Project:Tradeit

Course Code:SE-331

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December 29, 2020

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1 Introduction

1.1 Project Title: Blogging and Digital Marketing Web app

1.2 Project Description

This project helps all type of people because of this blog usually work of single individual or small group, and every single subject covered by this. This blog contain the information of various things related to Technology, Education, News, International, Business, Sports, Entertainment, And ongoing any activities. Blog can also be used as a verb, meaning to maintain or add content to a blog. The main aim of this project is to provide data to students, engineer, doctors, businessperson, service holder or any unemployed person has different specific site. Student, Doctor, Engineer can gather the information from one site as well as give their feedback and create their own blog. Engineer can gather the information from one site as well as give their feedback and create their own blog. Doctor can gather the information from one site as well as give their feedback and create their own blog. Moreover, there will be separate sites for all other professional. Beside all such core functionalities, application also, request, feedback etc. After the specific time this blog will be update automatically.

1.3 Project Motivation

In the recent past time blogs were store in the paper files and difficult to search or modified any information, for expanding the blogs infrastructure, awareness of environmental issues or any other issues related to education, health, digital technology, and search for greater safety gave to information to all persons in all age groups and a new role within the education system. In this blog, all data will be save safety. Other person cannot view other person's details without admin. Big opportunity is free of cost. I choose this project initiatives phenomenal growth has taken place in all the activities of blogs and any user can share its information related to any topic to all user. So all these reason I choose this type of project.

1.4 Project Scope

- To use the personal images in greeting our loved ones.
- To use the music of our choice to greet in the language we want.
- To satisfy the customers and provide them with the ordered video before time.

2 System Requirement

2.1 Category: Web Application

2.2 Scenario

In the recent past time Blogs were store in the paper files and difficult to search or modified any information, for expanding the Blogs infrastructure, Awareness of environmental issues or any other issues related to education, health, digital technology, and search for greater safety give to information to all persons in all age groups and a new role within the education system, I choose this project. Because of these project initiatives phenomenal growth has taken place in all the activities of blogs and any user can share its information related to any topic to all users. This blog contain the information of various things related to Technology, Education, News, International, Business, Sports, Entertainment, And ongoing any activities. Also, use Blog as a verb, meaning to maintain or add content to a blog. The main aim of this project is to provide data to students, engineer, doctors, businessperson, service holder or any unemployed person has different specific site.

2.3 Advantage

This is a very simple design and implement. It has got following Features:

- Data can be save safely.
- Other person cannot view other
- person's detail.
- Greater efficiency.
- User friendliness.
- Minimum time required.
- Free of cost.

2.4 Raw Requirement

- It will be web application.
- It will automation update system.
- It will be a registration part for user and admin.
- It will be a login part both user and admin.
- It will be content share video and live share option.
- It will be marketing site.
- It will be main part of admin permission for login and share content.
- This web application provide services based on user arrival time.
- It will be also logout part both admin and user.

3 System Analysis

3.1 Functional and Data Requirement

The requirements gather process is intensify and focused specifically on software. To understand the nature of the program(s) to be build, the software engineer ("analyst") must understand the information domain for the software, as well as required function, behavior, performance, and interfacing. Requirements for the both the system and the software are documented and reviewed with the customer.

- **Mobile Friendliness:** It is very important.Because when a person is outside he can't use PC website. SO that time he or she need to use mobile phone's website.That's why mobile-first design never ceases to gain particular popularity as a more advanced adaptive design option.
- **Social Proof:** Don't forget to connect API of popular social networks, as well as include fields for product ratings and reviews. This will increase the degree of user confidence in your trading platform and satisfy their need for an objective assessment of a particular product position.
- **Live chat:** It is very important because a customer can directly communicate with seller.An online chat is a point to heed among the essential management requirements. No matter how simple your product is, it is very desirable to have an online chat on the site where customers could instantly receive answers to their questions.

SRS- Id	Name	Description	SRS- Type	Priority
FR- 001	Web application system	There will be web application and automation update system.	Functional Requirement	High
FR- 002	Registration	There will be a registration part for user and admin	Functional Requirement	High
FR- 003	Login	There will be a login part both user and admin.	Functional Requirement	High
FR- 004	Content Share	There will be content share video and live share option.	Functional Requirement	High/ Medium
FR-005	Marketing	There will be marketing site.	Functional Requirement	High/ Medium
FR- 006	Permission	There will be main part of admin permission for login and share content.	Functional Requirement	High
FR- 007	Time	This web application provide services based on user arrival time.	Functional Requirement	High
FR- 008	Logout	There will be also logout part both user and admin.	Functional Requirement	Low

3.2 Non-Functional Requirements

With the customer, the software developed here assumes the use of PHP for connection between the Front End and the database. The speed of the User's connection will depend on how fast they Approach the site. The Admin will run the users requests and will have an access to database.

3.2.1 Reliability

- The system is reliable i.e. it is well trusted.

3.2.2 Security

- The system is well secure, i.e. admin and user both have their unique ID and password to login into the system.

3.2.3 Maintainability

- Our project is well maintain with all required features involved. The only requirement is the Internet connection.

3.2.4 Portability

- The system is portable i.e. it can work on any other system of the admin.

3.3 Software Tools

3.3.1 Data Server

Microsoft SQL-Server.

3.3.2 Client

Microsoft Internet Explorer or Any other browser.

3.3.3 Development Tools

Microsoft Visual Studio Code.

3.3.4 Programming Language

Python, Html, Css, Bootstrap, Django

3.4 Deployment

3.4.1 Operating System Server

Windows 10 Linux, UNIX

3.5 Hardware Specification

3.5.1 Processor

Intel Core i3 8th Generation.

3.5.2 Ram

8GB

3.5.3 Hard Disk

1TB

4 System Design

4.1 UML Design

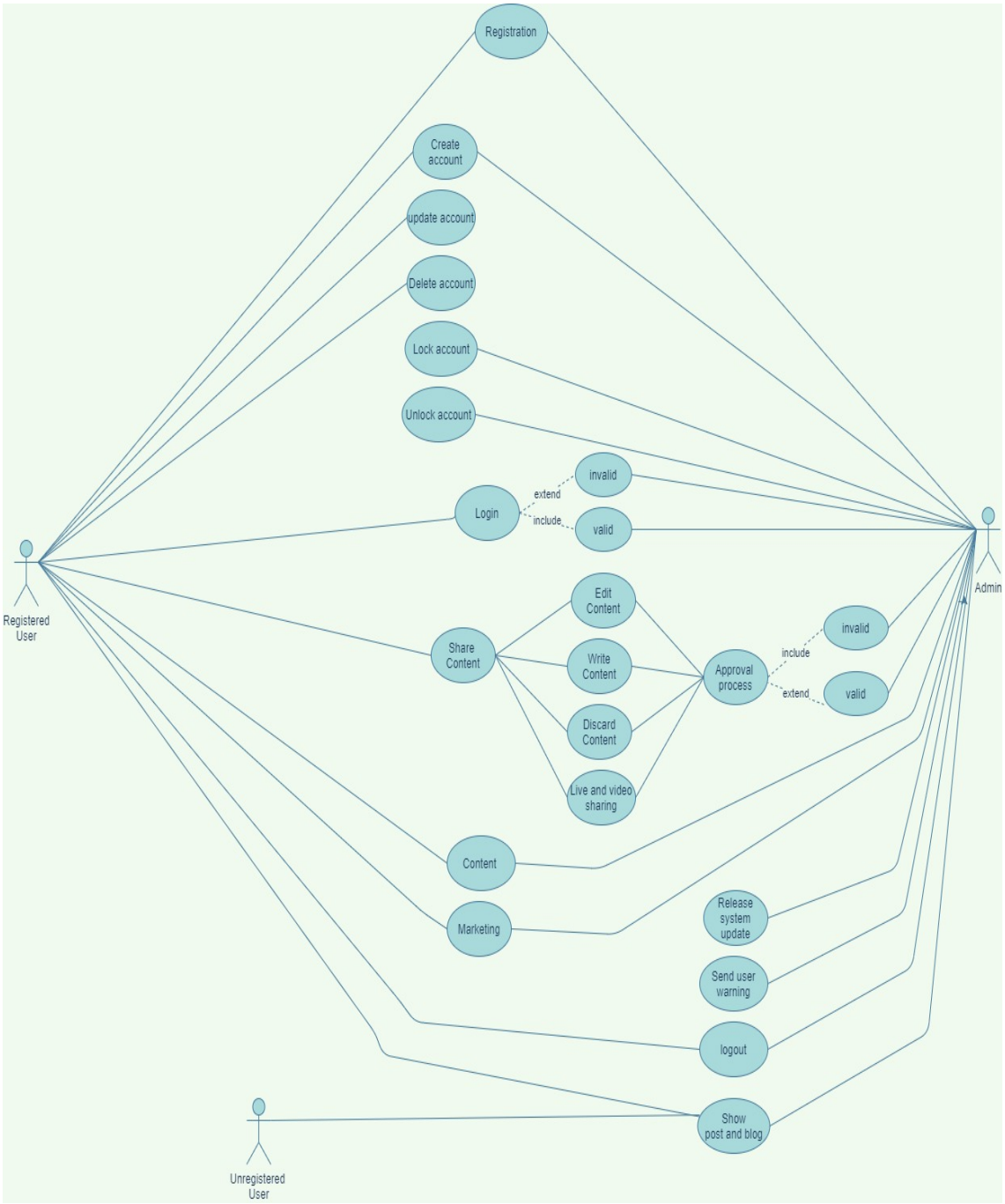
UML short for Unified Modeling Language is a standardized modeling language consisting of an integrated set of diagrams, developed to help system and software developers for specifying, visualizing, constructing, and documenting the artifacts of software systems, as well as for business modeling and other non-software systems. The UML represents a collection of best engineering practices that have proven successful in the modeling of large and complex systems. The UML is a very important part of developing object oriented software and the software development process. The UML uses mostly graphical notations to express the design of software projects. Using the UML helps project teams communicate, explore potential designs, and validate the architectural design of the software.

4.2 UML Diagram:

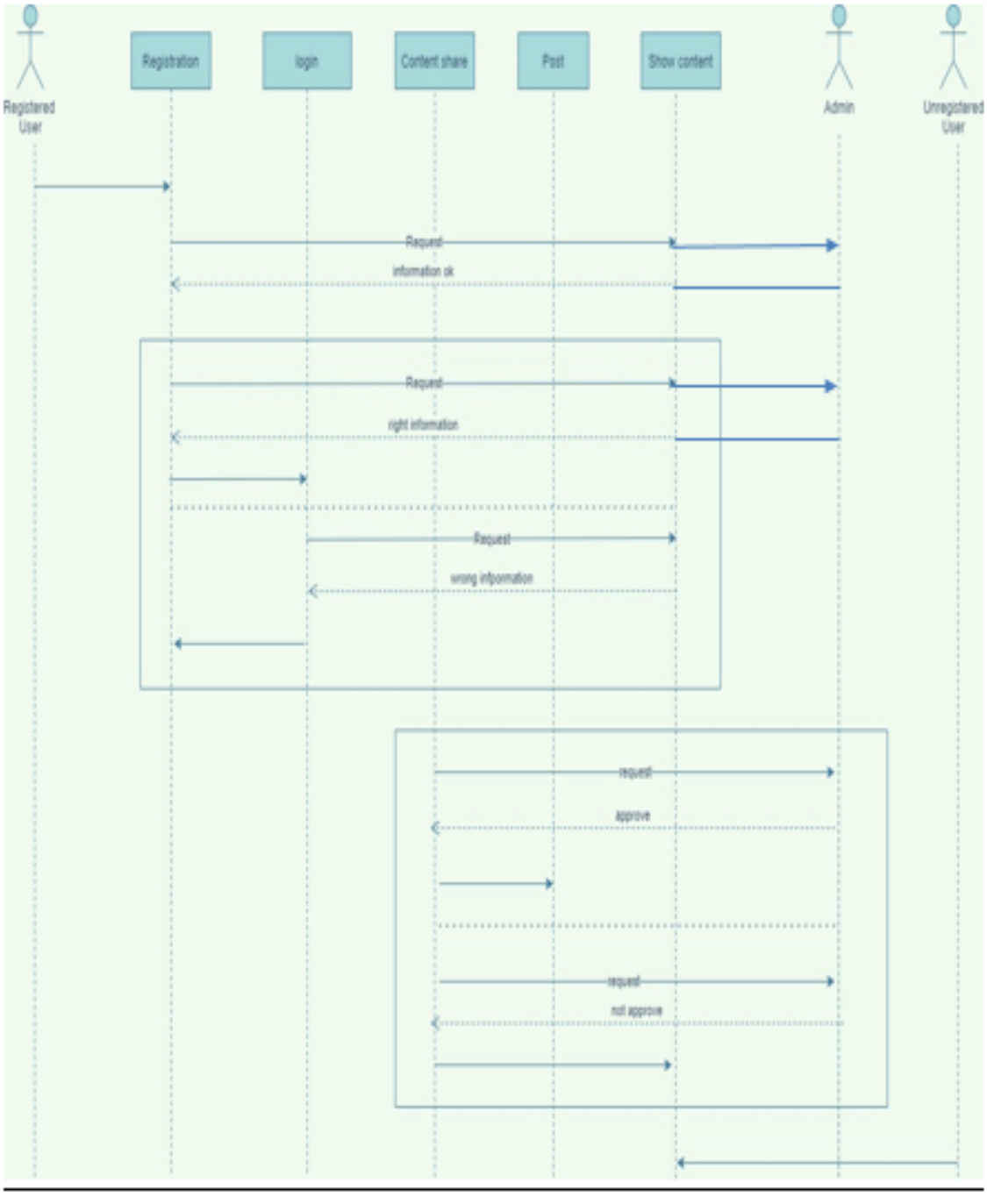
There are several types of UML diagrams and each one of them serves a different purpose regardless of whether it is being designed before the implementation or after (as part of documentation). The two broadest categories that encompass all other types are Behavioral UML diagram and Structural UML diagram. As the name suggests, some UML diagrams try to analyze and depict the structure of a system or process, whereas other describe the behavior of the system, its actors, and its building components. The different types are broken down as follows:

- Use Case Design
- Sequence Diagram
- Activity Diagram
- E-R Diagram
- Class Diagram
- Data Flow Diagram

4.2.1 Use Case Design

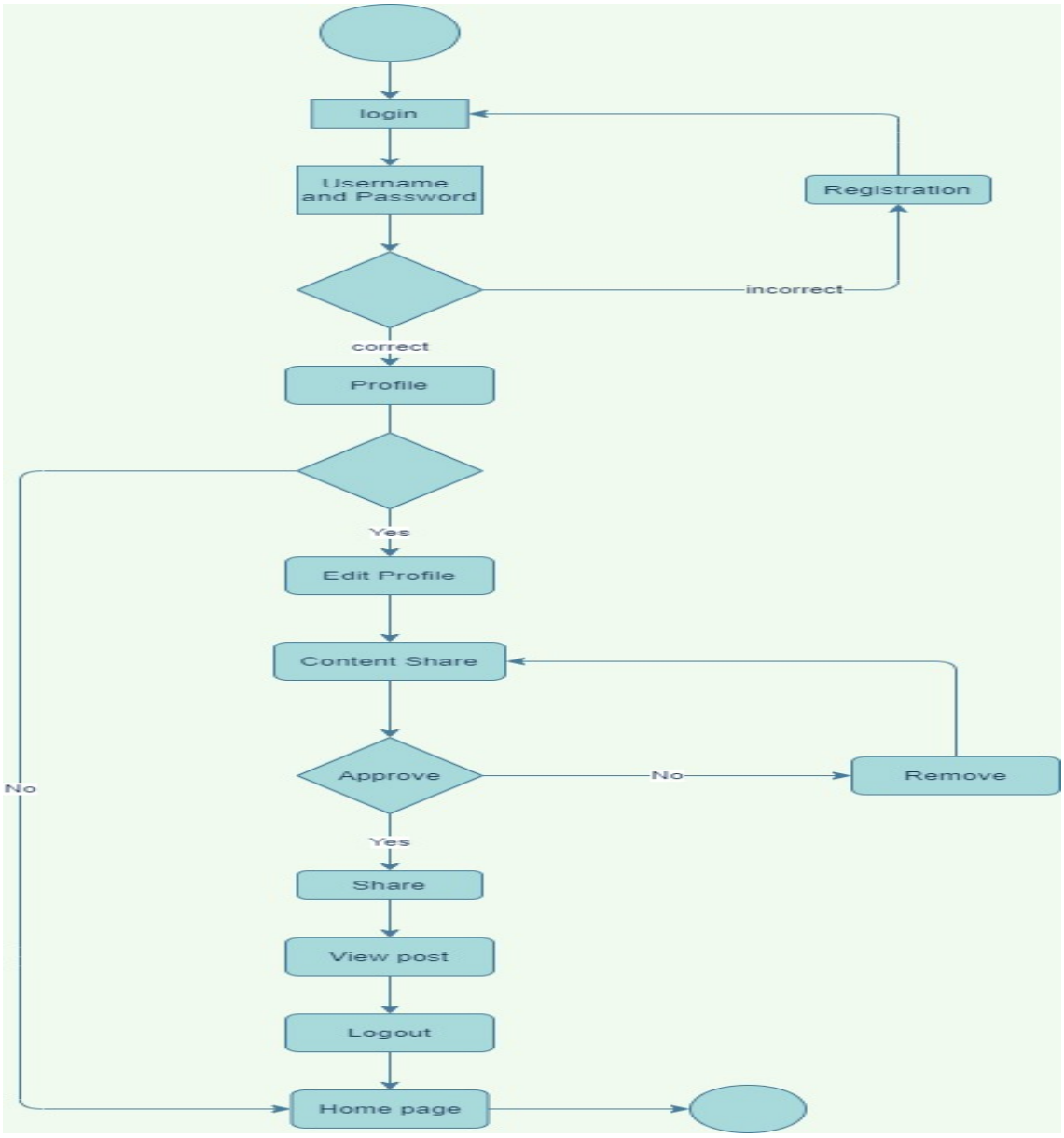


4.2.2 Sequence Diagram

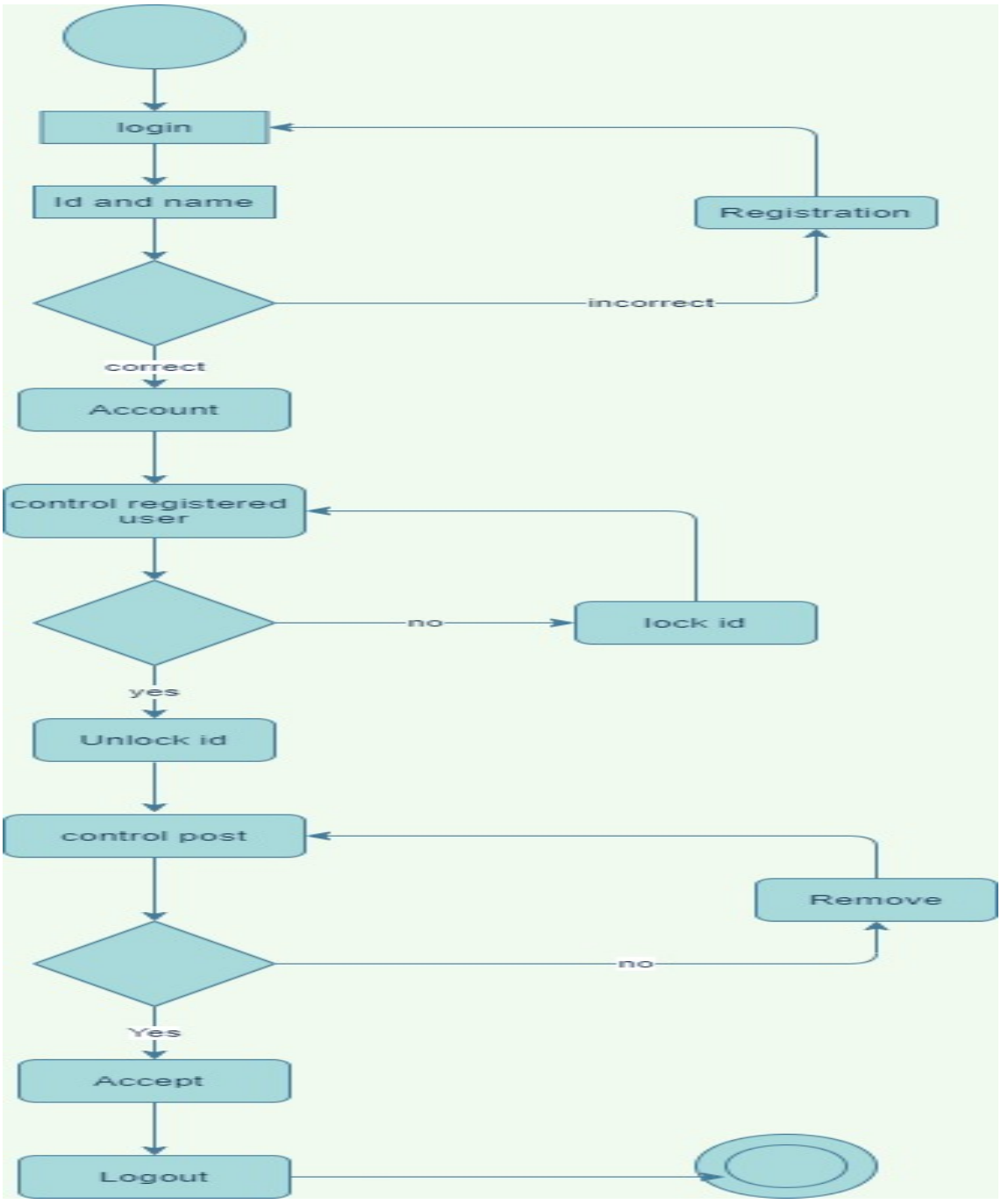


4.2.3 Activity Diagram

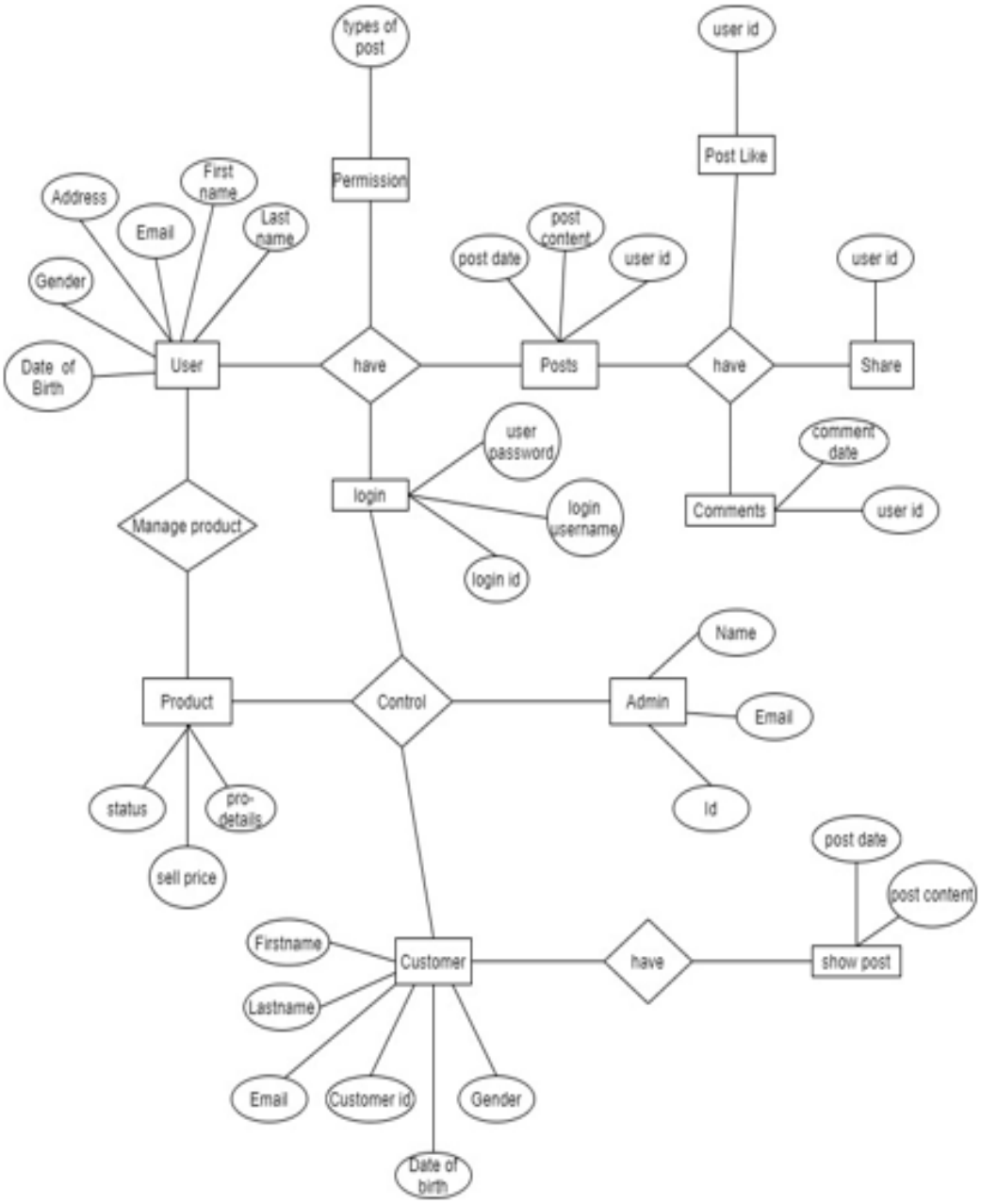
User



ADMIN


login
Id and name
Registration
incorrect
correct
Account
control registered user
lock id
no
yes
Unlock id
control post
Remove
no
Yes
Accept
Logout

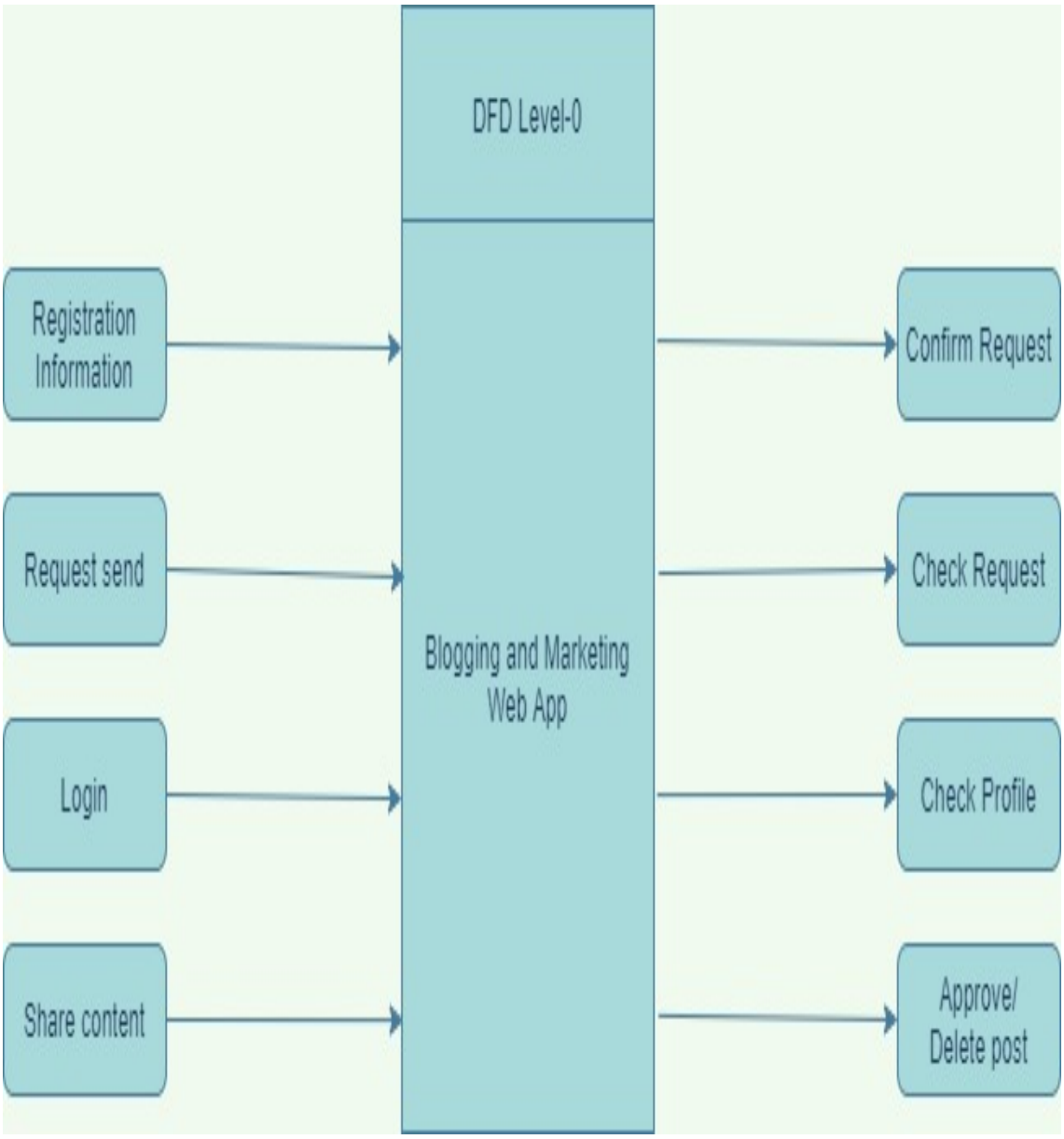
4.2.4 E-R Diagram



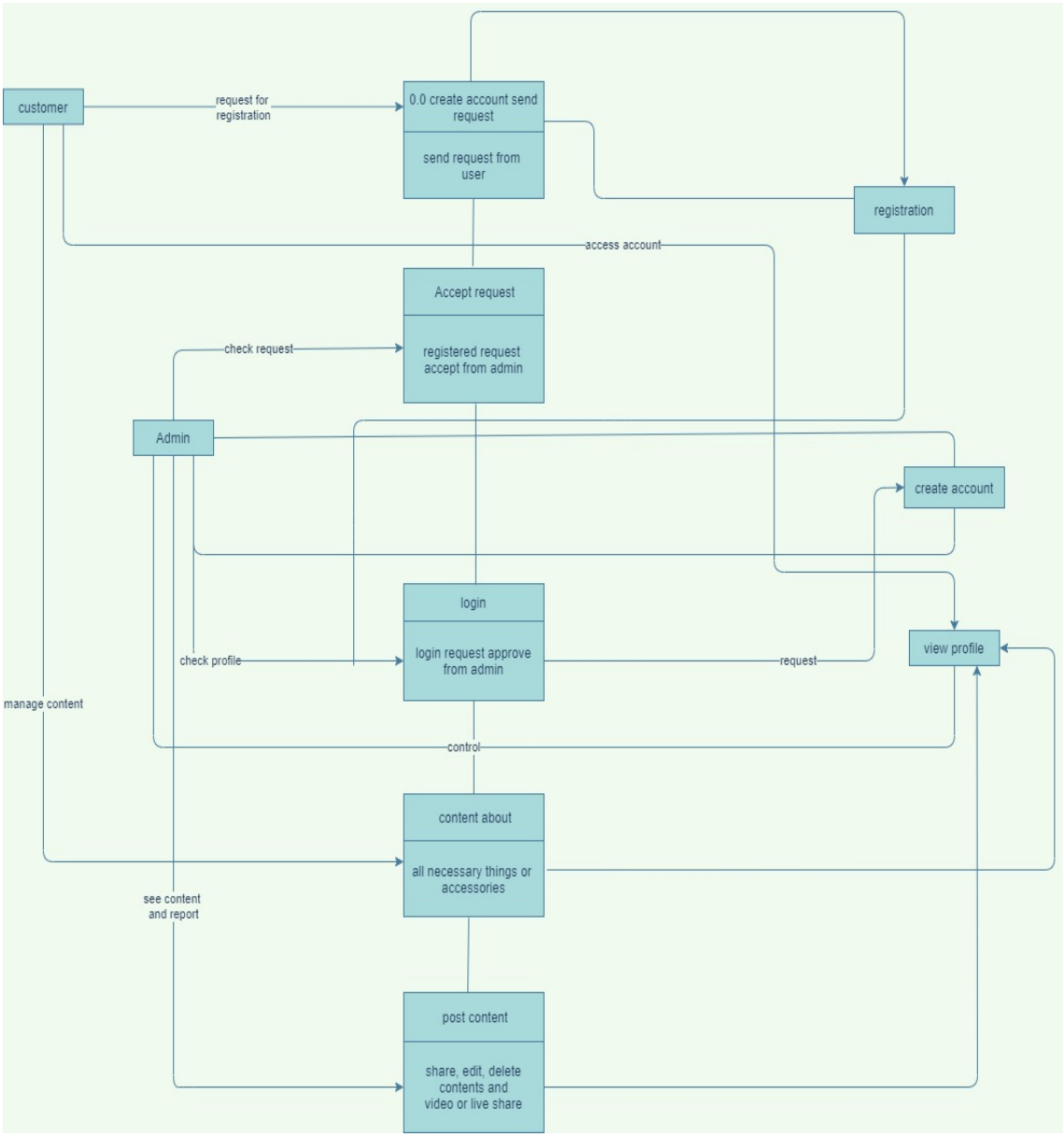
4.2.5 Class Diagram

4.2.6 Data Flow Diagram

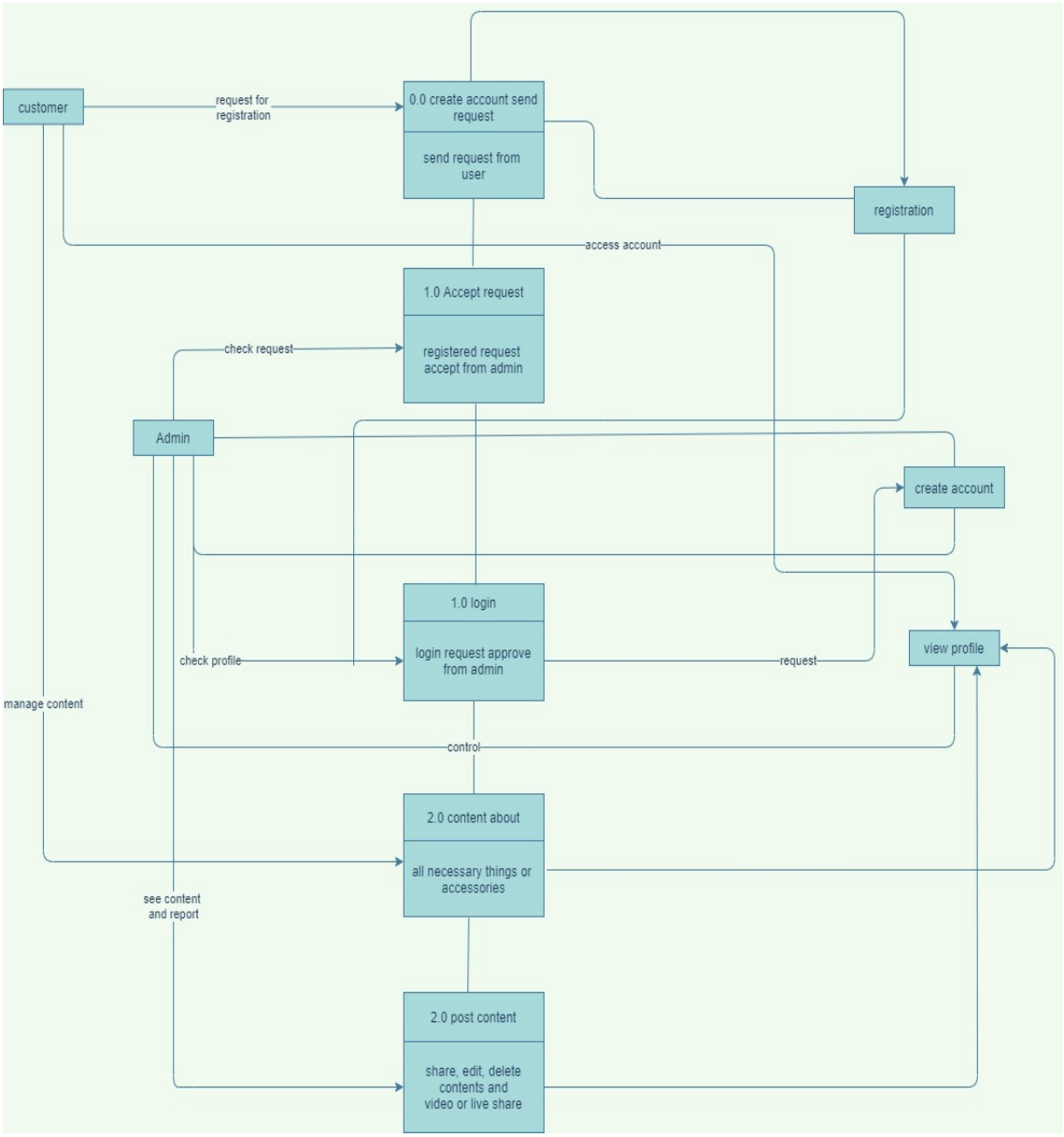
LEVEL-0



Level-1


customer
request for registration
0.0 create account send request
send request from user
registration
access account
Accept request
registered request accept from admin
check request
Admin
create account
login
login request approve from admin
check profile
request
view profile
manage content
control
content about
all necessary things or accessories
see content and report
post content
share, edit, delete contents and video or live share

Level-2


customer
request for registration
0.0 create account send request
send request from user
registration
access account
1.0 Accept request
registered request accept from admin
check request
Admin
create account
1.0 login
login request approve from admin
check profile
request
view profile
manage content
control
2.0 content about
all necessary things or accessories
see content and report
2.0 post content
share, edit, delete contents and video or live share

5 Feasibility

The feasibility of the project is analyze in this phase, business proposal is put forth with a very general plan for the project, and some cost estimates. During system, analysis the feasibility study of the proposed system is to system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

These reasons below should help encourage conducting a proper feasibility study-

- A feasibility study gives focus to the project and points out alternatives.
- A feasibility study narrows business alternatives to the better business decision.
- A feasibility study also identifies new opportunities through the analytical process.
- A feasibility study identifies reasons not to proceed in the business and avoid economical wastes.
- A feasibility study boosts the success probability by early addressing and moderation of some factors that could affect the project latter on.
- A feasibility study provides excellent pieces of information for decision-making.
- A feasibility study supplies documentation to prove that the business venture was thoroughly investigate.

So dear investor, I wish you to make a check now and take the proper process on steps to achieving a great business success. Consult a consultant today and never stop smiling at decisions

6 Project Management

6.1 Project Planning and Scheduling

Project planning is a part of project management, which relates to the use of schedules such as Gantt chart to plan and subsequently report progress within the project environment. Estimation of human resource and material requisite at every stage of the project; and approximate calculative time to complete each of these tasks. Indicates the start and end date of each project task and logical connectivity among various project tasks/activities.

Task Name	Task ID	Starting Date	Ending Date	Duration (days)	Dependencies
Registration	T1	03-10-2020	05-10-2020	3	
Login	T2	06-10-2020	08-10-2020	3	T1
View	T3	09-10-2020	20-10-2020	12	T2
Content Share	T4	01-11-2020	10-11-2020	10	T2
Time	T5	11-11-2020	22-11-2020	12	T3,T4
Marketing	T6	23-11-2020	02-12-2020	10	T3,T4
Permission	T7	03-12-2020	04-12-2020	2	T2,T4,T6
Logout	T8	05-12-2020	06-12-2020	2	T2

7 Conclusion

Our project will play a far- reaching role in reducing unemployment. Those who are interested in creating their own self-employment can easily become entrepreneurial in running a business. Through our project, traders will be able to communicate with each other very easily. In addition to business information, there are many other benefits that a new or experience entrepreneur can take from this project. Which will play a huge role in eliminating unemployment in the country. In this project unemployment people will get their actual view point and also contact to other entrepreneur for their new way find out. As the number of unemployed is increasing day by day in our country, for this reason our project will be very helpful in this situation.