Project Title: Online innovators and business portal

(by SEMESTER – V of III Year M.sc.(CA & IT) 2022-23)

Submitted By:

Mamta Chavda – 3100

Group ID:-54

Name of Company: CREART SOLUTIONS

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This is to certify that below mentioned students of K. S. School of Business Management (CA & IT) College Worked as an intern as part of his/her MSc (CA & IT) course of Gujarat University. The particulars of project Trainee internship details are given below.

Sr .no Full Name	Roll No:
.no	
t Chavda Mamta Maheshbhai	3100

PROJECT TITLE: - "ONLINE INNOVATORS AND BUSINESS PORTAL"



202, Heritage Horizon, Opp. Hotel Dev Corporate, Nr. Unlocked Cafe, Off C.G. Road, Ahmedabad - 380009 +91 99980 25251 | helio@creart.in | www.creart.in



"This is to certify that Mr. /Miss Chavda Mamta Maheshbhai has successfully completed Analysis and Design of the project on ONLINE INNOVATORS AND BUSINESS PORTAL under me. This work is original and has not been submitted elsewhere".

Name: Alkesh Kaba

Designation: Team Leade

Date:

202, Heritage Horizon, Opp. Hotel Dev Corporate, Nr. Unlocked Cafe, O ffC.G. Road, Ahmedabad - 380009 +91 99980 25251 | hello@creart.in | www.creart.in

ACKNOWLEDGEMENT:

I would like to express our thanks to the people who have helped us most throughout our project. We are grateful to our internal guide VAIBHAVI BHARVAD Ma'am for nonstop support for the project. A special thanks of our goes to the CREART Solutions who helped us by providing there support to us. Their continuous help & support made the project much easy. We also express our sincere to all our friends & beneficial who helped us throughout this project.

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CHAPTER-1 INTRODUCTION

1.1 ORGANIZATION PROFILE

CREART SOLUTIONS

Address: 202 Heritage Horizon, opp.dev corporate, C.G.Road, Ahmedabad-380009

Email: hello@creart.in

Contact no: 9016647480

Contact person name: Alkesh Kaba

1.2 SYSTEM DETAILS

1.2.1 EXISTING SYSTEM

In the current landscape, there are various platforms and resources related to setup, share and explore new business ideas: such as Entrepreneur.com. In which Entrepreneurs can present their business ideas and raise funds from a global audience.

- Currently, there's limited platform for sharing and exploring diverse business ideas.
- Aspiring entrepreneurs have limited avenues to share their business concepts and feedback from an audience.
- Existing platforms may lack interactive features like easy idea submission, user engagement, and dynamic searching options.
- The current landscape often lacks collaborative spaces for users to engage in discussions, refine ideas, and collaborate with others.
- Obtaining feedback on business ideas is limited, so there is limited feedback channels.
- The current systems do not offer a comprehensive solution that integrates idea submission, exploration, collaboration, and feedback mechanisms in one platform.

1.2.2 PROPOSED SYSTEM

The proposed system aims to create a user-friendly and interactive online portal that acts as a centralized hub for aspiring entrepreneur. It will allow them to share, explore, collaborate, and refine innovative business ideas.

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- We'll create a single platform where people can share and explore all kinds of business ideas.
- User can easily submit their business ideas and concepts to showcase their creativity.
- The platform will be easy to use and engage with, encouraging users to actively participate and share their thoughts.
- Users will have access to a variety of resources, including different business categories and helpful information for refining their ideas.
- The platform will allow users to collaborate with each other, provide feedback, and improve their business ideas through discussions.
- Users will have mechanisms to give and receive comprehensive feedback, enabling them to iterate and enhance their business concepts.
- The proposed system will provide a complete solutions, combining idea submission, exploration, collaboration, and feedback features in one convenient platform.

1.3 SCOPE OF SYSTEM

By including these features and functionalities within the system, we aim to create an engaging online platform where users can effectively submit, explore, refine, and collaborate on business ideas.

- Users can submit their business ideas easily. They can also edit and refine their submitted ideas.
- Users can search and explore a wide range of business ideas based on categories, and also send request to innovators for get new business ideas as per their need.
- Users can create profiles with their information and manage their accounts efficiently.
- Users can engage with the community through features like likes, comments and shares on business ideas.
- The platform will offer discussion forums to encourage collaboration and knowledge exchange among users.
- The system will have a structured feedback system allowing users to give and receive feedback on ideas for improvement.
- The portal will be accessible on various devices such as computers, tablets and smartphones.
- The system will ensure data security and reliability to maintain user trust.

1.4 OBJECTIVES:

The primary objective of the project:

- 1. create a hub for ideas:
 - Build a central platform where users can share their innovative business ideas.
- 2. facilitate idea sharing:

• Enable aspiring entrepreneurs to easily submit and showcase their unique business concepts.

3. encourage collaboration:

• Foster a collaborative environment where users can interact, discuss, and refine ideas through community engagement.

4. provide idea diversity:

 Offer a wide array of business ideas from various industries and domains to inspire creativity.

5. simplify idea discovery:

 Allow users to efficiently search and discover potential business ideas based on their interests and preferences.

6. promote user engagement:

• Facilitate connections between innovators and business person to encourage networking and collaboration on projects.

7. enable feedback:

• Establish a feedback mechanism to help users to improve their business ideas.

8. ensure user-friendly experience:

• Develop an intuitive and easy to use interface to enhance the user experience and accessibility of the platform.

9. maintain security and privacy:

• Implement robust security measures to safeguard user data and ensure privacy and trust.

CHAPTER-2 PROPOSED SYSTEM REQUIREMENT GATHERING

2.1 STAKEHOLDER OF SYSTEM

Stakeholders are individuals or entities that have an interest in the project and can influence or be influenced by its outcome.

1. Admin:

- An admin who controls the data of innovators and business person.
- An admin is responsible for maintain the system as well as keep the system running smoothly.
- Admin can also manage the functionalities of the system.

2. Innovator:

 Innovator try to resolve confusion about business query and accomplish the desire of consumers that how to start a new business.

3. Business person:

 Business person is who that is confuse about business query and want to get knowledge about new business ideas.

2.2 REQUIREMENT GATHERING TECHNIQUE USED:

We used Interview technique for gathering the requirements.

Interview Q/A of Stakeholders:

ADMIN:

Q.1. Do you have a basic knowledge of IT?

Ans. Yes

Q.2. Do you understand your role as an admin?

Ans. Yes

Q.3. Will you able to fix minor issues related to the website yourself?

Ans. Yes

Q.4. have you ever managed some system like this before?

Ans. No Q.5. Will you generate the report periodically? Ans. Yes Q.6. Will you collect the analysis? Ans. Yes Q.7. Will you able to manage business related ideas, users and orders/purchases? Ans. Yes Q.8. Are you going to manage feedback? Ans. Yes Q.9. Can you control and manage the personal data of both innovators and business persons? Ans. Yes Q.10. Are you responsible for ensuring data privacy and security within the system? Ans. Yes Q.11. Do you ensure the smooth operation and functionality of the platform? Ans. Yes Q.12. Can you manage the various functionalities available within the system? Ans. Yes Q.13. Are you responsible for adding, modifying, or removing features/tools within the system? Ans. Yes Q.14. Do you have the authority to manage user access levels and permissions? Ans. Yes Q.15. Can you edit or remove inappropriate or irrelevant content from the system? Ans. Yes Q.16. Are you responsible for implementing and managing security measures within the system? Ans. Yes Q.17. Do you collect and consider user feedback for system improvements? Ans. Yes Q.18. Do you ensure the platform complies with relevant regulations and standards? Ans. Yes

Q.19. Are you responsible for updating policies and practices as per evolving regulations?

Ans. Yes

Q.20. How you will manage our system?

Ans. I will manage the business related ideas category, subcategories, view order details, view user details, view feedback.

INNOVATORS:

Q.1. Describe your target audience.

Ans. Our target audience is going to be the people who are in need of online business related ideas services.

Q.2. what makes you different from your competitors?

Ans. The way we provide good and efficient business related ideas to the customers.

Q.3. what functions do you need in system?

Ans. Functions like Managing offer, different category of ideas, view customer feedback for our product, customers can make the payment online.

Q.4. From which mode of payments would you like to receive payment?

Ans. Online payment will be preferable.

Q.5. Do you currently have a website? If so, what is/isn't working for you?

Ans. No

Q.6. so, are there any colour preferences for the system?

Ans. The system should look professional.

Q.7. Are you able to submit their business ideas or solutions within the system?

Ans. Yes

Q.8. Can they share their insights or strategies to help others in starting a new business?

Ans. Yes

Q.9. Is there a system feature allowing you to assist consumers in resolving business confusion?

Ans. Yes

Q.10. Are you encouraged to provide feedback on the queries and ideas discussed within the system?

Ans. Yes

Q.11. Is there access to resources or tools that aid you in resolving business queries?

Ans. Yes

Q.12. Does the platform facilitate networking among you interested in business-related discussions?

Ans. Yes

Q.13. Do you have control over the data they share within the platform?

Ans. Yes

BUSINESS PERSON:

Q.1. Is there a system in place for you to search and filter through various business ideas?

Ans. Yes

Q.2. Do you prefer online mode of payment?

Ans. Yes

Q.3. Will you opt for getting the online food?

Ans. Yes, it would save a lot of time.

Q.4. What features or kind of look you would prefer in our system?

Ans. System should have friendly navigation and easy to use.

Q.5. System should be attractive or user friendly or both?

Ans. Both

Q.6. Would you rather prefer online or offline system?

Ans. Online System for getting things done fast

Q.7. Would you like to share the feedback of our services which you used?

Ans. Yes

Q.8. Would you recommend our system to others if you like it?

Ans. Yes

Q.9. Are you provided with resources or content to resolve their business-related queries?

Ans. Yes

Q.10. Can you seek information on specific business-related topics?

Ans. Yes

Q.11. Is there a mechanism for you to interact with innovators who propose new business ideas?

Ans. Yes

Q.12. Can you communicate directly with innovators to discuss or explore ideas further?

Ans. Yes

Q.13. Are you allowed to provide feedback on the proposed business ideas?

Ans. Yes

Q.14. Can you contribute their own ideas or suggestions for the platform?

Ans. Yes

Q.15. Can you receive assistance in understanding or implementing the proposed business ideas?

Ans. Yes

Q.16. Do you have control over their personal data within the platform?

Ans. Yes

Q.17. Is there an option for you to manage your profiles?

Ans. Yes

Q.18. Does the platform have a notification system to alert to you about new ideas, interactions, or updates?

Ans. Yes

Q.19. Can you access success stories or case studies related to successful business implementations?

Ans. Yes

Q.20. Does the system offer diverse content formats (e.g., articles, videos, podcasts) to cater to different learning preferences of you?

Ans. Yes

2.3 CONSOLIDATED LIST OF REQUIREMENTS:

A collection of all the features and specifications that the online innovators and business portal should have.

- 1. User Registration and Profile Management:
 - Users should be able to create accounts, login, and manage their profiles with ease.
- 2. Idea Generation Tools:
 - Provide intuitive tools to help users brainstorm and generate innovative business ideas.
- 3. Categorized Idea Repository:
 - Organize business ideas into categories for easy navigation and exploration.

4. Idea Details and Descriptions:

• Allow users to view detailed descriptions, potential market and implementation strategies for each business idea.

5. User Feedback and Rating System:

 Enable users to provide feedback and rate business ideas to gauge their popularity and usefulness.

6. Expert Guidance and Consultation:

 Provide a platform for users to connect with business experts and seek advice on their business ideas.

7. Notification and Alert System:

 Implement a system to notify users about new business ideas, updates, or discussions related to their interests.

8. User-Friendly Interface:

• Design an intuitive and easy-to-navigate interface to ensure a positive user experience.

9. Search and Filter Functionality:

 Allow users to easily search for specific ideas and filter results based on criteria like industry, investments size, or target market.

10. Privacy and Security:

• Ensure the confidentiality and security of user data and ideas shared on the platform.

11. Bookmarking and Faviorite:

Permit users to save or bookmark ideas they find interesting for future reference.

12. Feedback and Improvement Mechanism:

Provide a way for users to offer feedback and suggestions for platform improvements.

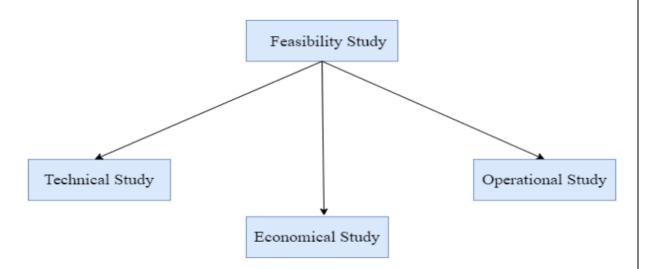
2.4 PROJECT DEFINITION:

Online innovators and business portal is a web application, where we try to resolve confusion about business query and accomplish the desires of consumers that how to start a new business from this portal. The basic idea to create this online platform is to provide idiomatic approach of business plans to the people.

CHAPTER-3 SYSTEM MANAGEMENT AND PLANNING

3.1 FEASIBILITY STUDY

The feasibility study is an evaluation and analysis of the potential of the proposed project which is based on extensive investigation and research to support the process of decision making. Feasibility is the measure of how beneficial the development of information system will be to an organization. The feasibility analysis is categorized under different types. There are:



3.1.1 TECHNICAL STUDY:

First, the technical feasibility is to understand if it is possible to complete the project with the current technologies. This application is going to use many programming languages and frameworks in order to ensure a good user experience for the end user. The structure of the application will consist of a backend and a frontend.

Online innovators and business person is a web-based application. The main technologies and tools which are going to be use are as follows:

- HTML
- CSS
- Bootstrap
- Python
- Django
- MYSQL
- Diagram Drawing Tools: Draw.io

3.1.2 ECONOMICAL STUDY

- Second, the economic feasibility is essential to know the budget needed for the completion of the application, and how much income it would be able to generate once released. The necessary budget for this project is low, the technologies needed for this project are free to use.
- The System will follow the freeware standards. No cost will be charged from the potential customers.
- Relatively there is no cost associated in managing the system once it is developed.
- No special hardware integration is required by the system.
- So, it is very much clear that our system is economically feasible

3.1.3 OPERATIONAL STUDY

Operational feasibility is the measure of how well a proposed system solves the problems and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

- Determines whether the problems anticipated in user requirements are of high priority.
- Analyses whether users will adapt to a new software.
- Our system will be easy to use and much secured.

3.2 HARDWARE / SOFTWARE REQUIREMENT

Client side requirements:

Hardware requirement:

Processor	Minimum Core i5 or higher
RAM	Minimum 4GB or higher
Hard Disk	Minimum 20GB or higher

Software requirement:

OS	Minimum Windows 11 or Higher
Browser	Chrome v73.03683386

Server side requirements:

• Hardware requirement:

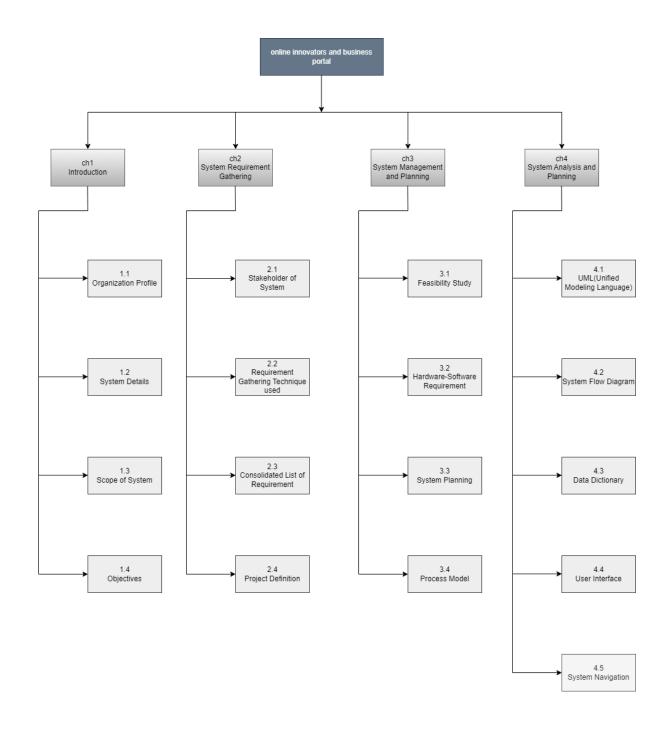
Processor	Minimum Core i5 or higher
RAM	Minimum 2GB or higher
Hard Disk	Minimum 500MB or higher

• Software requirement:

OS	Minimum Windows 10 or Higher
Server	XAMPP
Database	MYSQL

3.3 SYSTEM PLANNING

3.3.1 WORK BREAKDOWN STRUCTURE



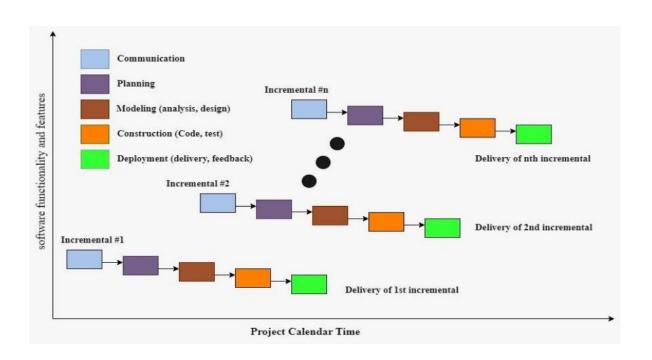
3.3.2 GANTT CHART

	September	October	November	December	January	February	March	April
1. Start of project								
Definition Submission								
Approval Submission								
2. Requirement Gathering								
Defining Stakeholder								
Interview								
Scope of System								
3. Planning								
Analyzing Requirement								
Feasibility Study								
Technical							 	
Economical								
Operational								
4. System Design								
UML Diagrams								
System Flow Diagram								
User Interface								
System Navigation							 	
5. Development(Coding)								
6. Testing & Implementation								

3.3.3 PROCESS MODEL

Incremental Model:

- When initial requirements are reasonably well defined, and the overall scope of the development effort prevents a purely linear process. A need to expand a limited set of new functions to a later system release.
- It combines elements of linear and parallel process flows. Each linear sequence produces deliverable increments of the software.
- The first increment is often a core product with many supplementary features. Users use it and evaluate it with more modifications to better meet the needs.
- Suited for large projects, less expensive to the change of requirements as they support customer interactions with each increment.
- Initial versions of the software are produced early, which facilitates customer evaluation and feedback.
- It doesn't fit into small projects, or projects that waterfall are best suited for A structured process with a detailed, and accurate description of the system.



CHAPTER-4 SYSTEM ANALYSIS AND DESIGN

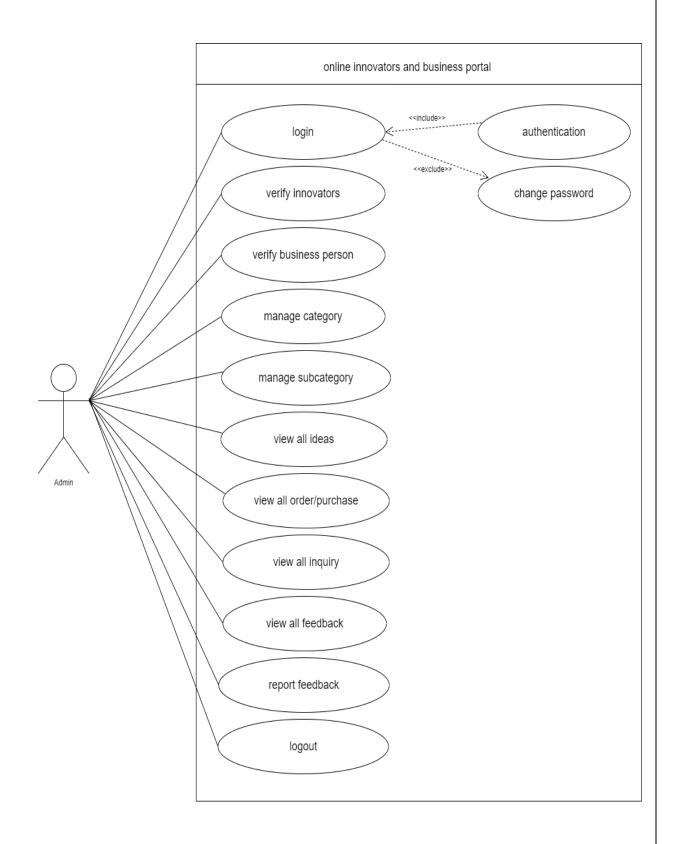
4.1 UML (UNIFIED MODELING LANGUAGE)

4.1.1 USECASE DIAGRAMS

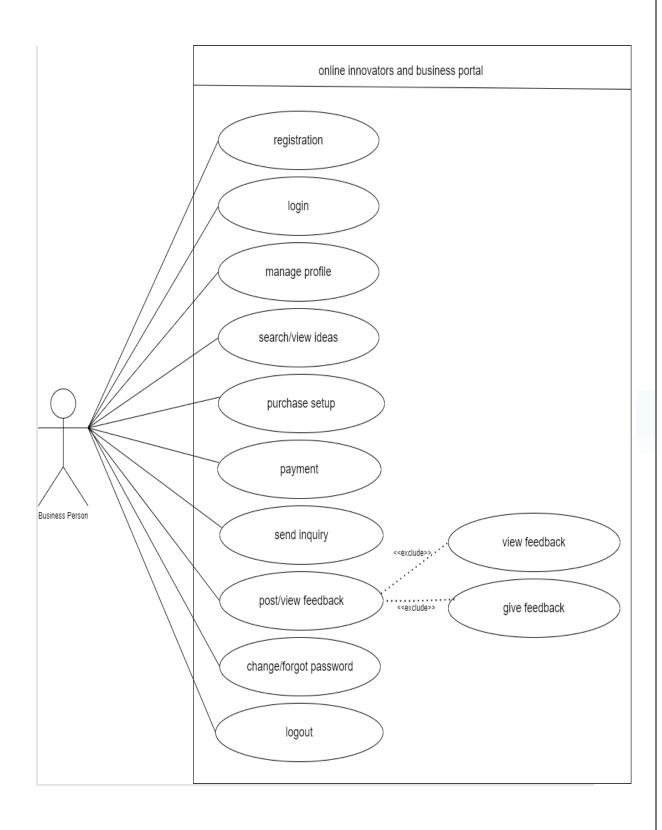
Use case diagram is a graphic depiction of the interaction among the elements of a system. A Use case is methodology used in system analysis to identify, clarity and organize system requirements.

	Boundary of the System
	Actor of the System
	For Use case Know as Oval
•	Connector between the Actor and Oval

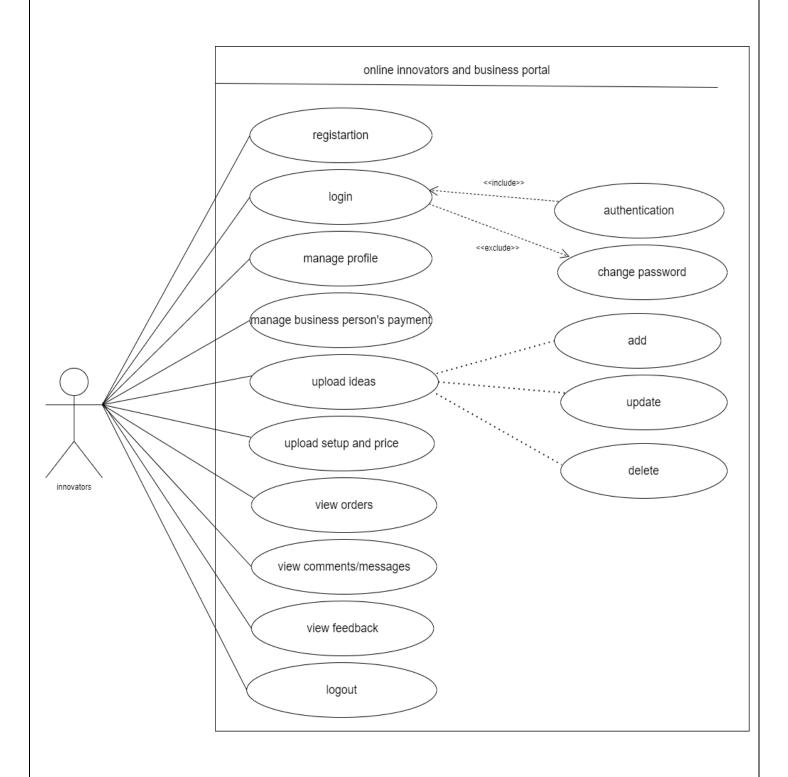
ADMIN:



BUSINESS PERSON:



INNOVATORS:

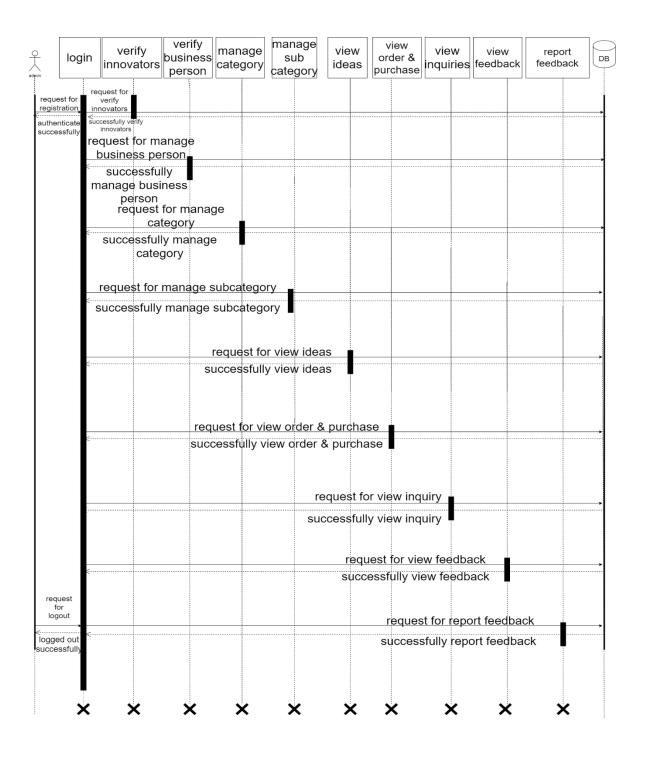


4.1.2 SEQUENCE DIAGRAM

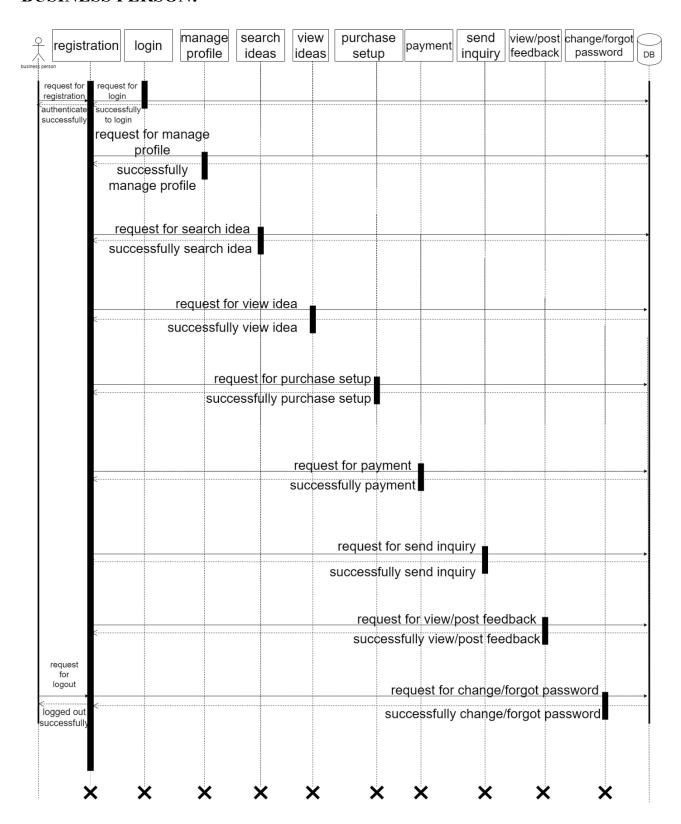
A Sequence diagram is an interaction diagram that shows how objects operate with one another and in what order objects. It is a construct of a message sequence chart. A sequence diagram shows objects interactions arranged in time sequence.

-	Arrow Represents an event occur between objects.
	Rectangle represents Objects in diagram.
	Represents the time occur between Request and response of the object.
	Back Arrow represents response of the event to the object.

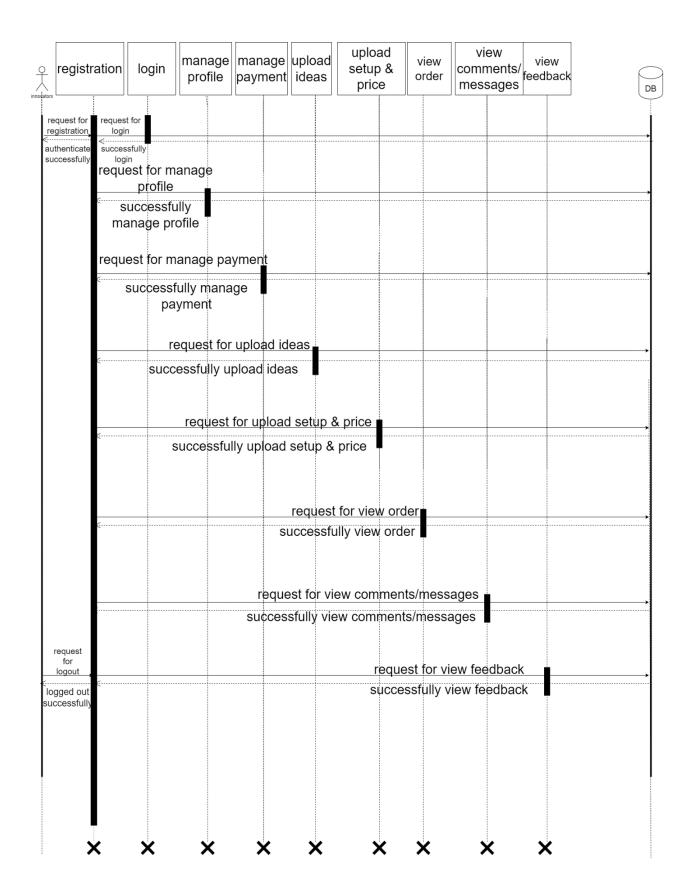
ADMIN:



BUSINESS PERSON:

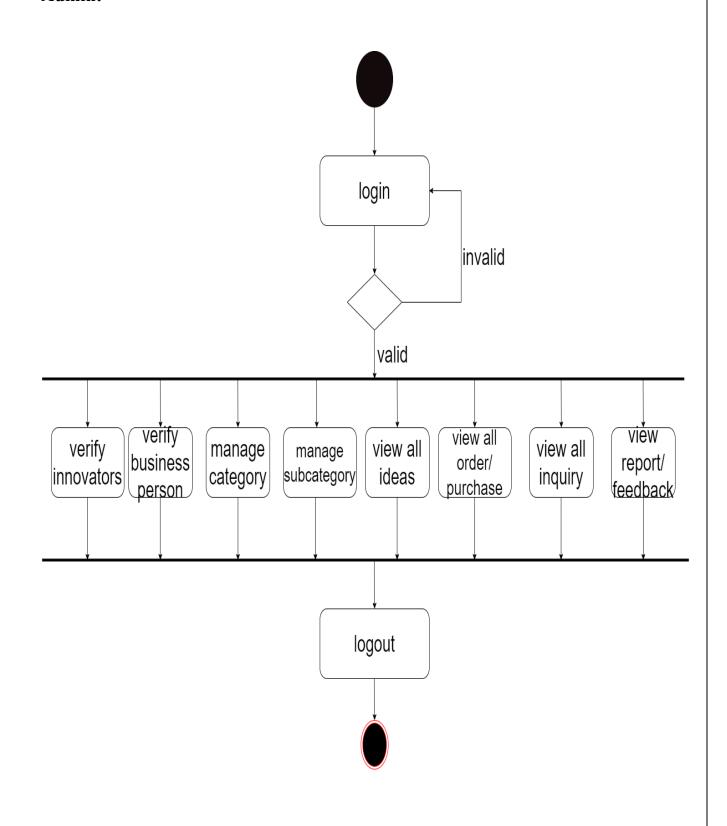


INNOVATORS

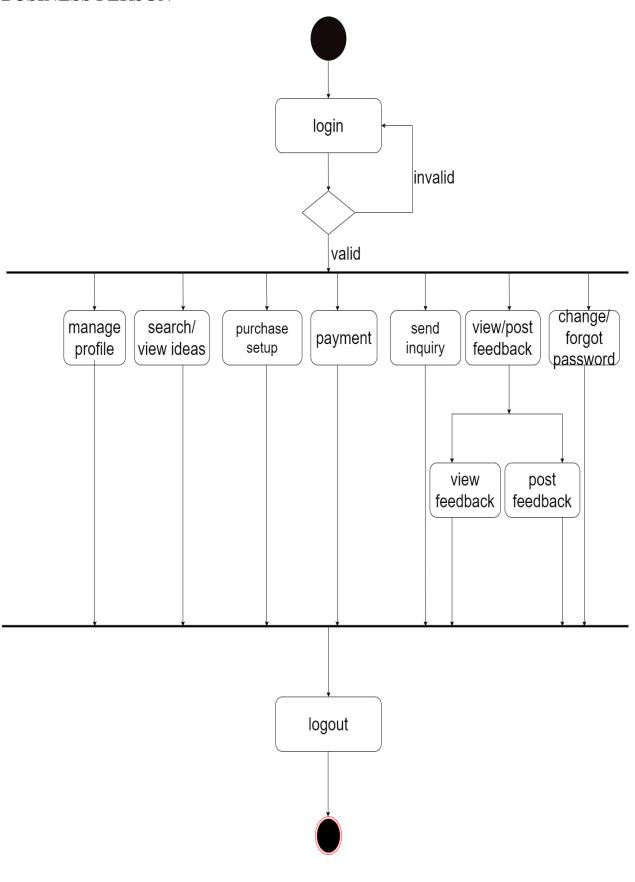


4.1.3 ACTIVITY DIAGRAM

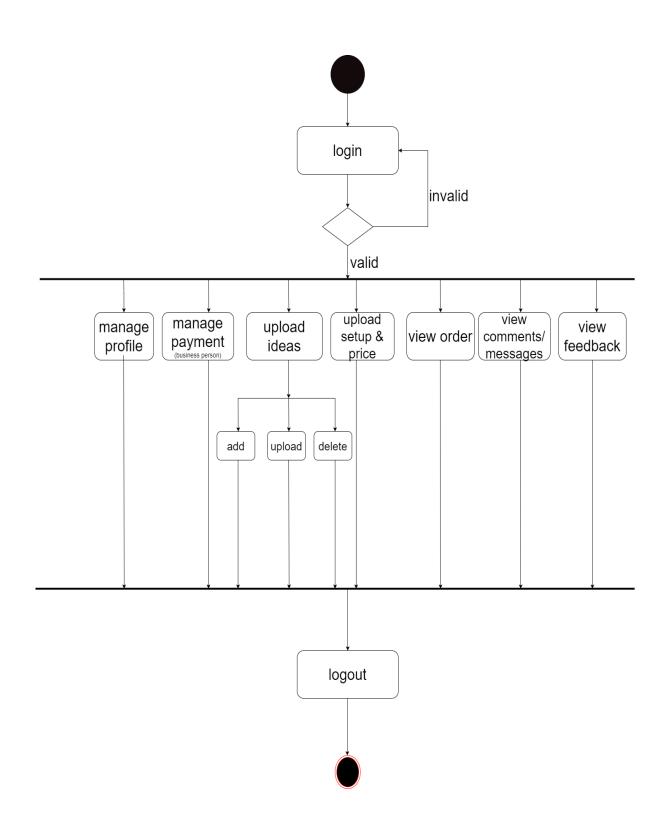
Admin:



BUSINESS PERSON



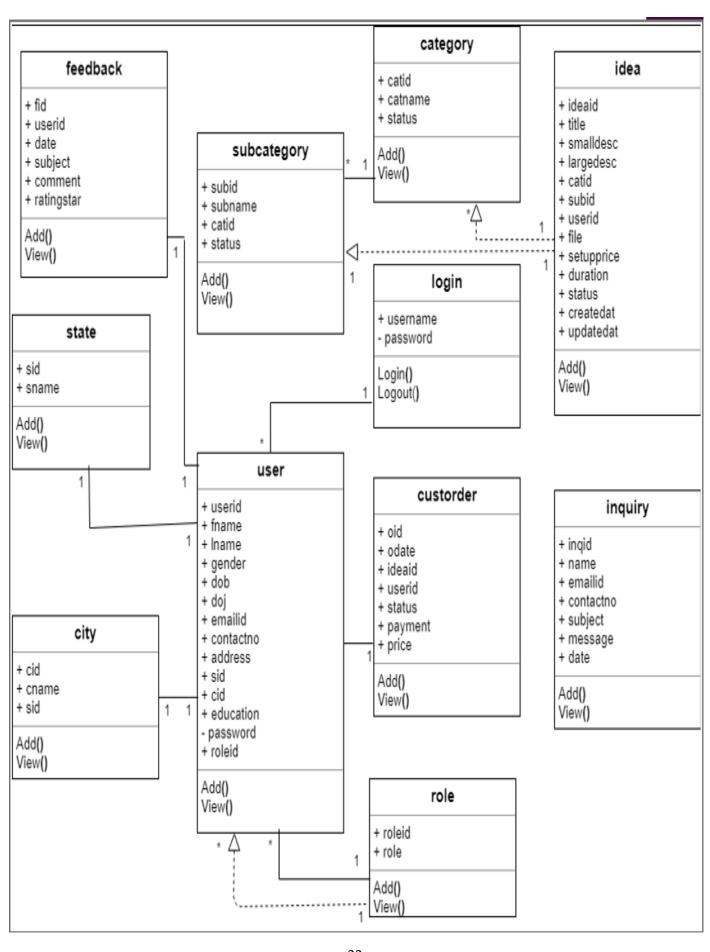
INNOVATORS



4.1.4 CLASS DIAGRAM

Class diagram in the unified modelling language is type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations and the relationships among objects.

Class Name -attribute #Method ()	It is use to representing the class.
	Connection between the one class to another classes.

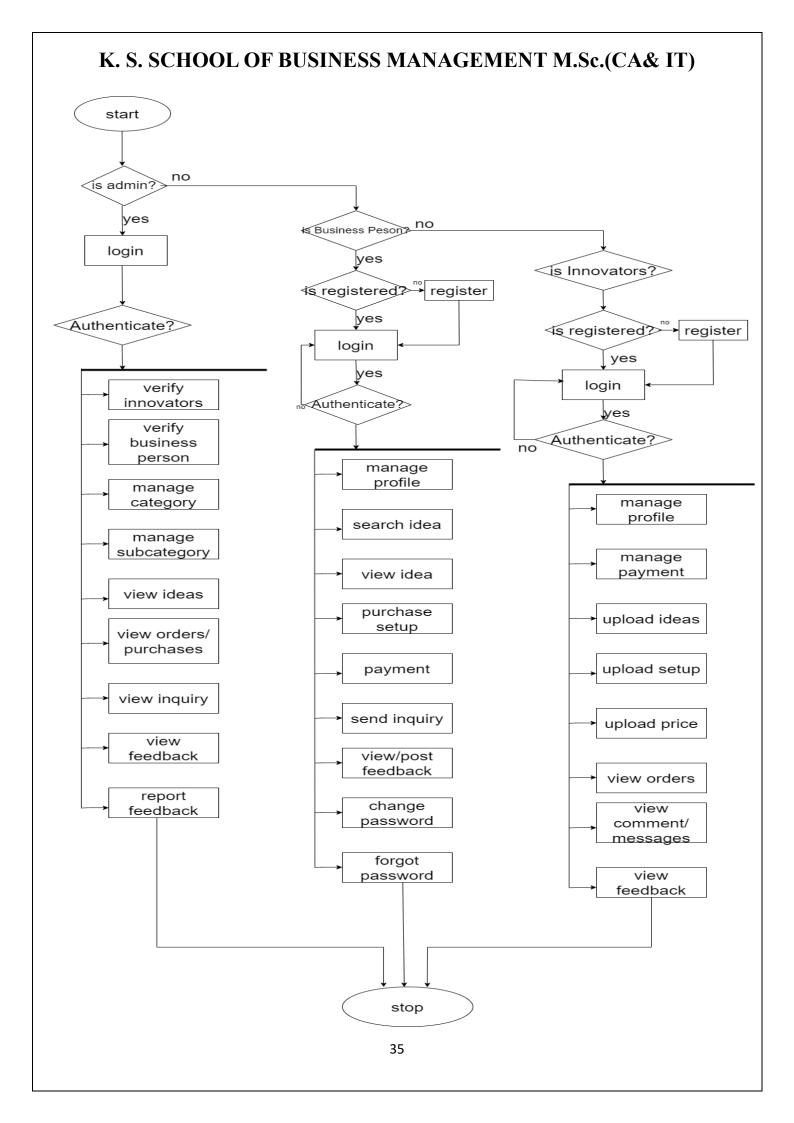


4.2 SYSTEM FLOW DIAGRAM

This is diagram which helps to show the actual flow of the system that is how a system is going to work and what is its flow, from where it is starting and what are its functionalities and how we are going to exit out from our system.

A SFD(System Flow Diagram) shows what kind of information will be input to and output from the system, where the data will come from and go to, and were the data will be stored. It gives a clear idea about the whole process, say it an application or a normal data flow.

Start/End
 Arrows
Process
Decision



4.3 DATA DICTIONARY

TOTAL TABLE

- 1. Role
- 2. State
- 3. City
- 4. User
- 5. Category
- 6. Subcategory
- 7. Idea
- 8. Inquiry
- 9. Feedback
- 10. Customer Order

Table1: Role

Primary key: role id

Description: represents role of user deatails

Field name	datatype	size	constraint	description
roleid	int	10	Primary key	Represents id of user
rolename	varchar	40	Not null	Represents name of
				users

Table2: State

Primary key: sid

Description: represents state details

Field name	datatype	size	constraint	description
sid	int	10	Primary key	Represents id of state
sname	varchar	40	Not null	Represents name of state

Table3: City

Primary key: cid

Foreign key: sid

Description: represents city details

Field name	datatype	size	constraint	description
cid	int	10	Primary key	Represents id of city
cname	varchar	40	Not null	Represents name of city
sid	int	10	Foreign key	Represents id of state

Table4: User

Primary key: userid

Foreign key: sid,cid,roleid

Description: represents user details

Field name	datatype	size	constraint	description
userid	Int	10	Primary key	Represents id of user
Fname	varchar	40	Not null	Represents first name of
				user
lname	varchar	40	Not null	Represents last name of
				user
cname	varchar	100	Not null	Represents company
				name of user
gender	varchar	30	Not null	Represents gender of user
dob	date	-	Not null	Represents date of birth
				of user
emailid	varchar	100	Not null	Represents emailed of
				user
Contact no	bigint	10	Not null	Represents contact no of
				user
address	text	-	Not null	Represents address of
				user
sid	int	10	Foreign key	Represents state id of user
cid	int	10	Foreign key	Represents city id of user
profilephoto	varchar	40	Not null	Represents profile photo
				of user
password	varchar	40	Not null	Represents password of
				user
roleid	int	11	Foreign key	Represents roleid of user

Table5: Category

Primary key: catid

Description: represents category details

Field name	datatype	size	constraint	Description		
catid	int	11	Primary key	Represents	id	of
				category		
catname	varchar	40	Not null	Represents	name	of
				category		
catimg	varchar	40	Not null	Represents	image	of
				category		

Table6: Subcategory

Primry key: subid Foreign key: catid

Description: represents subcategory details

Field name	datatype	size	constraint	description	
subid	int	10	Primary key	Represents i	d of
				subcategory	
subname	varchar	40	Not null	Represents nar	me of
				subcategory	
catid	int	10	Foreign key	Represents i	d of
				category	
subimg	varchar	40	Not null	Represents ima	age of
_				subcategory	

Table7: Idea

Primry key: ideaid

Foreign key: catid, subid, userid

Description: represents idea's details

Field name	datatype	size	constraint	description
ideaid	int	11	Primary key	Represents id of idea
title	varchar	50	Not null	Represents title of ideas
smalldesc	varchar	150	Not null	Represents small
				description of idea
largedesc	varchar	255	Not null	Represents large
				description of idea
catid	int	11	Foreign key	Represents id of
				category
subid	int	11	Foreign key	Represents id of
				subcategory
userid	int	11	Foreign key	Represents id of user
file	varchar	255	Not null	Represents file name of
				idea
setupprice	decimal	(10,2)	Not null	Represents price of
				setup
setupduration	varchar	100	Not null	Represents duration of
_				setup

Table8: Inquiry

Primry key: inqid

Description: represents inquiries in details

Field name	datatype	size	constraint	description
inqid	int	11	Primary key	Represents id of inquiry
name	varchar	40	Not null	Represents name of visitor
emailid	varchar	40	Not null	Represents emailed of visitor
Contactno	Bigint	10	Not null	Represents contactno of visitor
subject	varchar	255	Not null	Represents subject of visitor's inquiry
message	varchar	255	Not null	Represents message in details of visitors inquiry
date	date	-	Not null	Represents date of visitor's inquiry

Table9: Feedback

Primry key: fid

Description: represents feedback's details

Field name	datatype	size	constraint	description
fid	int	11	Primary key	Represents feedback id
name	varchar	40	Not null	Represents name of the feedback given person's
date	date	-	Not null	Represents feedback date
subject	varchar	255	Not null	Represents subject of feedback
message	varchar	255	Not null	Represents message of feedback

Table10: Customer Order

Primry key: oid

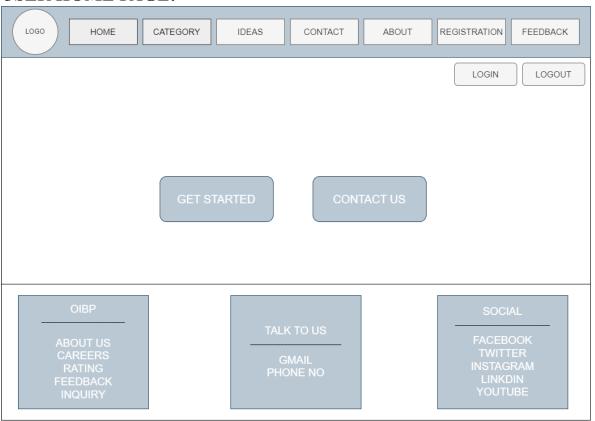
Foreign key: ideaid,userid

Description: represents order details

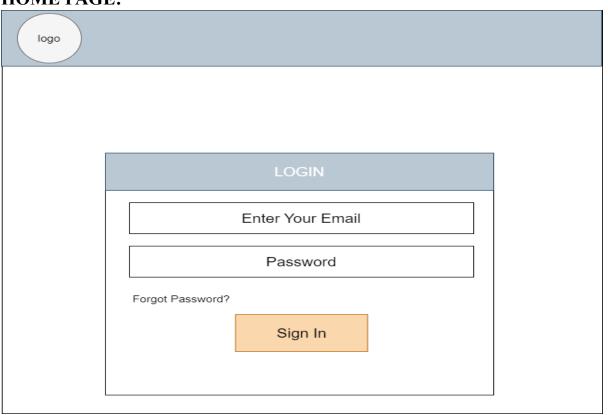
Field name	datatype	size	constraint	description
oid	int	11	Primary key	Represents id of order
odate	date	-	Not null	Represents date of order
ideaid	int	11	Foreign key	Represents id of ideas
userid	int	11	Foreign key	Represents id of user
status	int	50	Not null	Represents status of order
title	varchar	255	Not null	Represents title of order
price	int	100	Not null	Represents price of order

4.4 USER INTERFACE

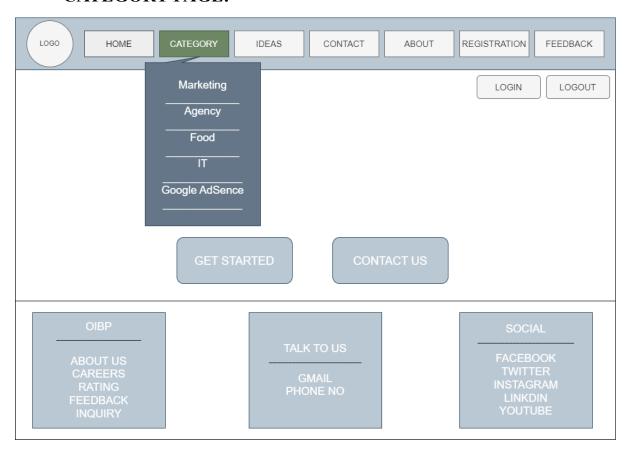
USER HOME PAGE:



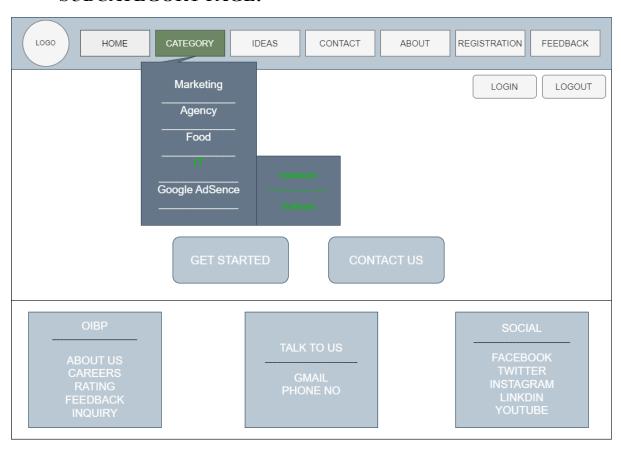
HOME PAGE:



CATEGORY PAGE:



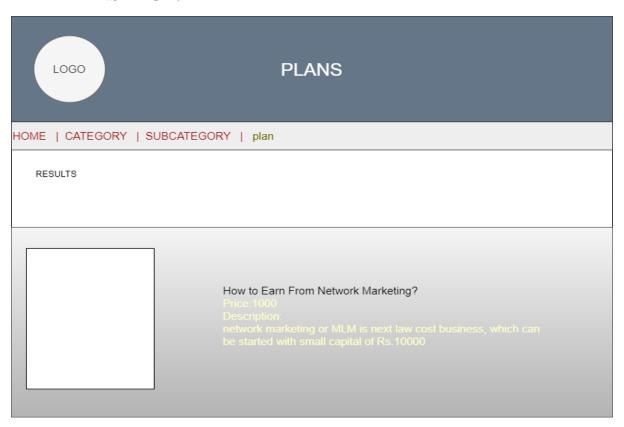
SUBCATEGORY PAGE:



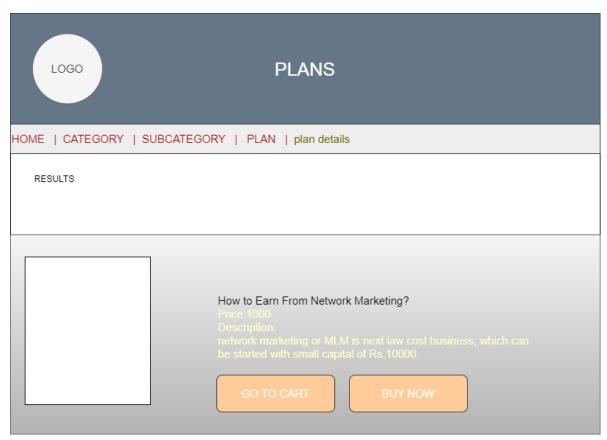
• IDEAS PAGE:



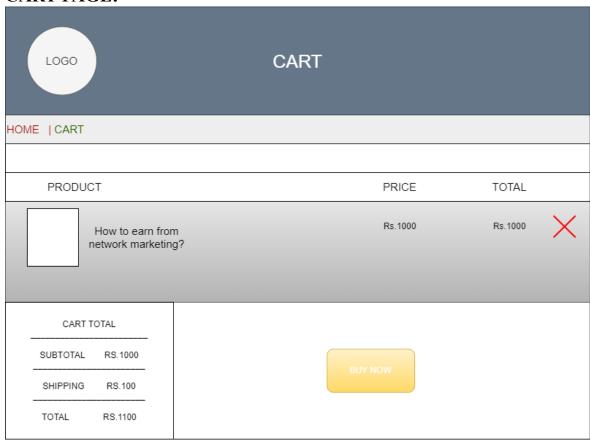
PLANS PAGE:



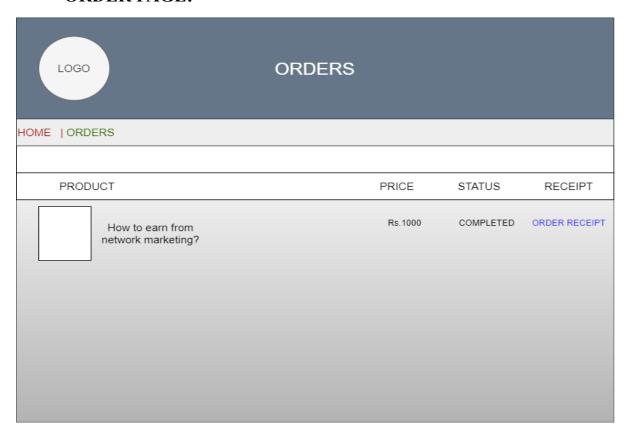
• SHOP DETAILS PAGE:



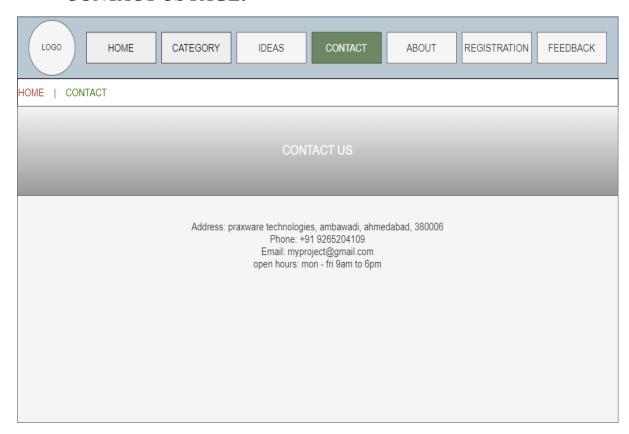
CART PAGE:



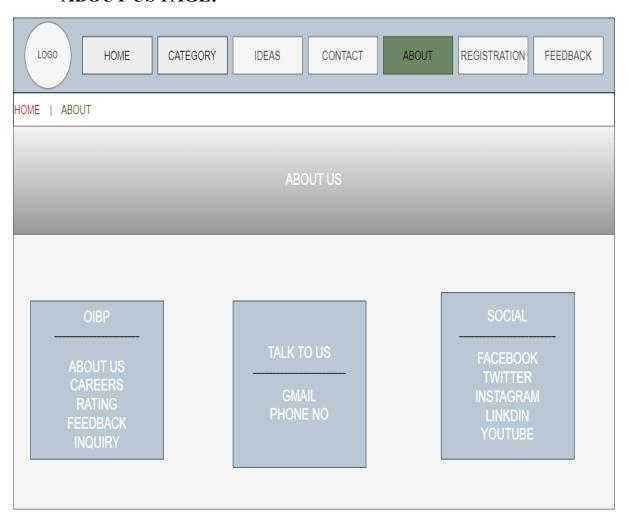
ORDER PAGE:



CONTACT US PAGE:



ABOUT US PAGE:



4.6 BIBLIOGRAPHY:

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- https://www.stackoverflow.com
- https://www.python.net/
- https://www.diagrams.net/
- https://developer.mozilla.org/en-US/
- https://www.lucidchart.com/
- https://www.udemy.com/
- https://www.freecodecamp.org/
- https://www.w3schools.com/

Book:

- Head First Design Patterns
- Python programming by Reema Thareja
- Head First MySQL