts' (links to Account, mycart, my favourite), and 'Social' (links to Facebook, Twitter, Instagram, Google+, and Email). The footer also includes the website's URL 'clocksemarket.com' and a copyright notice: 'Copyright ©2020 All rights reserved by clocksemarket'.

After posting a review, a message notifying the success is displayed.

- **Product Search**

The screenshot shows the Clicks Market website interface. At the top, there's a navigation bar with the logo 'Clicks Market', a search bar containing 'kiwi', and links for Home, About us, Products, Contact Us, and FAQ. On the right, it says 'welcome!!! Mohit Shah' and has a user icon. The main content area features a large blue background with a hand holding a smartphone displaying a store interface. Surrounding the phone are various icons: a globe labeled 'NEW', a percentage sign, a shopping cart with a plus sign, a download arrow, a credit card, and a 'SALE' sign. Below this, there are two side-by-side boxes. The left box is titled 'SELECT SHOP' and lists categories: Fresh Mart, Fresh Meat, Fresh Deli, Fresh Bakery, and Fish Shop. The right box is titled 'CATEGORIES' and lists: Fish and Seafood, Vegetable, Meat, Delicatessen, Fruits, and Bakery. Between these boxes is a product card for 'Kiwi Fruits £ 10' with an 'Add to cart' button and a 'Reviews' link.

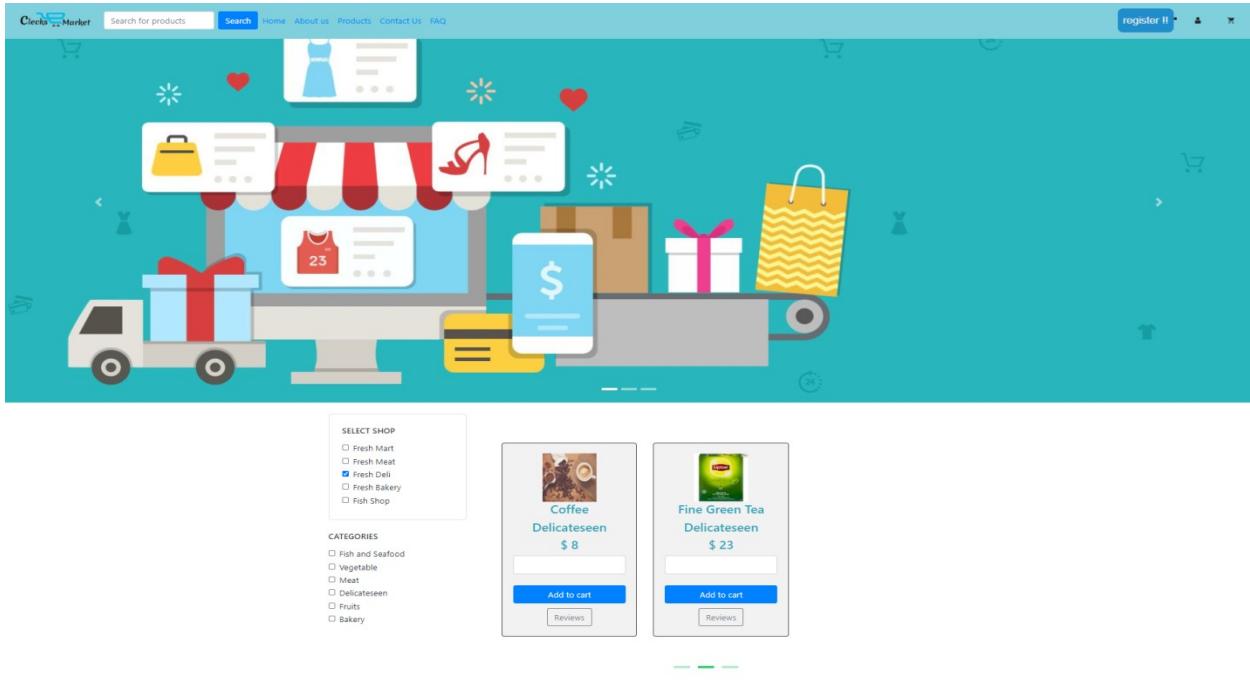
Customers can search products directly without having to browse through it by simply entering their name on the search field present in navigation bar. If the searched product is available, it will be displayed as shown above.

- **Product Not Found**

The screenshot shows the Clicks Market website interface. At the top, there's a navigation bar with the logo 'Clicks Market', a search bar containing 'Banana', and links for Home, About us, Products, Contact Us, and FAQ. On the right, it says 'welcome!!! Emma' and has a user icon. The main content area shows a search result for 'Banana'. On the left, there are two filter boxes: 'SELECT SHOP' (listing Fresh Mart, Fresh Meat, Fresh Deli, Fresh Bakery, Fish Shop) and 'CATEGORIES' (listing Fish and Seafood, Vegetable, Meat, Delicatessen, Fruits, Bakery). To the right, a message 'No Products Found' is displayed, followed by three horizontal green dashed lines.

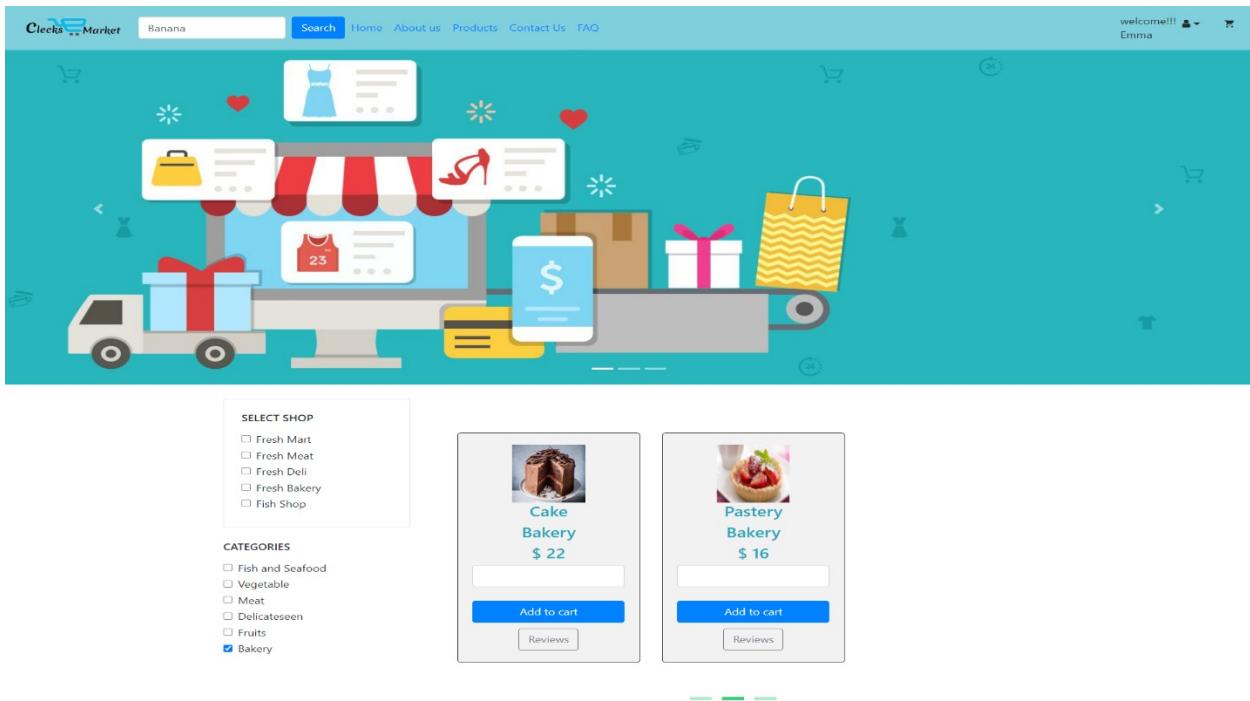
No products found message is displayed if the searched product is unavailable.

- **Sort By Shop**



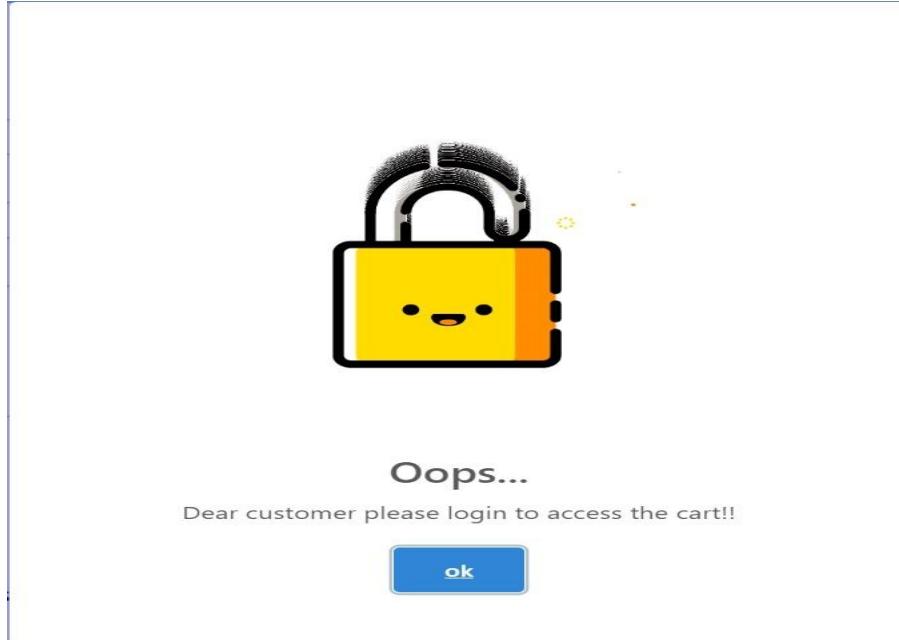
Customers will be able to filter products according to **shop** by clicking on the box present in the sidebar.

- **Sort By Category**



Customers will be able to filter products according to **category** by clicking on the box present in the sidebar.

- Add to Cart without login



Customers won't be able to access cart if they are not logged in.

- Add to Cart

#	Product name	quantity	Price	sub-total
1	Tuna	2	£24	£47
2	Green Onion	1	£5	£5
3	Pastery	2	£16	£32
4	Rohu	2	£27	£51
5	Coffee	2	£8	£14
6	Chicken Breast	1	£15	£13
Total £156.00				

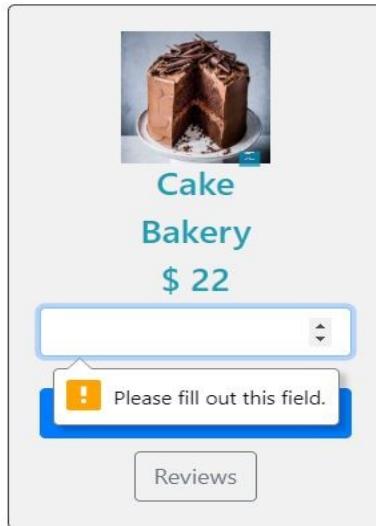
Save time Save Money Clerkhuddersfax people
Clerkhuddersfax people have the easiest way to shop multiple Products in one place.

The world of Clerck E-Market

The Grocers aim is to provide our customers best products please register an account to use our services. The Grocers sets the standard for consistently exceptional customer service. Who else sells you greet you? We do! Our business is earning your trust and we like doing that as fast as we can. Through word of mouth, a lot of hard work and a commitment to producing one-of-a-kind products. The Grocers aim is to become one of the most beloved online Ecommerce Site in Clerkhuddersfax area. The Grocers

Customers will be able to add as many products to cart as they wish.

- Quantity required



Firstly, customers must enter quantity to enter products to cart.

- **Checkout Page**

PRODUCT	QUANTITY	PRICE	DISCOUNT	SUBTOTAL	REMOVE
Green Onion Category: Vegetable	3	£5	£2	£9	
Potato Category: Vegetable	4	£6	£2	£25	
Chicken Breast Category: Meat	8	£15	£2	£129	
Tuna Category: Fish and Seafood	2	£24	£1	£175	

ORDER SUMMARY

Shipping and additional costs are calculated based on values you have entered.

Total	£175.00
-------	---------

Pay with

Powered by PayPal

| [Menu](#)

» [Home](#)

» [About us](#)

» [products](#)

» [contact us](#)

| [Accounts](#)

» [Account](#)

» [mycart](#)

» [my favourite](#)

| [Social](#)

[facebook](#)

[twitter](#)

[instagram](#)

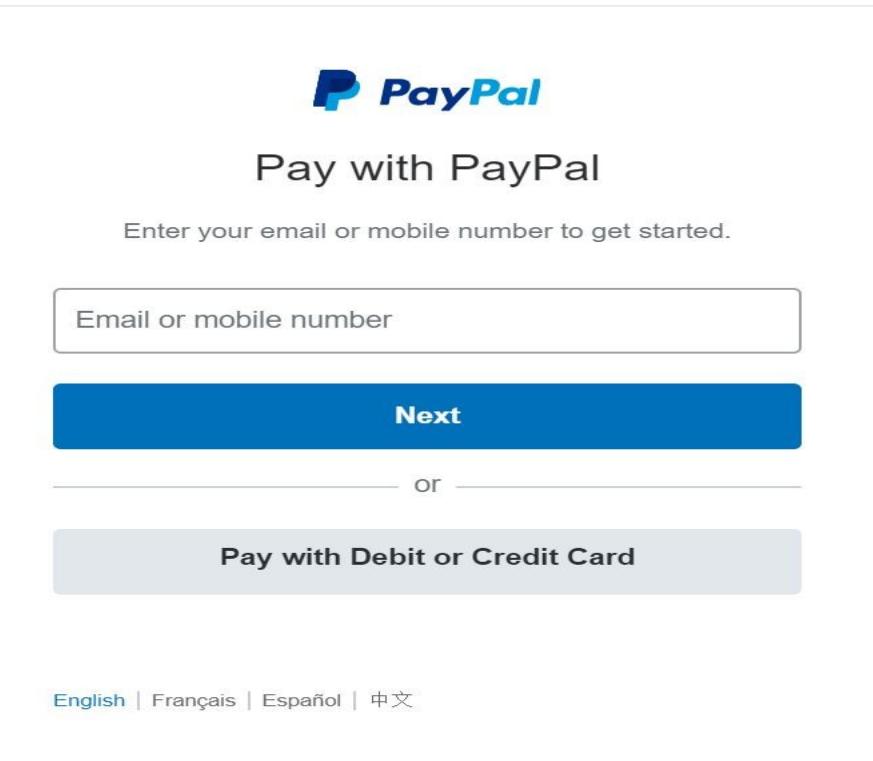
[google+](#)

[Email](#)

clicksemarket.com
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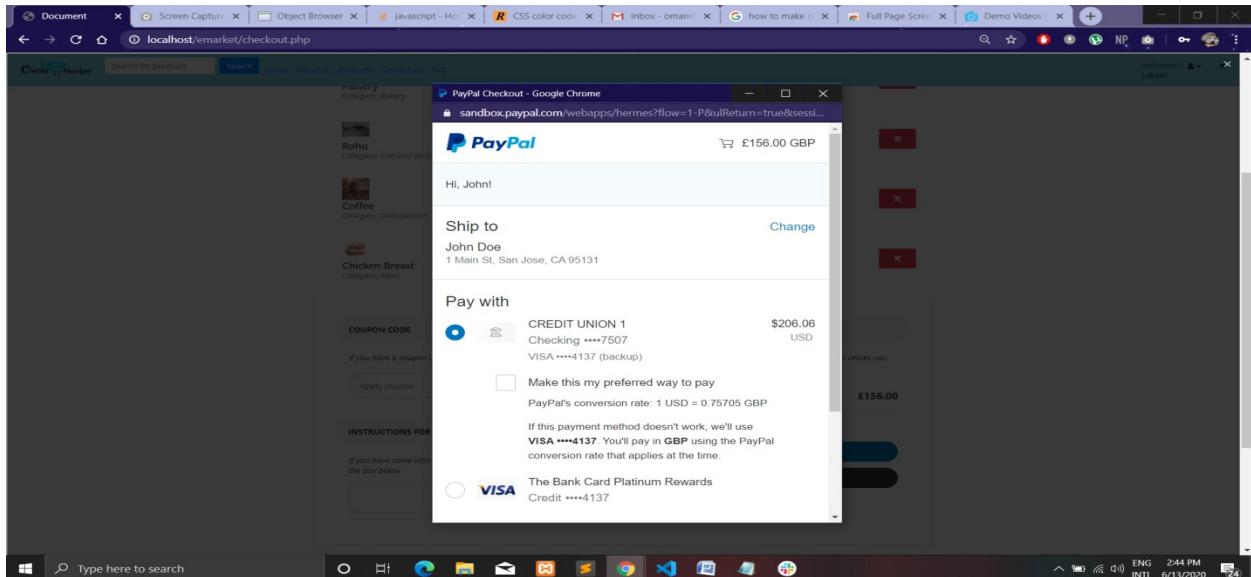
In the checkout page, customers will be provided with a sum total of all their products in the 'Order Summary' section. If the customer wishes to checkout, they can select the from the payments options and proceed. Lastly, they can remove products from cart any time they want.

- **PayPal Login**



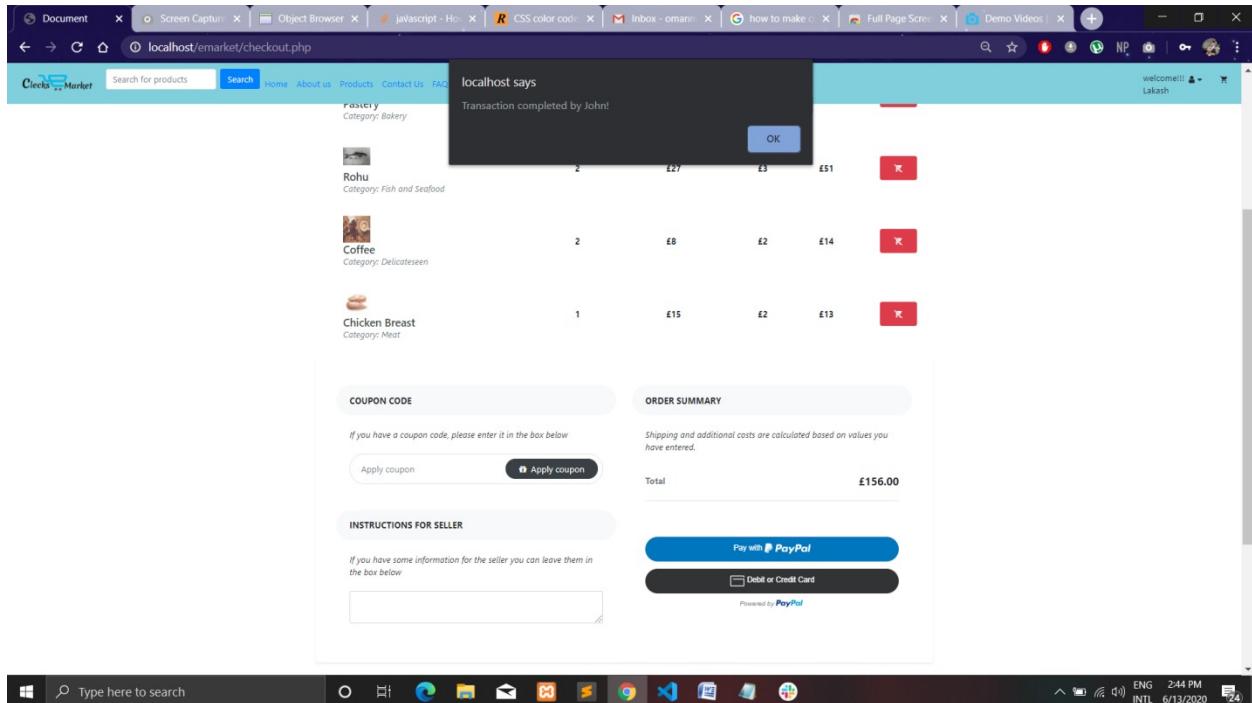
Users must login to their PayPal account in order to make a payment and checkout.

- **PayPal Confirmation**



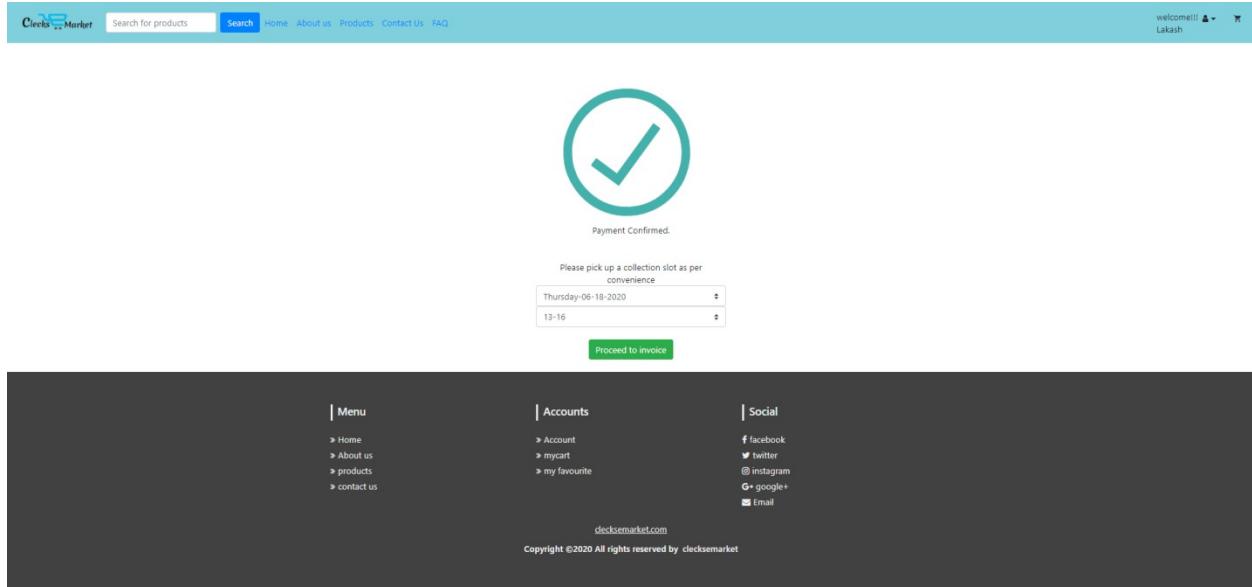
After logging in, customer will be asked for their payment details.

- **Payment Completion**



After payment, transaction completed message will be displayed as shown above.

- **Collection Slot**



After payment completion, customer will be asked to choose a collection slot for their order as shown above.

- **Invoice**

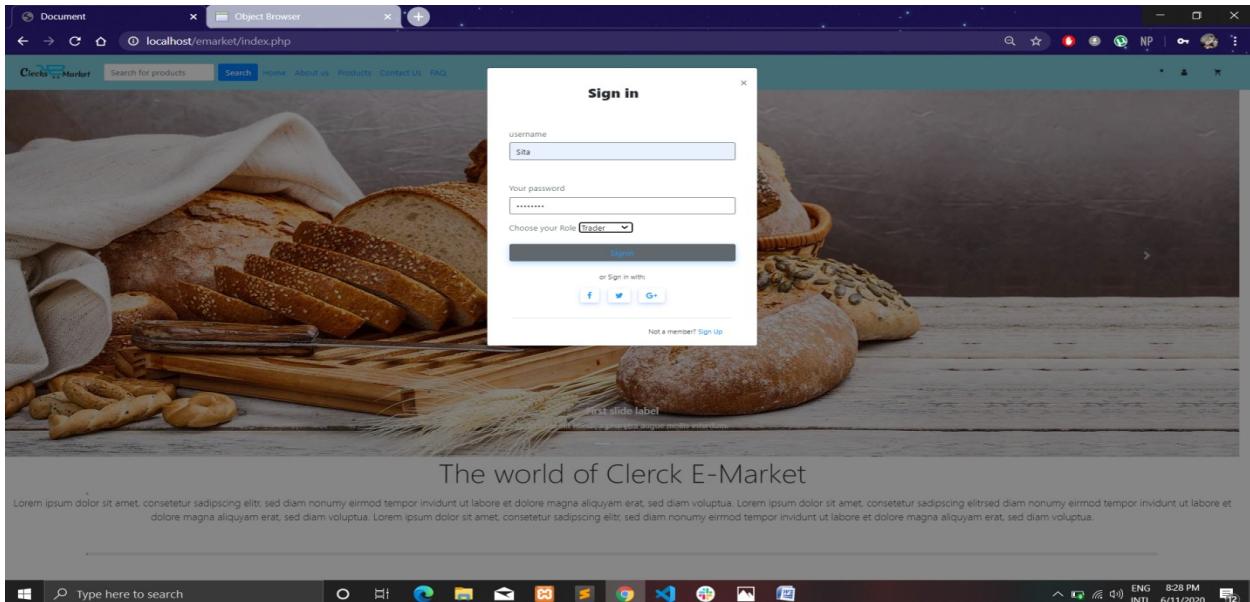
Finally, the user will be provided with an invoice that holds their order information.

- **Email Invoice**

By clicking on the 'PDF Send' button, user will be notified that the invoice has been emailed to them.

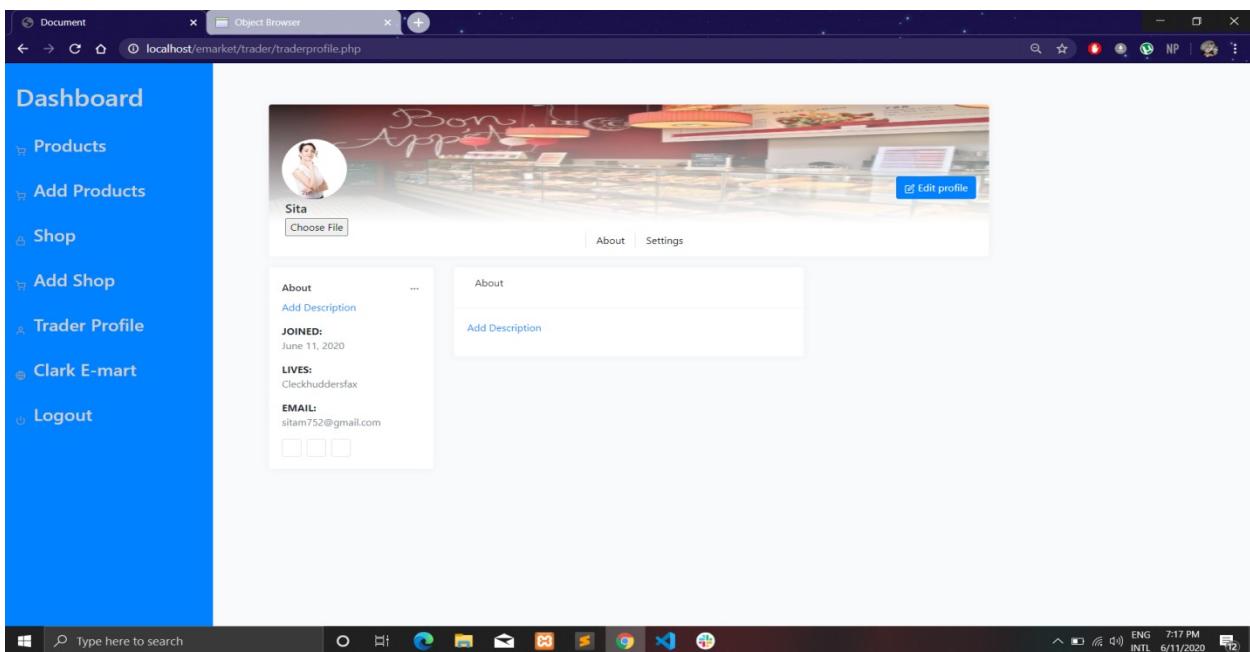
TRADER INTERFACE:

● Login



Each trader can login via Cleck's Emarket login page with their own credentials.

● Dashboard



Trader will be redirected to their dashboard after login. Trader dashboard consists of facilities like add/view/update products, add/view shop, trader profile where they can edit their profile details, link to home page and a logout button.

● View Product

The screenshot shows a dashboard sidebar on the left with options like Dashboard, Products, Add Products, Shop, Add Shop, Trader Profile, Clark E-mart, and Logout. The main area is titled 'Read Products' and contains a table with 5 rows of product data. Each row includes columns for ID, Name, shop Name, Price, stock, Category, Information, ALLERGY INFO, Image, and Action (Edit and Delete buttons). Below the table is a 'Create New Product' button.

ID	Name	shop Name	Price	stock	Category	Information	ALLERGY INFO	Image	Action
1	Green Onion	Fresh Mart	5	13	Vegetable	Very Fresh and good for health	Some Groups allergic to Raw Onion		<button>Edit</button> <button>Delete</button>
2	Potato	Fresh Mart	6	14	Vegetable	Very Fresh caloric diet	Rhinitis to some group		<button>Edit</button> <button>Delete</button>
4	Kiwi	Fresh Mart	10	20	Fruits	This fruit is very tasty. It has many benefits.	Mild prickly symptoms to some		<button>Edit</button> <button>Delete</button>
5	Apple	Fresh Mart	5	15	Fruits	Rich in vitamin and minerals. Very good.	Sensitive groups develop symptoms		<button>Edit</button> <button>Delete</button>

Trader will be able to view products via this page.

● Update Product

The screenshot shows a dashboard sidebar on the left with options like Dashboard, Products, Add Products, Shop, Add Shop, Trader Profile, Clark E-mart, and Logout. The main area is titled 'Update Product' and contains a form with fields for ProductID, Product_Name, Shop_Name, Price, Discount, Stock, Information, Review, Category, and Allergy_Info. There is also a file upload field labeled 'Choose File' with the message 'No file chosen'. At the bottom are 'Update' and 'Back to read products' buttons.

Trader will be able to update products by entering all the field in the form shown above.

● Add Product

Dashboard

Products

Add Products

Shop

Add Shop

Trader Profile

Clark E-mart

Logout

Type here to search

create product Object Browser localhost/emarket/trader/create.php

Insert Product

PRODUCT_NAME	buf momo
SHOP_NAME	fresh meat
PRICE	10
STOCK	34
DISCOUNT_AMOUNT	2
INFORMATION	this is the fresh meat of buffalo
CATEGORY	meat
ALLERGY_INFO	this is not recommended for patients
IMAGE	Choose File beef.jpg

Submit Back to read products

225 PM ENG INTL 6/11/2020

After the trader adds a product using the form, a message notifying success will be displayed as shown below.

Dashboard

Products

Add Products

Shop

Add Shop

Trader Profile

Clark E-mart

Logout

Type here to search

create product Object Browser localhost/emarket/trader/create.php

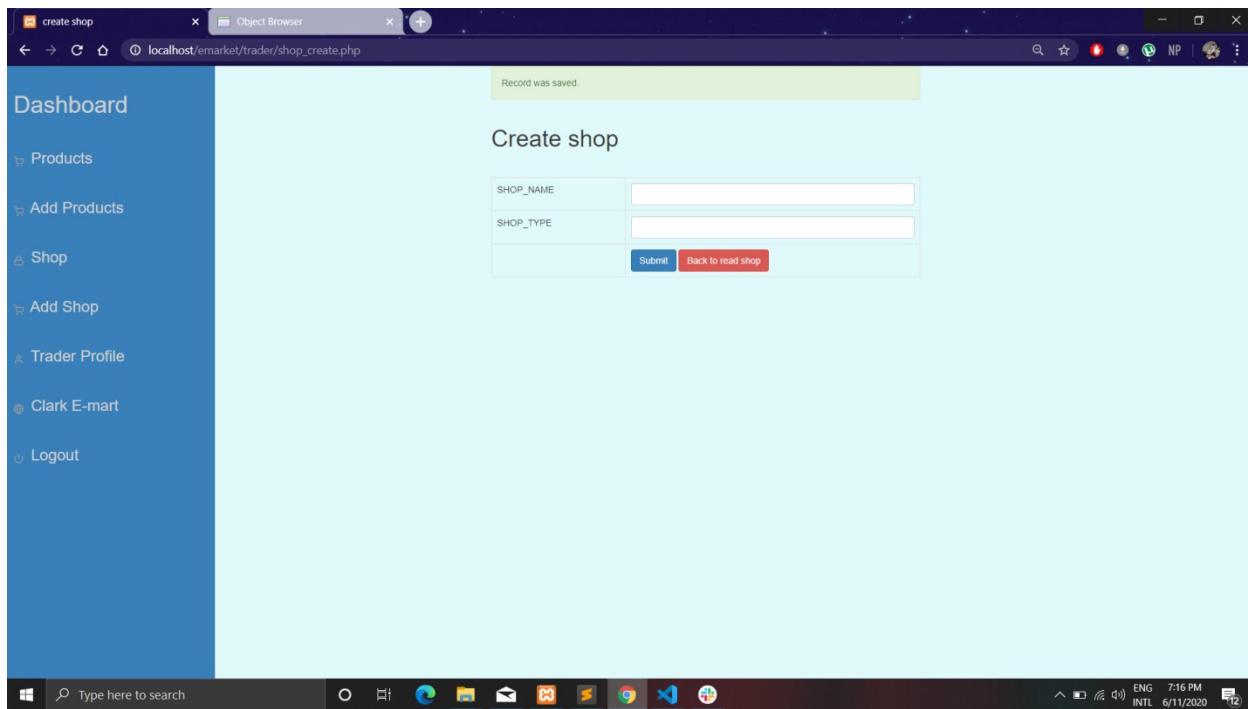
Insert Product

PRODUCT_NAME	
SHOP_NAME	
PRICE	
STOCK	
DISCOUNT_AMOUNT	
INFORMATION	
CATEGORY	
ALLERGY_INFO	
ENTERED_BY	
IMAGE	Choose File No file chosen

Submit Back to read products

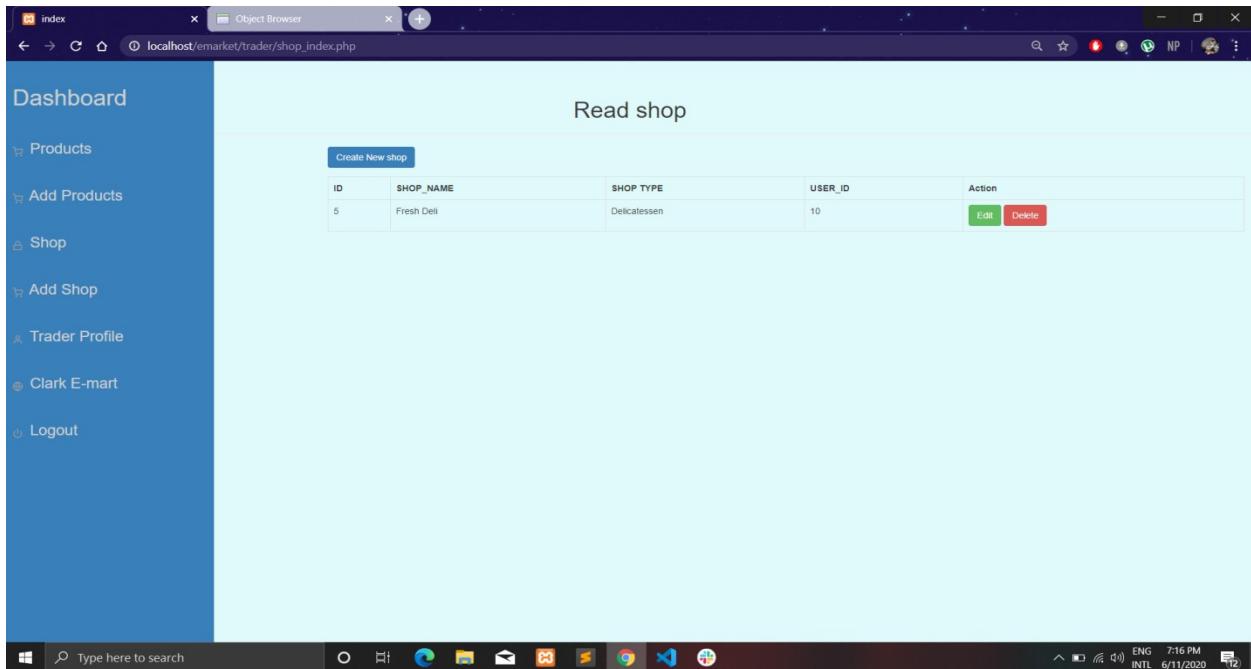
6:53 PM ENG INTL 6/11/2020

● Add Shop



Trader can add their shop by filling in the provided form and filling in all the required details and clicking on submit.

- **View Shop**



Trader can view their shop details via this page. There is also a 'create new shop' button that redirects to add shop page, an 'edit' button which redirects to update shop page and a delete button which deletes the product.

- **Delete Shop**

Dashboard

Products

Add Products

Shop

Add Shop

Trader Profile

Clark E-mart

Logout

Read shop

Record was deleted.

ID	SHOP_NAME	SHOP_TYPE	USER_ID	Action
5	Fresh Dell	Delicatessen	10	<button>Edit</button> <button>Delete</button>
53	butwal	sdgjyjtbike	10	<button>Edit</button> <button>Delete</button>

Traders can delete their shop by clicking on the delete button.

- **Update Shop**

Dashboard

Products

Add Products

Shop

Add Shop

Trader Profile

Clark E-mart

Logout

Update shop

Shop Id
5

Shop_Name
Fresh Dell

Shop_Type
Delicatessen

USERID
10

Updated

Trader can also update his/her shop by filling the form shown above.

- **View Product**

The screenshot shows a web application interface for managing products. On the left, a sidebar menu includes options like 'Products', 'Add Products', 'Shop', 'Add Shop', 'Trader Profile', 'Clark E-mart', and 'Logout'. The main content area is titled 'Read Products' and displays a table of products. The table has columns for ID, Name, shop Name, Price, stock, Category, infromation, ALLERGY IFO, image, and Action. Three rows are listed:

ID	Name	shop Name	Price	stock	Category	infromation	ALLERGY IFO	image	Action
50	Eleanor Daniel	Fresh Deli	10	2	meat	this is export product	this is allergic to patient		<button>Edit</button> <button>Delete</button>
12	Coffee	Fresh Deli	600	65	Delicateseen	Essentials	Essential		<button>Edit</button> <button>Delete</button>
13	Fine Green Tea	Fresh Deli	600	55	Delicateseen	Essentials	Delicateseen		<button>Edit</button> <button>Delete</button>

The status bar at the bottom shows the URL 'localhost/emarket/trader/delete.php?id=50'.

Each trader will be able to view their products as well as add/update/delete them via this page.

● Delete Product

The screenshot shows the same 'Read Products' page as before, but with a success message: 'Record was deleted.' displayed in a pink box at the top. The product with ID 12 (Coffee) is now missing from the list.

ID	Name	shop Name	Price	stock	Category	infromation	ALLERGY IFO	image	Action
12	Coffee	Fresh Deli	600	65	Delicateseen	Essentials	Essential		<button>Edit</button> <button>Delete</button>
13	Fine Green Tea	Fresh Deli	600	55	Delicateseen	Essentials	Delicateseen		<button>Edit</button> <button>Delete</button>

The status bar at the bottom shows the URL 'localhost/emarket/trader/index.php?action=deleted'.

Trader can delete his/her product by clicking on the delete button. After, record was deleted message will be displayed.

● Update Product

Dashboard

Update Product

ProductID	12
Product_Name	Coffee
Shop_Name	Fresh Deli
Price	600
Discount	15
Stock	65
Information	Essentials
Review	Breakfast
Category	Delicateseen
Allergy_Info	Essential
<input type="button" value="Choose File"/> No file chosen	
<input type="button" value="Update"/> <input type="button" value="Back to read products"/>	

Trader will be able to update his/her products by filling the form shown above.

Dashboard

Create New Product

Read Products

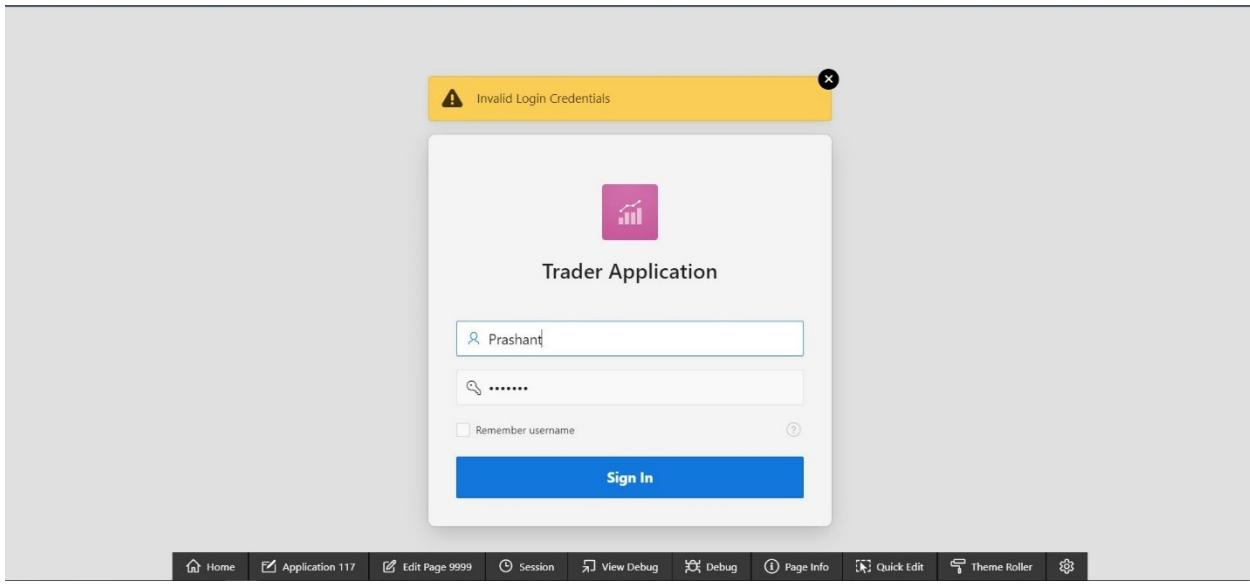
ID	Name	shop Name	Price	stock	Category	Information	ALLERGY IFO	image	Action
12	Coffee	Fresh Deli	12	65	Delicateseen	Essentials	Essential		<input type="button" value="Edit"/> <input type="button" value="Delete"/>
13	Fine Green Tea	Fresh Deli	600	55	Delicateseen	Essentials	Delicateseen		<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Product will be shown in the product list page after it is updated by the trader.

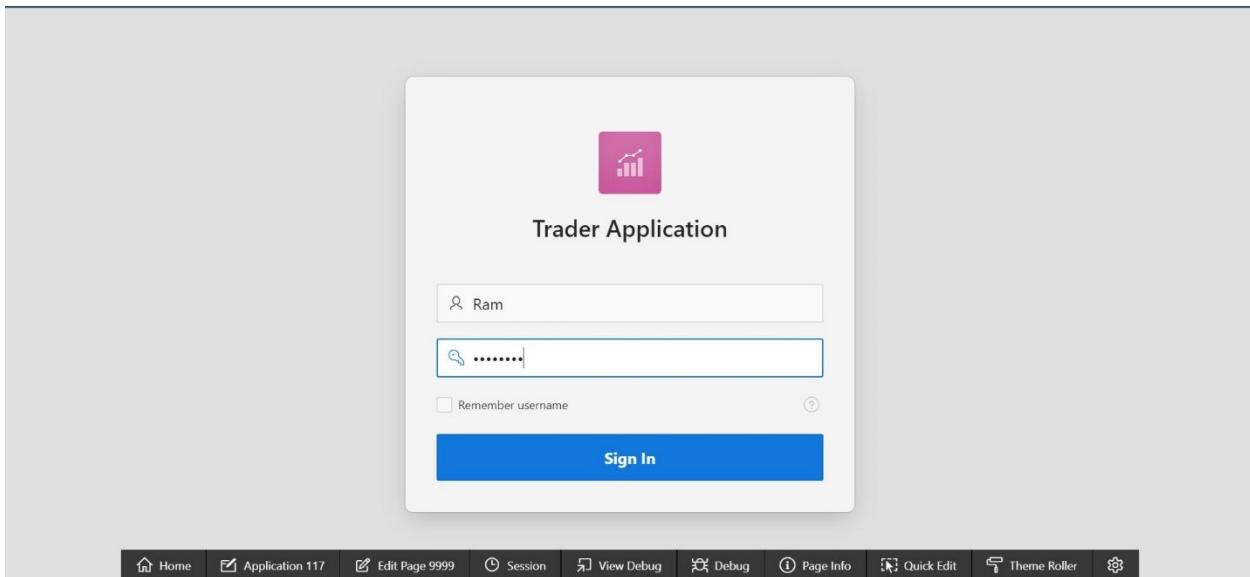
TRADER ORACLE

Login

- Invalid Login Credentials block user access



- Valid Login Credentials Allow Access to the Users



[View Dashboard](#)

- Products having highest demand (i.e. max no. of sales)
- Very effective to figure out the gist of ecommerce site

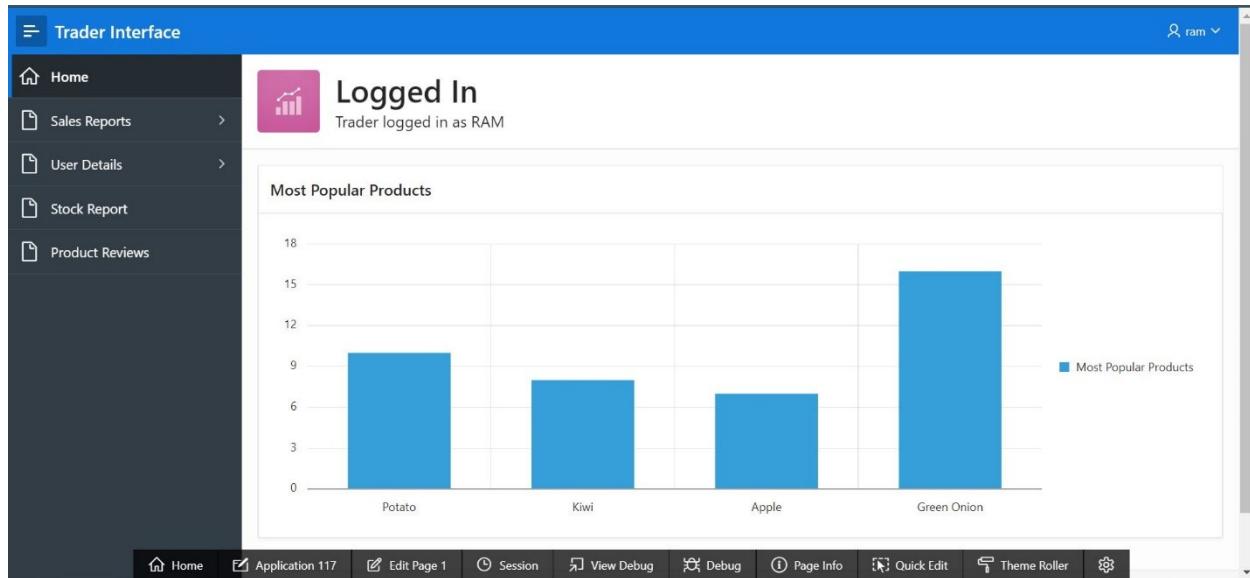


Fig: Trader Ram's Dashboard showing products having highest demand (i.e. max no. of sales)



Fig: Trader Shyam's Dashboard showing products having highest demand (i.e. max no. of sales)

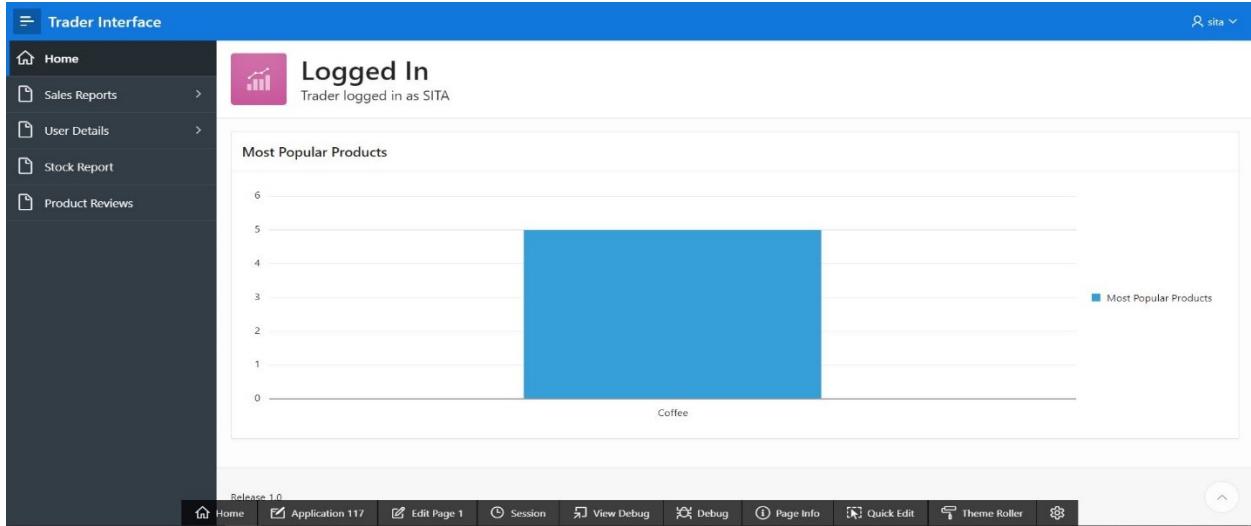


Fig: Trader Sita's Dashboard showing products having highest demand (i.e. max no. of sales)

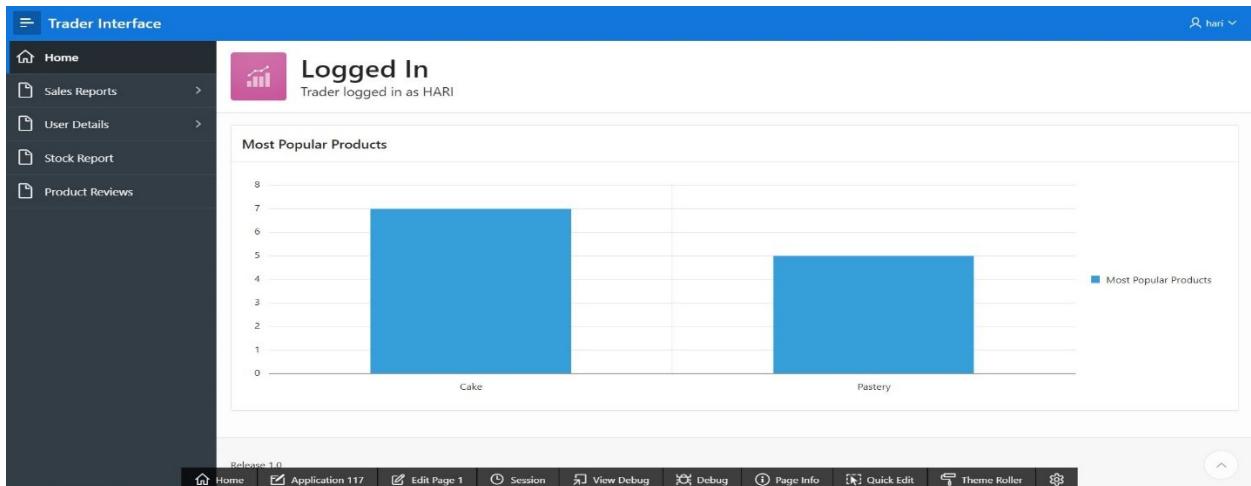


Fig: Fig: Trader Hari's Dashboard showing products having highest demand (i.e. max no. of sales)

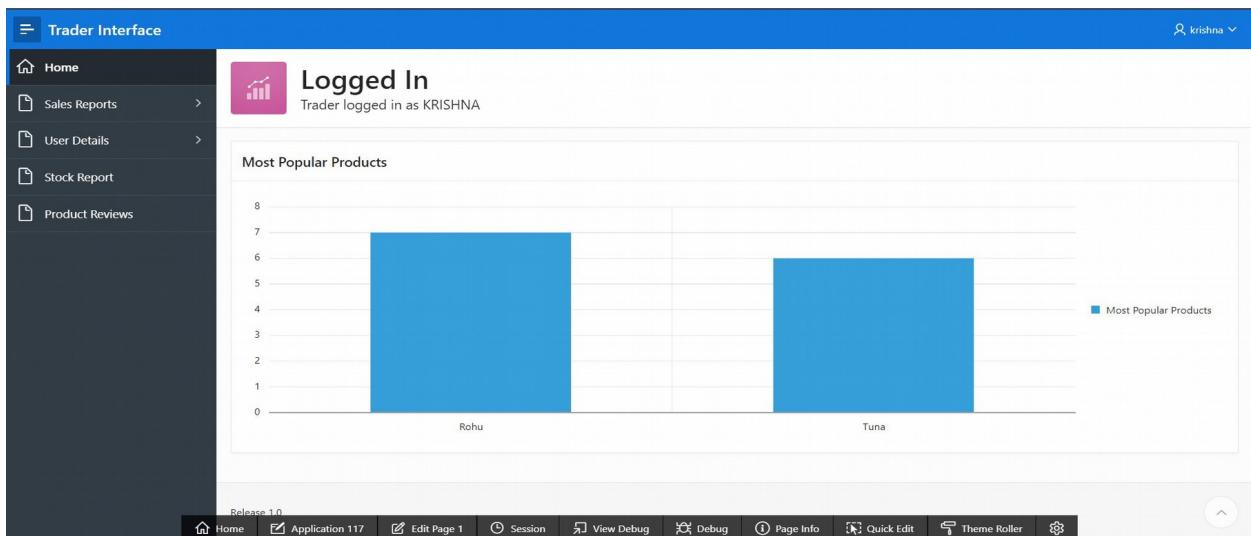


Fig: Trader Krishna's Dashboard showing products having highest demand (i.e. max no. of sales)

View Profile

User Id	Address	Name	Email	Role	Gender	Contact No	Image	Password
6	Cleckhuddersfax	Ram	adhikariram641@gmail.com	Trader	Male	45674534	/images/person_6.jpg	password

Download

1 - 1

Update Your Details

- Interactive form allows traders to manage their profiles

	User Id	Name	Email	Contact No	Address	Gender	Image	Role	Password	Vkey
<input checked="" type="checkbox"/>	6	Ram	adhikariram...	45674534	Cleckhudd...	Male	/images/p...	Trader	password	-

1 rows selected

Total 1

- Buttons used for CRUD have been highlighted in the following to further demonstrate how CRUD can be implemented in the report
- Searching can be done before performing CRUD, too.

Updating Your Profile Details

User Id	Name	Email	Contact No	Address	Gender	Image	Role	Password	Vkey
6	Ram	adhikariram...	45674534	Cleckhudde...	Male	/images/p...	Trader	password	-

Total 1

Actions: Edit, Save, Add Row

View Sales Reports

- A Detailed Monthly/Weekly/Daily Sales Report generated using interactive report.
- Sorting(Ascending/Descending) and Searching feature is available.
- Total Amount/ No. of Items/Due Amount of the sales are included in the report.
- Products Details, Shop Details, Traders and Customers' are visible in the report.

View Monthly Sales Report

Product Name, Shop Name, Product Id, Order Id, Category, Price, Discount, Total Orders, Amount, Order Time, Collection Slot, Payment Status, Deliver Status, Collection Time

Green Onion	Fresh Mart	1	1	Vegetable	£5	£2	10	£30	5/20/2020	Wednesday-2020-05-26	Y	Y	10-13
Potato	Fresh Mart	2	2	Vegetable	£6	£2	9	£36	5/31/2020	Wednesday-2020-06-03	Y	Y	13-16
Apple	Fresh Mart	5	5	Fruits	£5	£1	6	£24	5/31/2020	Wednesday-2020-06-03	Y	Y	13-16
Green Onion	Fresh Mart	1	6	Vegetable	£5	£2	6	£18	6/12/2020	Wednesday-2020-06-17	Y	Y	13-16
Apple	Fresh Mart	5	10	Fruits	£5	£1	1	£4	6/4/2020	Thursday-2020-06-11	Y	Y	16-19

Total monthly amount £ 112

Total Items Sold (Monthly) 32

Total Due Amount £ 52

Sorting Reports

Interactive Report Allows Ascending/Descending order, Alphabetical and many other sort features.

The screenshot shows a web-based application titled "Trader Interface". On the left, there's a sidebar with navigation links: Home, Sales Reports (Monthly Sales, Weekly Sales, Daily Sales), User Details, Stock Report, Product Reviews, and View Shops and Products. The main content area displays a table of sales data. The table has columns: Product Name, Shop Name, Product Id, Order Id, Category, Price, Discount, Total Orders, Amount, Order Time, Collection Slot, Payment Status, Deliver Status, and Collection Time. A search bar at the top of the table allows filtering by "Shop Name". A modal window is open over the table, showing a dropdown menu with sorting options: "Up", "Down", "Reset", and "Sort". The table data includes entries for Green Onion, Potato, Apple, and other items from Fresh Mart. At the bottom of the table, there's a note "Total monthly amount £". The footer of the page includes standard navigation links like Home, Application 117, Edit Page 7, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a Release 1.0 link.

Product Name	Shop Name	Product Id	Order Id	Category	Price	Discount	Total Orders	Amount	Order Time	Collection Slot	Payment Status	Deliver Status	Collection Time	
Green Onion	Up	Down	Reset	Sort	Vegetable	£5	£2	10	£30	5/20/2020	Wednesday-2020-05-26	Y	Y	10-13
Potato	Filter...			Vegetable	£6	£2	9	£36	5/31/2020	Wednesday-2020-06-03	Y	Y	13-16	
Apple	Fresh Mart	5	5	Fruits	£5	£1	6	£24	5/31/2020	Wednesday-2020-06-03	Y	Y	13-16	
Green Onion	Fresh Mart	1	6	Vegetable	£5	£2	6	£18	6/12/2020	Wednesday-2020-06-17	Y	Y	13-16	
Apple	Fresh Mart	5	10	Fruits	£5	£1	1	£4	6/4/2020	Thursday-2020-06-11	Y	Y	16-19	
Potato	Fresh Mart	2	18	Vegetable	£6	£2	3	£12	6/13/2020	Wednesday-2020-06-17	Y	Y	13-16	

View Weekly Sales Report

The screenshot shows the same "Trader Interface" application. The sidebar and table structure are identical to the previous screenshot. However, the main content area now displays summary statistics for the week. It includes three text boxes: "Total Items Sold (Weekly)" showing the value "6", "Total Weekly Amount £" showing "£18", and "Total Weekly Due Amount £" showing "£52". The footer of the page includes standard navigation links like Home, Application 117, Edit Page 9, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a Release 1.0 link.

Total monthly amount £

Total Items Sold (Weekly)

6

Total Weekly Amount £

£18

Total Weekly Due Amount £

£52

View Daily Sales Report

The screenshot shows the 'Trader Interface' application. The left sidebar has a dark theme with navigation items: Home, Sales Reports (selected), Monthly Sales, Weekly Sales, Daily Sales, User Details, Stock Report, and Product Reviews. The main content area has a light blue header with search and actions buttons. Below is a table with columns: Product Name, Shop Name, Product Id, Order Id, Category, Price, Discount, Total Orders, Amount, Order Time, Collection Slot, Collection Day, Payment Status, and Deliver Status. A single row is shown: Potato, Fresh Mart, 2, 18, Vegetable, £6, £2, 3, £12, 6/13/2020, Wednesday-2020-06-17, 13-16, Y, Y. Below the table are summary boxes for Total Items Sold (Daily) (3), Total Amount £ (£12), and Total Daily Due Amount £ (£). At the bottom, there's a toolbar with Release 1.0 and various developer tools like Application 117, Edit Page 10, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

View Product Reviews

- Reviews given by customers on the products of the logged in trader can be viewed in this report

The screenshot shows the 'Trader Interface' application. The left sidebar has a dark theme with navigation items: Home, Sales Reports, User Details (selected), Updating Your Profile Details, Stock Report, and Product Reviews. The main content area has a light blue header with search and actions buttons. Below is a table with columns: Product Name, Review, Category, Price, and Discount. Four rows are listed: Green Onion (Review: I recommend, Category: Vegetable, Price: £5, Discount: £2), Potato (Review: It is good, Category: Vegetable, Price: £6, Discount: £2), Kiwi (Review: Very Tasty, Category: Fruits, Price: £10, Discount: £4), and Apple (Review: Apple a day keeps the doctor away, Category: Fruits, Price: £5, Discount: £1). At the bottom, there's a toolbar with Release 1.0 and various developer tools like Application 117, Edit Page 3, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

View Shops and Products

- This report allows the logged in trader to identify their products based on their shops.

The screenshot shows a web application interface titled "Trader Interface". On the left, there is a sidebar with navigation links: Home, Sales Reports, User Details, Stock Report, Product Reviews, and View Shops and Products. The "View Shops and Products" link is highlighted with a blue border. The main content area has a search bar with a dropdown menu and a "Go" button. Below the search bar is a table with two columns: "Shop Name" and "Product Name". The table contains four rows, each representing a product from "Fresh Mart": Green Onion, Potato, Kiwi, and Apple. At the bottom right of the table, there is a page number "1 - 4". The footer of the page includes a "Release 1.0" message and various navigation links: Home, Application 117, Edit Page 4, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

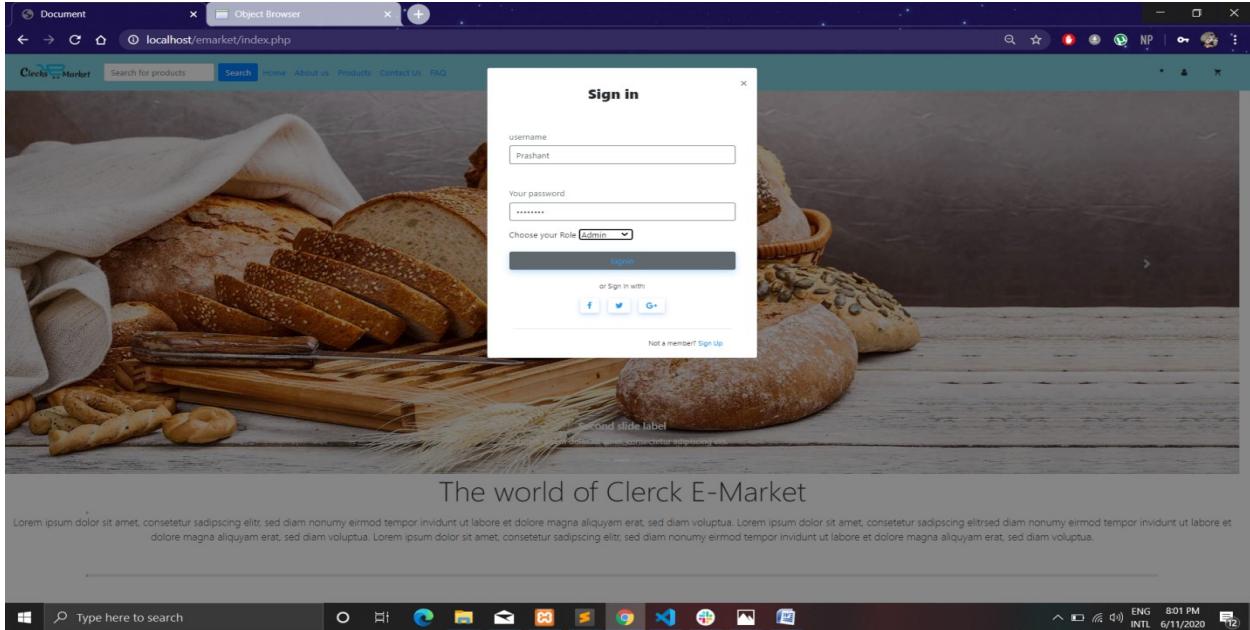
View Stocks

- Stock report of the logged in traders

The screenshot shows the same "Trader Interface" application. The sidebar navigation is identical to the previous screenshot. The main content area now displays a "Stock Report" title above a pie chart. The pie chart is divided into four equal quadrants, each representing a different product: Green Onion (top-left), Potato (top-right), Apple (bottom-left), and Kiwi (bottom-right). The footer of the page includes a "Release 1.0" message and various navigation links: Home, Application 117, Edit Page 26, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

ADMIN INTERFACE:

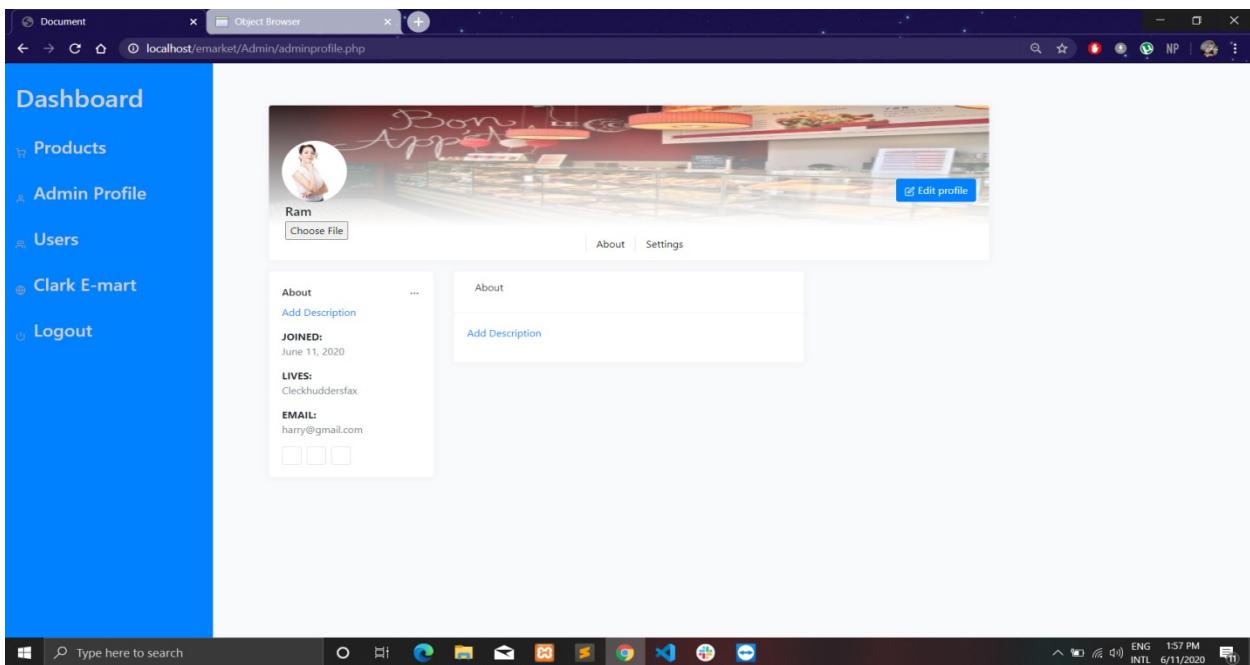
- **Login**



The world of Clerck E-Market

Admin can login via Cleck's Emarket login page with their own credentials.

- **Admin Dashboard**



Admin will be redirected to their dashboard after login. Admin dashboard consists of facilities like view products, add/delete users, admin profile where they can edit their profile details, link to home page and a logout button.

- **Manage Users**

The screenshot shows a web application interface for managing users. On the left, a sidebar menu includes 'Dashboard', 'Products', 'Admin Profile', 'Users', 'Clark E-mart', and 'Logout'. The main content area is titled 'Read users' and contains a table with 10 rows of user data. Each row includes a 'Create New users' button, an 'Action' column with 'update' and 'Delete' buttons, and a small profile picture.

USERID	NAME	EMAIL	CONTACT_NO	ADDRESS	GENDER	ROLE	password	IMAGE	Action
41	kunal shah	minutu983289@gmail.com	9867756377	annanagar	Male	Customer	kunal	No image found.	<button>update</button> <button>Delete</button>
66	mohit shah	omanmohit690358@gmail.com	9867756377	annanagar	male	customer	123456		<button>update</button> <button>Delete</button>
1	emily	omanmohit690358@gmail.com	4785595	annanagar	Female	Customer	password		<button>update</button> <button>Delete</button>
2	Emma	emma@gmail.com	4788895	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
3	Johnny	johnny@gmail.com	4785595	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
4	Derick	derrick@gmail.com	49876978	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
5	jane	jane@gmail.com	465463433	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
6	Ram	harry@gmail.com	45674534	Cleckhuddersfax	Male	Admin	password		<button>update</button> <button>Delete</button>
7	Shyam	john@gmail.com	4785595	Cleckhuddersfax	Male	Trader	password		<button>update</button> <button>Delete</button>
8	Hari	kate@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>
9	Krishna	rita@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>

Admin can manage traders via 'Users' page. They will be able to view details of all the users as well as delete them and add new ones.

- **Add Users**

The screenshot shows a 'Create users' page. The sidebar menu is identical to the previous one. The main content area is titled 'Create users' and displays a success message 'Record was saved.' above a form. The form fields include NAME (mohit@gmail.com), EMAIL (mohit@gmail.com), CONTACT_NO, ADDRESS, GENDER (Click To Select), ROLE (Click To Select), password (*****), and IMAGE (Choose File). At the bottom are 'Submit' and 'Back to read users' buttons.

Admin will be able to add customer directly by filling this form. After submitting the account details for the user, a ‘Record was saved’ message will be displayed.

- **Delete Users**

Record was deleted.

USERID	NAME	EMAIL	CONTACT_NO	ADDRESS	GENDER	ROLE	password	IMAGE	Action
41	kunal shah	minitu983289@gmail.com	9867756377	annanagar	Male	Customer	kunal	No image found.	<button>update</button> <button>Delete</button>
4	emily	omanmohit690358@gmail.com	4785595	annanagar	Female	Customer	password		<button>update</button> <button>Delete</button>
2	Emma	emma@gmail.com	4788895	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
3	Johnny	johnny@gmail.com	4785595	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
4	Derrick	derrick@gmail.com	49876978	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
5	jane	jane@gmail.com	465463433	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
6	Ram	harry@gmail.com	45674534	Cleckhuddersfax	Male	Admin	password		<button>update</button> <button>Delete</button>
7	Shyam	john@gmail.com	4785595	Cleckhuddersfax	Male	Trader	password		<button>update</button> <button>Delete</button>
8	Hari	kate@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>
9	Krishna	rita@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>

Admin will be able to delete user directly by clicking on the delete button. After, a ‘Record was deleted’ message will be displayed.

- **Logout**

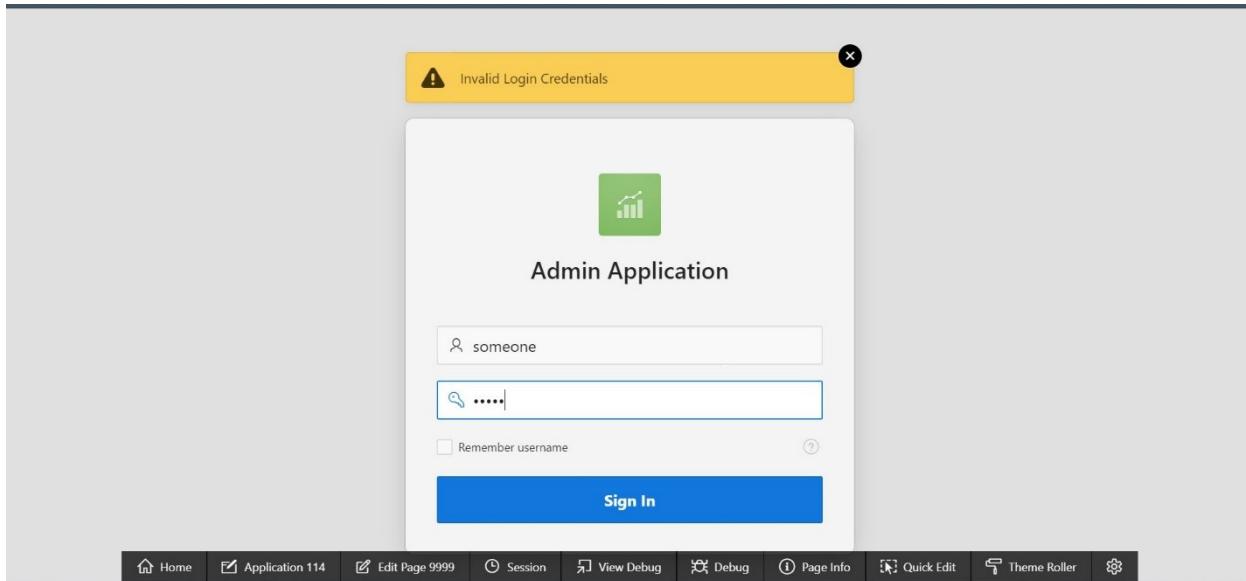
Record was deleted.

USERID	NAME	EMAIL	CONTACT_NO	ADDRESS	GENDER	ROLE	password	IMAGE	Action
41	kunal shah	minitu983289@gmail.com	9867756377	annanagar	Male	Customer	kunal	No image found.	<button>update</button> <button>Delete</button>
66	mohit shah	omanmohit690358@gmail.com	9867756377	annanagar	male	customer	123456		<button>update</button> <button>Delete</button>
1	emily	omanmohit690358@gmail.com	4785595	annanagar	Female	Customer	password		<button>update</button> <button>Delete</button>
2	Emma	emma@gmail.com	4788895	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
3	Johnny	johnny@gmail.com	4785595	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
4	Derrick	derrick@gmail.com	49876978	Cleckhuddersfax	Male	Customer	password		<button>update</button> <button>Delete</button>
5	jane	jane@gmail.com	465463433	Cleckhuddersfax	Female	Customer	password		<button>update</button> <button>Delete</button>
6	Ram	harry@gmail.com	45674534	Cleckhuddersfax	Male	Admin	password		<button>update</button> <button>Delete</button>
7	Shyam	john@gmail.com	4785595	Cleckhuddersfax	Male	Trader	password		<button>update</button> <button>Delete</button>
8	Hari	kate@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>
9	Krishna	rita@gmail.com	45674534	Cleckhuddersfax	Female	Trader	password		<button>update</button> <button>Delete</button>

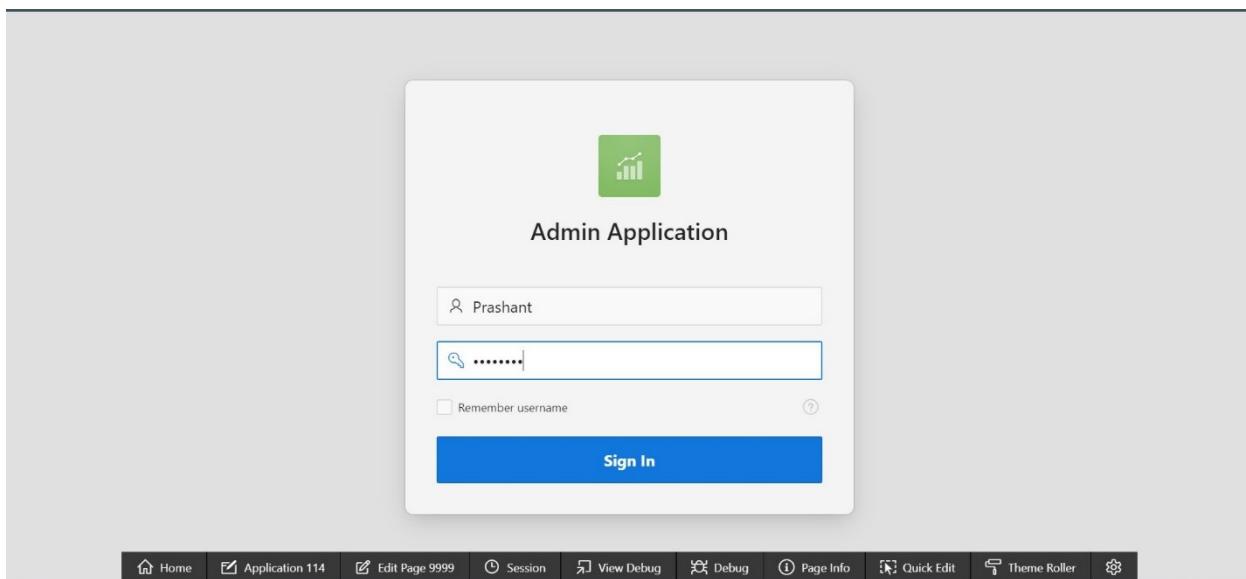
Admin can logout by clicking on the logout link in the sidebar as shown above.

ADMIN ORACLE: LOGIN Testing

- Invalid Login Credentials block user access



- Valid Login Credentials Allow Access to the Users



View Dashboard

- Products having highest demand (i.e. max no. of sales)
- Very effective to figure out the gist of ecommerce site

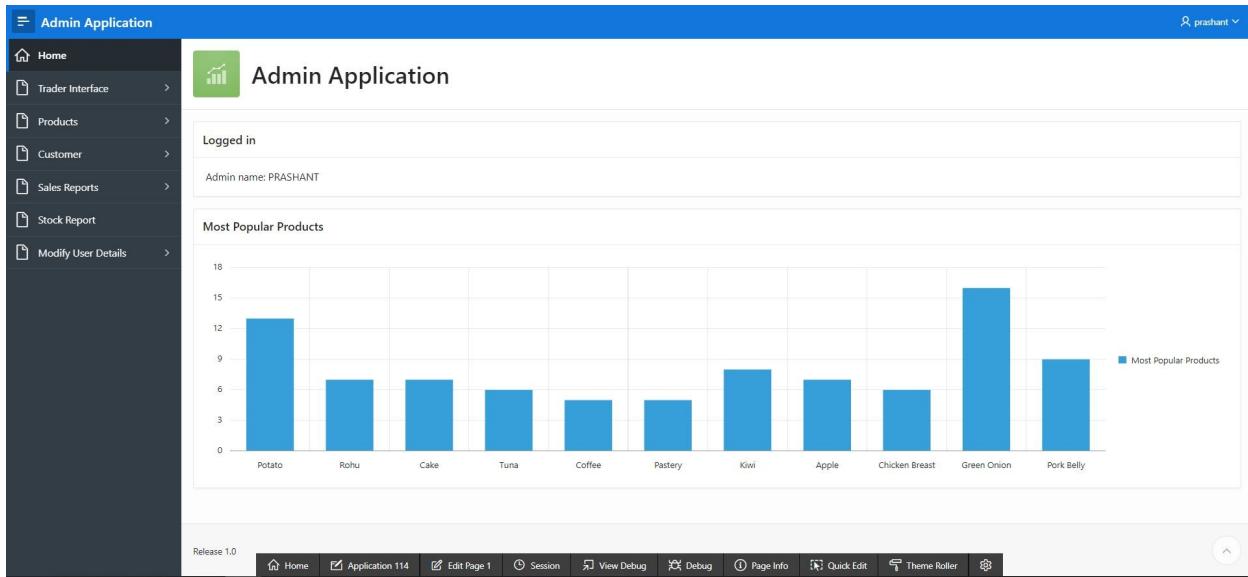


Fig: Admin's Dashboard showing products having highest demand (i.e. max no. of sales). Aggregation of all traders most popular products is provided to the Admin.

View Sales Report

- A Detailed Monthly/Weekly/Daily Sales Report generated using interactive report.
- Sorting(Ascending/Descending) and Searching feature is available.
- Total Amount/ No. of Items/Due Amount of the sales are included in the report.
- Products Details, Shop Details, Traders and Customers' are visible in the report.

View Monthly Sales Report

Admin Application

Home Go Actions ▾

Product Name	Shop Name	Product Id	Order Id	Category	Price	Discount	Total Orders	Amount	Order Time	Collection Slot	Payment Status	Deliver Status	Collection Time
Green Onion	Fresh Mart	1	1	Vegetable	£5	£2	10	£50	6/20/2020	Wednesday-2020-06-26	Y	Y	10-13
Pork Belly	Fresh Mart	2	2	Vegetable	£8	£2	9	£36	6/3/2020	Wednesday-2020-06-03	Y	Y	13-16
Apple	Fresh Mart	3	3	Meat	£10	£3	8	£56	6/2/2020	Thursday-2020-06-04	Y	Y	16-19
Green Onion	Fresh Mart	4	4	Fruits	£5	£1	6	£24	5/31/2020	Wednesday-2020-06-03	Y	Y	13-16
Pork Belly	Fresh Mart	5	5	Meat	£5	£2	6	£18	6/12/2020	Wednesday-2020-06-17	Y	Y	13-16
Apple	Fresh Mart	6	6	Fruits	£5	£1	1	£7	6/10/2020	Wednesday-2020-06-17	Y	Y	10-13
Chicken Breast	Fresh Mart	7	7	Meat	£15	£2	6	£78	6/5/2020	Thursday-2020-06-11	Y	Y	10-13
Cake	Fresh Bakery	8	8	Bakery	£22	£2	7	£140	6/5/2020	Thursday-2020-06-11	Y	Y	13-16
Pastery	Fresh Bakery	9	9	Bakery	£18	£4	5	£80	6/4/2020	Thursday-2020-06-11	Y	Y	16-19
Tuna	Fish Shop	10	10	Fish and Seafood	£24	£1	6	£144	6/5/2020	Thursday-2020-06-11	Y	Y	16-19
Salmon	Fish Shop	11	11	Fish and Seafood	£27	£3	7	£189	6/5/2020	Thursday-2020-06-11	Y	N	13-16
Coffee	Fresh Deli	12	12	Delicassen	£8	£2	5	£40	6/4/2020	Thursday-2020-06-11	Y	Y	10-13

1 - 13

Total Amount of Sales £

£789

Total Items Sold (Monthly)

77

Monthly Due £

£52

View Weekly Sales Report

Admin Application

Home Go Actions ▾

Product Name	Shop Name	Product Id	Order Id	Category	Price	Discount	Total Orders	Amount	Order Time	Collection Slot	Payment Status	Deliver Status	Collection Time
Green Onion	Fresh Mart	1	6	Vegetable	£5	£2	6	£18	6/12/2020	Wednesday-2020-06-17	Y	Y	13-16
Pork Belly	Fresh Meat	3	8	Meat	£10	£3	1	£7	6/10/2020	Wednesday-2020-06-17	Y	Y	10-13

1 - 2

Total Items Sold (Weekly)

7

Total monthly amount £

£789

Weekly Due £

£52

[Home](#) [Application 114](#) [Edit Page 18](#) [Session](#) [View Debug](#) [Debug](#) [Page Info](#) [Quick Edit](#) [Theme Roller](#) [Settings](#)

View Daily Sales Report

Admin Application

prashant ▾

Home Trader Interface Products Customer Sales Reports Stock Report

Sales Reports

Monthly Sales Weekly Sales Daily Sales

Total Amount of Sales £

£18

Total Items Sold (Daily)

6

Today's Due £

£

Release 1.0 Home Application 114 Edit Page 19 Session View Debug Debug Page Info Quick Edit Theme Roller ⚙

View Customer Details

Admin Application

prashant ▾

Home Trader Interface Products Customer Customer Details Sales Reports Stock Report

Customer Details

User Id	Name	Email	Contact No	Address	Gender	Image	Role	Password	Vkey
1	Lakash	lakashmahrjan@gmail.com	4785595	Cleckhuddersfax	Female	/images/person_6.jpg	Customer	password	-
2	Emma	emma@gmail.com	4788895	Cleckhuddersfax	Female	/images/person_6.jpg	Customer	password	-
3	Johnny	johnny@gmail.com	4785595	Cleckhuddersfax	Male	/images/person_6.jpg	Customer	password	-
4	Derrick	derrick@gmail.com	49876978	Cleckhuddersfax	Male	/images/person_6.jpg	Customer	password	-
5	jane	jane@gmail.com	465463433	Cleckhuddersfax	Female	/images/person_6.jpg	Customer	password	-

1 - 5

Customer Count

5

Release 1.0 Home Application 114 Edit Page 11 Session View Debug Debug Page Info Quick Edit Theme Roller ⚙

Edit Customers

- Interactive form allows traders to manage customers' profiles

Edit Traders

- Interactive form allows admin to manage traders' profiles

View Product Details

Admin Application

prashant

Home

Trader Interface

Products

Product Details

Customer

Sales Reports

Stock Report

Product Details

Search: All Text Columns Go Actions

Product Id	Product Name	Price	Discount	Total Amount	Category	Allergy Info	Review	Shop Name	Information	Stock Qty
1	Green Onion	£5	£2	£3	Vegetable	Some Groups all...	I recommend	Fresh Mart	Very Fresh and g...	20
2	Potato	£6	£2	£4	Vegetable	Rhinitis to some ...	It is good	Fresh Mart	Very Fresh calori...	19
3	Pork Belly	£10	£3	£7	Meat	People Allergic t...	Fresh and hygie...	Fresh Meat	High Quality and...	19
4	Kiwi	£10	£4	£6	Fruits	Mild prickly sym...	Very Tasty	Fresh Mart	This fruit is very ...	20
5	Apple	£5	£1	£4	Fruits	Sensitive groups...	Apple a day kee...	Fresh Mart	Rich in vitamin a...	19
6	Chicken Breast	£15	£2	£13	Meat	Good for meat l...	Protein Diet	Fresh Meat	You can make va...	20
7	Cake	£22	£2	£20	Bakery	Good for bakery...	Sweet	Fresh Bakery	Always needed f...	19
9	Pastery	£16	£4	£12	Bakery	Good for bakery...	Protein Diet	Fresh Bakery	This diet is perfe...	20
10	Tuna	£24	£1	£23	Fish and Seafood	Good source of ...	Protein Suppl...	Fish Shop	A highly nutritio...	20
11	Rohu	£27	£3	£24	Fish and Seafood	Good source of ...	Protein Suppl...	Fish Shop	A highly nutritio...	20
12	Coffee	£8	£2	£6	Delicatessen	Essential	Breakfast	Fresh Deli	For every morn...	2
13	Fine Green Tea	£23	£5	£18	Delicatessen	Delicatessen	Always good for...	Fresh Deli	Essentials	20

1 rows selected Total 12

Relay Home Application 114 Edit Page 9 Session View Debug Debug Page Info Quick Edit Theme Roller

Sorting Reports

Admin Application

prashant

Home

Trader Interface

Products

Product Details

Customer

Sales Reports

Stock Report

Modify User Details

Product Details

Search: All Text Columns Go Actions

Product Id	Product Name	Price	Discount	Total Amount	Category	Allergy Info	Review	Shop Name	Information	Stock Qty
5	Apple	£5	£4	£4	Fruits	Sensitive gro...	Apple a day k...	Fresh Mart	Rich in vitami...	20
7	Cake	£22	£2	£20	Bakery	Good for bak...	Sweet	Fresh Bakery	Always neede...	20
6	Pork Belly	£10	£3	£7	Meat	Good for me...	Protein Diet	Fresh Meat	You can make...	20
12	Apple	£5	£6	£6	Delicatessen	Essential	Breakfast	Fresh Deli	For every mor...	20
13	Cake	£23	£18	£18	Delicatessen	Delicatessen	Always good ...	Fresh Deli	Essentials	20
1	Chicken Breast	£15	£3	£12	Vegetable	Some Groups...	I recommend	Fresh Mart	Very Fresh an...	20
4	Coffee	£8	£6	£6	Fruits	Mild prickly s...	Very Tasty	Fresh Mart	This fruit is ve...	20
9	Fine Green Tea	£23	£18	£12	Bakery	Good for bak...	Protein Diet	Fresh Bakery	A highly nutriti...	20
3	Pork Belly	£10	£3	£7	Meat	People Allerg...	Fresh and hy...	Fresh Meat	High Qualty a...	20
2	Potato	£6	£2	£4	Vegetable	Rhinitis to so...	It is good	Fresh Mart	Very Fresh cal...	20
11	Rohu	£27	£3	£24	Fish and Seaf...	Good source ...	Protein Suppl...	Fish Shop	A highly nutriti...	20
10	Tuna	£24	£1	£23	Fish and Seaf...	Good source ...	Protein Suppl...	Fish Shop	A highly nutriti...	20

1 rows selected Total 12

Relay Home Application 114 Edit Page 9 Session View Debug Debug Page Info Quick Edit Theme Roller

View Traders and Shops

- Traders with their corresponding shops are visible

The screenshot shows the Admin Application interface. On the left, there is a dark sidebar with a navigation menu. The menu items include Home, Trader Interface (which is currently selected), Products, Customer, Sales Reports, and Stock Report. Under the Trader Interface, there are sub-options: Trader Details, Traders and Shops, and Shops and Products. The main content area displays a table with columns: Name, Role, Shop Name, and Shop Type. The data in the table is as follows:

Name	Role	Shop Name	Shop Type
Ram	Trader	Fresh Mart	Vegetables and Fruits
Shyam	Trader	Fresh Meat	Meat Products
Hari	Trader	Fresh Bakery	Bakery items
Krishna	Trader	Fish Shop	Fish and Seafood
Sita	Trader	Fresh Deli	Delicatessen

At the bottom of the screen, there is a footer bar with various icons and links: Release 1.0, Home, Application 114, Edit Page 4, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

View Shops and Products

- Shop and the corresponding products

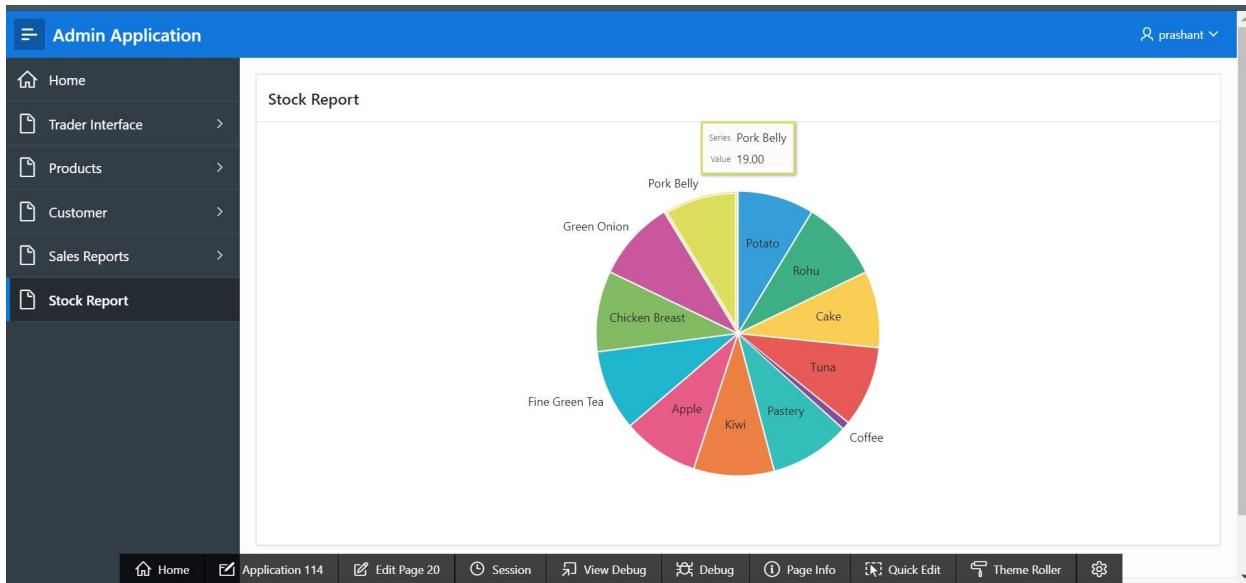
The screenshot shows the Admin Application interface. The sidebar and menu structure are identical to the previous screenshot. The main content area displays a table with columns: Shop Name, Shop Type, Product Name, and Product Category. The data in the table is as follows:

Shop Name	Shop Type	Product Name	Product Category
Fish Shop	Fish and Seafood	Tuna	Fish and Seafood
Fish Shop	Fish and Seafood	Rohu	Fish and Seafood
Fresh Bakery	Bakery items	Pastery	Bakery
Fresh Bakery	Bakery items	Cake	Bakery
Fresh Deli	Delicatessen	Coffee	Delicatessen
Fresh Deli	Delicatessen	Fine Green Tea	Delicatessen
Fresh Mart	Vegetables and Fruits	Kiwi	Fruits
Fresh Mart	Vegetables and Fruits	Green Onion	Vegetable
Fresh Mart	Vegetables and Fruits	Potato	Vegetable
Fresh Mart	Vegetables and Fruits	Apple	Fruits
Fresh Meat	Meat Products	Pork Belly	Meat
Fresh Meat	Meat Products	Chicken Breast	Meat

At the bottom of the screen, there is a footer bar with various icons and links: Release 1.0, Home, Application 114, Edit Page 5, Session, View Debug, Debug, Page Info, Quick Edit, Theme Roller, and a gear icon.

View Stocks

- Stock reports of all traders can be viewed by Admin



3.5 Oracle Tables

User Table

```

CREATE TABLE "USER1"
(
    "USER_ID" NUMBER(*,0) NOT NULL ENABLE,
    "NAME" VARCHAR2(50),
    "EMAIL" VARCHAR2(50),
    "CONTACT_NO" NUMBER(*,0),
    "ADDRESS" VARCHAR2(50),
    "GENDER" VARCHAR2(50),
    "IMAGE" VARCHAR2(4000),
    "ROLE" VARCHAR2(50),
    "PASSWORD" VARCHAR2(50),
    "VKEY" VARCHAR2(60),
    "ABOUT" VARCHAR2(200),
    CONSTRAINT "USER1" PRIMARY KEY ("USER_ID") ENABLE
)
/

```

USER1

USER1					
Table	Data	Indexes	Model	Constraints	Grants
	Add Column	Modify Column	Rename Column	Drop Column	Rename
Column Name	Data Type	Nullable	Default	Primary Key	
USER_ID	NUMBER	No	-	1	
NAME	VARCHAR2(50)	Yes	-	-	
EMAIL	VARCHAR2(50)	Yes	-	-	
CONTACT_NO	NUMBER	Yes	-	-	
ADDRESS	VARCHAR2(50)	Yes	-	-	
GENDER	VARCHAR2(50)	Yes	-	-	
IMAGE	VARCHAR2(4000)	Yes	-	-	
ROLE	VARCHAR2(50)	Yes	-	-	
PASSWORD	VARCHAR2(50)	Yes	-	-	
VKEY	VARCHAR2(60)	Yes	-	-	
ABOUT	VARCHAR2(200)	Yes	-	-	

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Application Express 19.2.0.0.18

Product Table

```

CREATE TABLE "PRODUCT"
(
    "PRODUCT_ID" NUMBER(*,0) NOT NULL ENABLE,
    "PRODUCT_NAME" VARCHAR2(50),
    "SHOP_NAME" VARCHAR2(50) NOT NULL ENABLE,
    "PRICE" NUMBER(*,0),
    "DISCOUNT_ID" NUMBER(*,0),
    "STOCK" NUMBER(*,0),
    "INFORMATION" VARCHAR2(100),
    "REVIEW" VARCHAR2(100),
    "CATEGORY" VARCHAR2(200),
    "ALLERGY_INFO" VARCHAR2(50),
    "IMAGE" VARCHAR2(200),
    "ENTERED_BY" VARCHAR2(100),
    CONSTRAINT "PRODUCT" PRIMARY KEY ("PRODUCT_ID") ENABLE
)
/
ALTER TABLE "PRODUCT" ADD FOREIGN KEY ("SHOP_NAME")
    REFERENCES "SHOP" ("SHOP_NAME") ENABLE
/

```

PRODUCT				
Table	Data	Indexes	Model	Constraints
Add Column	Modify Column	Rename Column	Drop Column	Rename
Column Name	Data Type	Nullable	Default	Primary Key
PRODUCT_ID	NUMBER	No	-	1
PRODUCT_NAME	VARCHAR2(50)	Yes	-	-
SHOP_NAME	VARCHAR2(50)	No	-	-
PRICE	NUMBER	Yes	-	-
DISCOUNT_ID	NUMBER	Yes	-	-
STOCK	NUMBER	Yes	-	-
INFORMATION	VARCHAR2(100)	Yes	-	-
REVIEW	VARCHAR2(100)	Yes	-	-
CATEGORY	VARCHAR2(200)	Yes	-	-
ALLERGY_INFO	VARCHAR2(50)	Yes	-	-
IMAGE	VARCHAR2(200)	Yes	-	-
ENTERED_BY	VARCHAR2(100)	Yes	-	-
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Application Express 19.2.0.0.18

Shop Table

```

CREATE TABLE "SHOP"
(
    "SHOP_ID" NUMBER(*,0) NOT NULL ENABLE,
    "SHOP_NAME" VARCHAR2(50),
    "SHOP_TYPE" VARCHAR2(50),
    "USER_ID" NUMBER(*,0) NOT NULL ENABLE,
    CONSTRAINT "SHOP" PRIMARY KEY ("SHOP_NAME") ENABLE
)
/
ALTER TABLE "SHOP" ADD FOREIGN KEY ("USER_ID")
    REFERENCES "USER1" ("USER_ID") ENABLE
/

```

SHOP											+ ▾	
Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries
	Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App		
Column Name			Data Type			Nullable		Default		Primary Key		
SHOP_NAME			VARCHAR2(50)			No		-		1		
SHOP_ID			NUMBER			No		-		-		
SHOP_TYPE			VARCHAR2(50)			Yes		-		-		
USER_ID			NUMBER			No		-		-		
Download												

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Application Express 19.2.0.0.18

Cart Table

```

CREATE TABLE "CART"
(
    "CART_ID" NUMBER(*,0) NOT NULL ENABLE,
    "USER_ID" NUMBER(*,0) NOT NULL ENABLE,
    "PRODUCT_ID" NUMBER(*,0) NOT NULL ENABLE,
    "QTY" NUMBER(*,0) NOT NULL ENABLE,
    CONSTRAINT "CART" PRIMARY KEY ("CART_ID") ENABLE
)
/
ALTER TABLE "CART" ADD FOREIGN KEY ("USER_ID")
    REFERENCES "USER1" ("USER_ID") ENABLE
/
ALTER TABLE "CART" ADD FOREIGN KEY ("PRODUCT_ID")
    REFERENCES "PRODUCT" ("PRODUCT_ID") ENABLE
/

```

CART

Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries
	Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App		
Column Name	Data Type		Nullable		Default		Primary Key					
CART_ID	NUMBER		No		-		1					
USER_ID	NUMBER		No		-		-					
PRODUCT_ID	NUMBER		No		-		-					
QTY	NUMBER		No		-		-					

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Application Express 19.2.0.0.018

Order Table

```

CREATE TABLE "ORDER1"
(
    "ORDER_ID" NUMBER(*,0) NOT NULL ENABLE,
    "TOTAL_ORDERS" NUMBER(*,0) NOT NULL ENABLE,
    "PRODUCT_ID" NUMBER(*,0) NOT NULL ENABLE,
    "PAYMENT_STATUS" VARCHAR2(10),
    "ORDER_TIME" DATE,
    "COLLECTION_SLOT" VARCHAR2(100),
    "COLLECTION_DAY" VARCHAR2(100),
    "DELIVER_STATUS" VARCHAR2(10),
    CONSTRAINT "ORDER1" PRIMARY KEY ("ORDER_ID") ENABLE
)
/
ALTER TABLE "ORDER1" ADD FOREIGN KEY ("PRODUCT_ID")
    REFERENCES "PRODUCT" ("PRODUCT_ID") ENABLE
/

```

ORDER1

+ ▾

Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries
Add Column Modify Column Rename Column Drop Column Rename Copy Drop Truncate Create Lookup Table Create App												
Column Name	Data Type			Nullable	Default			Primary Key				
ORDER_ID		NUMBER		No		-				1		
TOTAL_ORDERS		NUMBER		No		-				-		
PRODUCT_ID		NUMBER		No		-				-		
PAYMENT_STATUS		VARCHAR2(10)		Yes		-				-		
ORDER_TIME		DATE		Yes		-				-		
COLLECTION_SLOT		VARCHAR2(100)		Yes		-				-		
COLLECTION_DAY		VARCHAR2(100)		Yes		-				-		
DELIVER_STATUS		VARCHAR2(10)		Yes		-				-		

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Application Express 19.2.0.0.18

Review Table

```

CREATE TABLE "REVIEW"
(
    "REVIEW_ID" NUMBER NOT NULL ENABLE,
    "REVIEW" VARCHAR2(255),
    "USER_ID" NUMBER(*,0) NOT NULL ENABLE,
    "PRODUCT_ID" NUMBER(*,0) NOT NULL ENABLE,
    CONSTRAINT "REVIEW" PRIMARY KEY ("REVIEW_ID") ENABLE
)
/
ALTER TABLE "REVIEW" ADD FOREIGN KEY ("USER_ID")
    REFERENCES "USER1" ("USER_ID") ENABLE
/
ALTER TABLE "REVIEW" ADD FOREIGN KEY ("PRODUCT_ID")
    REFERENCES "PRODUCT" ("PRODUCT_ID") ENABLE
/

```

REVIEW					
Table	Data	Indexes	Model	Constraints	Grants
Query Count Rows Insert Row					
Data					
EDIT	REVIEW_ID	REVIEW	USER_ID	PRODUCT_ID	
	121	very very fresh	101	1	
	122	I recommend it very much	2	1	
Download					
row(s) 1 - 2 of 2					

Payment Table

```

CREATE TABLE Payment (
    Payment_ID          INTEGER NOT NULL,
    User_ID              INTEGER NOT NULL REFERENCES User1(User_ID),
    Payment_Time         DATE,
    CONSTRAINT Payment PRIMARY KEY (Payment_ID)
);

```

PAYMENT

Table	Data	Indexes	Model	Constraints	Grants	Statistics	UI Defaults	Triggers	Dependencies	SQL	REST	Sample Queries
	Add Column	Modify Column	Rename Column	Drop Column	Rename	Copy	Drop	Truncate	Create Lookup Table	Create App		
Column Name	Data Type			Nullable			Default			Primary Key		
PAYMENT_ID	NUMBER			No			-			1		
USER_ID	NUMBER			No			-			-		
PAYMENT_TIME	DATE			Yes			-			-		

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Application Express 19.2.0.0.18

THE END