Project Title : **TIMETABLE MANAGEMENT SYSTEM**

(Summer internship M.Sc.(CA & IT))

Submitted By :

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Group ID :- **G-5**

Submitted To

K. S. School of Business Management

M.Sc. - Computer Applications and Information Technology.

INDEX

Acknowledgement

The success and final outcome of this project required a lot of guidance and assistance from many people and we are extremely fortunate to have got this all for our project work. Whatever we have done is only due to such guidance and assistance and we would not forget to thank them.

We respect and thankful to K. S. School Of Business Management, for giving us an opportunity to do the project work and providing us all support and guidance which made us completes the project on time. We are extremely grateful to project guide for providing such a nice support and guidance though she had busy schedule.

We would like to express our gratitude towards Course coordinator Department and our project mentor for their kind co-operation and encouragement, which helped us in this project.

Chapter :-1 Introduction

This project is a web-based system for Timetable management system. Many schools and colleges are facing the problem of making timetable manually. So, it requires more time and efficiency. Thus, a timetable management system helps make it simpler to create timetables and schedule plans as per the college resources. This system is a great help for those who have several tasks at hand and creating a timetable on paper sounds like a tedious task, or if they need a timetable at hand whenever they want. So, this system helps to generate automated timetable making.

1.1 ORGANIZATION PROFILE :

COLLEGE NAME:-	K. S. SCHOOL OF BUSINESS MANAGEMENT
ADDRESS:-	K. S. SCHOOL OF BUSINESS MANAGEMENT GUJARAT UNIVERSITY CAMPUS, AHMEDABAD, GUJARAT-380009.
EMAIL ID:-	ksschool31@yahoo.co.in
CONTACT NO:-	+ (079) 26305972
ORGANIZATION WEBSITE:-	YES

1.2 SYSTEM DETAILS:

1.2.1 EXISTING SYSTEM:

A college have online website but don't have any automated system for making timetable. They make timetable manually post the pdf of their timetable on the college website. Thus, they are facing some problems of this existing system like:

- As we discussed earlier that manual maintenance of a Time Table Management System is a tedious job.
- Manual maintenance of databases of items, time table processing is a time taking process.
- It is very complex thing to making timetable manually.
- Sometimes human errors are there.

1.2.2 PROPOSED SYSTEM:

In the Proposed system we providing facility of generation of automated timetable for the college. Thus "Timetable Management system" is aim an automated system which generates timetable according to the data given by the admin. The system requires to enter all the details about subjects, timing of labs, total no. of period, workload of the faculty etc. Then the application will generate the timetable according to your requirements.

1.3 SCOPE OF THE SYSTEM:-

This system helps students to find proper timetable with the accuracy and faculty is clear about their time table if there is any change in the timetable, they update the timetable. Our aim is to avoid miscommunication between student and faculty regarding timetable.

- This system is limited to the college.
- Faculty and admin can create/update the timetable.
- Student only view the timetable.
- Lab operator has only privilege to view the timetable.
- Faculty can view class wise timetable and faculty time table.

1.4 OBJECTIVES:-

1. Convenience:

   The most obvious and most potent reason behind having a timetable management system is convenience. Instead of creating a timetable on paper that can get lost or misplaced, and the creation which is time-consuming, a timetable maker makes the whole process convenient for the students and faculties.

2. Saves Time:

   One of the main complaints about creating a timetable is that it takes a lot of time to prepare. This is because they have to create a format for the same and then fit all the subjects/activities for the same on it. So, this system helps to create pre drafted timetable and admin/faculty can easily create/edit it.

3. Enables Easier Work Distribution for Teachers:

   With the help of the timetable, the co-ordinator can keep track of the workload assigned to each teacher working under them. It effectively gives a summary of the work given to them. The co-ordinator will get to know, at a glance, the amount of work that every teacher is supposed to do hence avoiding the allotment of too much or too little work to one teacher.

4. Helps Allocate Adequate Time for Different Subjects:

   The timetable offers space for emphasis on subjects and activities in the college as per their relative difficulty or importance. This is essential for the all-around development of the pupils. This ensures that while the more important activities and subjects get more attention and time, the less important ones are not neglected at all.

5. Easily change in the timetable:

   A well-planned timetable indicates what kind of curricular and co-curricular activities are being conducted in school at a particular time and place. It also shows which teacher will be taking the class or who is presiding over the activities as they are being conducted.

6. Helps Plan out the Day/Month/Year:

In the short term, creating a timetable is one of the best ways to plan out lessons for students and help them plan out their day effectively. However, the use of timetables does not stop here. Timetables are used by teachers and administrators too. Teachers use timetables to make sure they know which class to go to after each one, while administrators use timetables to make sure that every activity in the school is taking place as planned.

Chapter:-2 Proposed System Requirement Gathering

Every Software project goes through a phase called Requirements Gathering. A successful project begins with a difficult set of discussions on what should be done. It's the major responsibility of IT Business Analyst to gather the Requirements from the clients. Getting the correct requirements from the client can often be one of the biggest hurdles in any software project. If Business Analyst gathers correct and complete requirements, the projects will yield richer crops.

2.1 STAKEHOLDERS OF THE SYSTEM:-

1. ADMIN:-

- Admin can **make the timetable** according to year wise and available class and lab resources.
- Admin can **modify the timetable** according to extra-curricular like seminar or day celebration or the leave of faculty and arrange proxy lecture.
- Admin can **distribute the subject** to the faculty and load timetable year wise.
- Admin **can manage the workload** of the faculty.
- Admin **avoid conflict of the faculty** by assigning one lecture at the time.
- Admin **can make a Timetable pre drafted timetable**.
- Admin **can upload the Timetable**.
- Admin **can download the Timetable** in Pdf format.

2. Faculty:

- Faculty can **check subject, view subject distribution and also check year wise details**.
- Faculty **can view own and full timetable and also class and year wise timetable**.
- Faculty **can edit/update the Timetable** and arrange the extra lectures.
- Faculty **can make a Timetable pre drafted timetable**.
- Faculty **can download/upload the Timetable** in Pdf format.
- Faculty can **view their workload**.
- Faculty can **check conflict of lecture**.

3. **Student:**

- Students **can view the timetable** (Regular lectures, lab, extra lectures).
- Students **can download the timetable** in Pdf format.

4. Lab Operator:

- Lab operator **can view and download** the timetable in Pdf format.

2.2 REQUIREMENT GATHERING TECHNIQUE USED:-

Requirement Gathering Technique is critical to necessary facts to build the require database application. These facts are capture by using fact-finding techniques.

⇒ Observation :-

The observation is the best technique to detect the problems and make solutions. For Timetable management system college facing following problems:

- Takes lots of time:

  When you are creating timetable manually then it takes lot of time and effort for creating the timetable.

- Mismanagement:

  If timetable contains any human error, then it may lead to mismanagement.

- Increase Workload:

  For making non-auto generated timetable it increases the workload of the person who make the timetable.

- Takes more time to update timetable:

  For manual timetable creation it takes more time to update the timetable. Sometimes it become hectic for student and faculty.

- Decrease productivity:

  Manual timetable decreases productivity of the person because it gives more stress.

2.3 CONSOLIDATED LIST OF REQUIREMENTS:-

- System must be user friendly.
- System must be interactive.
- System should have security.
- System must provide Real time updates.
- It should be easily customizable.
- It should be considered college regulations.

2.4 PROJECT DEFINITION:-

"Timetable Management system" is provide an interactive and user-friendly environment which aim an automated system which generates timetable according to the data given by the admin. The system requires to enter all the details about subjects, timing of labs, total no. of period, workload of the faculty etc. Then the application will generate the timetable according to your requirements.

Chapter:- 3 System Management and Planning

Developing any system for achieving the purposes the first step is analysis, planning according to requirement which we gathered from various sources and using different techniques in system management and planning following thing is included:

3.1 FEASIBILITY STUDY :-

The main aim of the feasibility study is to determine that it would be financially and technically feasible to develop the System. The purpose of feasibility study is not to solve the problem, but to determine whether the problem is worth solving.

3.1.1 TECHNICAL STUDY:-

The Technical Feasibility study compares the level of technology available in the software development firm and the level of technology required for the development of the product. Here the level of technology consists of the programming language, the hardware resources, other software tools etc. Internet is required to the system.

In Our System Technical Feasibility Is Ensured in The Following Factors:

- Availability of Servers of the JAVA.
- One of The Most Effective Quality Assurance Mechanisms Can Be Applied from The Inception of a Project with This.
- The Hierarchy of Technical work within the Software Process is Activities, Economizing Actions Populated by task
- The facility to produce output in given time.
- Response time under certain condition.
- A valid verified user ID is required to faculty and admin of the system.
- It just requires windows operating system and normal browser to use our system.
- No extra ordinary gadgets are requiring for our system.

3.1.2 ECONOMICAL STUDY:-

The Economic Feasibility Studies Evaluate the cost of the software development against the ultimate income or benefits gets from the developed system.

There must be scopes for profit after the successful Completion of the project.

- Our system is not much costly to develop.
- It is easy to understand therefor there is no need to appoint any operator to use the system.
- Organization is ready to invest in proposed system because it is being developed in latest Technology and will be very fast for the users to transfer or share the information using the system.
- Additional Investment is not needed in developing tools because of JAVA language.

3.1.3 OPERATIONAL STUDY:-

Operational Feasibility is a Measure of how we will propose system solves the problems, and takes advantage of the opportunities identified during scope of definition and how it satisfies the requirements identified in the requirements analysis phase of system development. It is checked that The Systems Actually Can Be Useful When Implemented.

=> Our System Is Operationally Feasible in The Following Ways:

- Our System is very easy to use without any training.
- Easy to Operate.
- Our system having common language So Learners Can Easily Understand the System, So It Provides Ease of Access.

3.2 HARDWARE – SOFTWARE REQUIRMENT:-

❖ HARDWARE REQUIREMENT:-

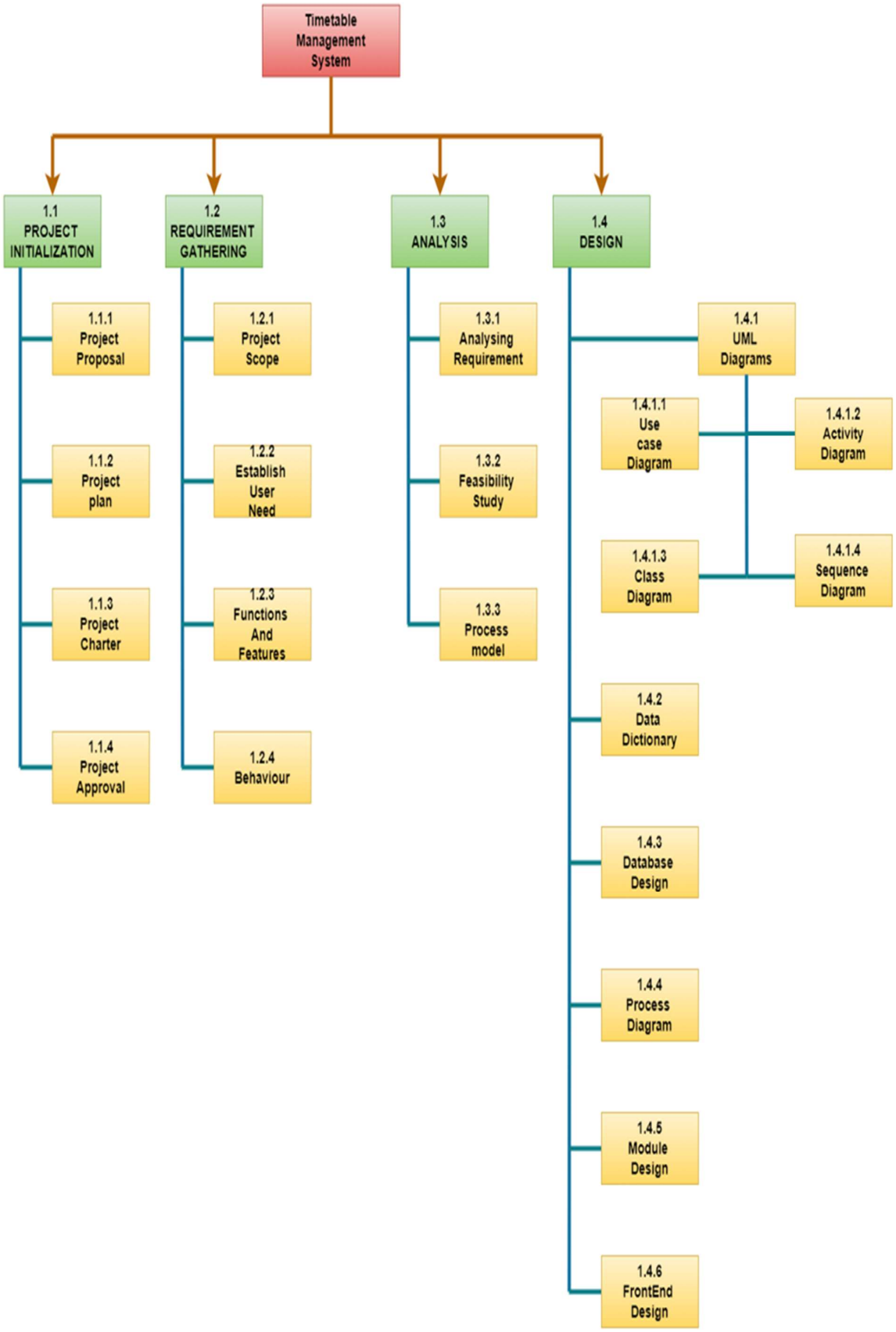
PROCESSOR	QUAD CORE OR HIGHER
HARD-DISK	Minimum 500 GB
RAM	Minimum 2 GB

❖ SOFTWARE REQUIREMENT:-

FRONTEND	• HTML • CSS • JAVASCRIPT • BOOTSTRAP
BACKEND	• JAVA
DATABASE	• MYSQL
OPERATING SYSTEM	• WINDOWS 7 OR MORE
TOOLS	• Eclipse
BROWSER	• CHROME

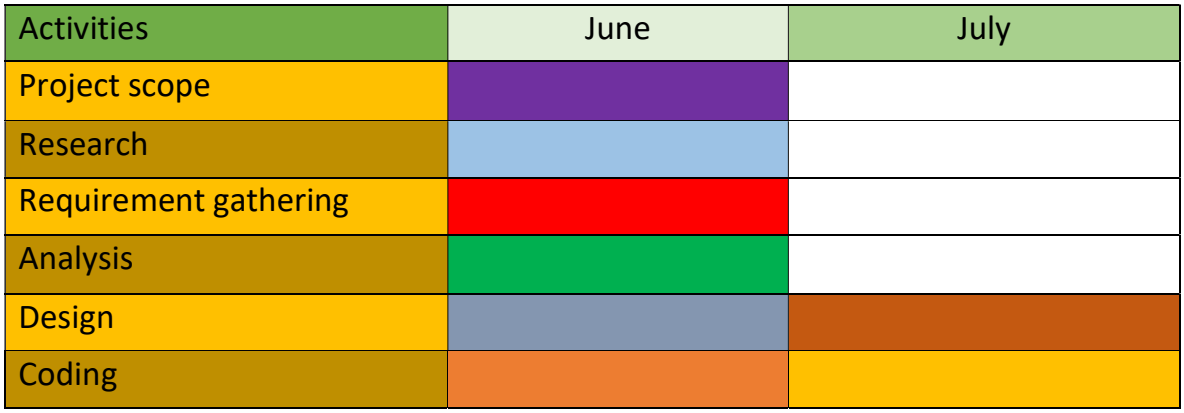
3.3 SYSTEM PLANNING :-

3.3.1 WORK BREAKDOWN STRUCTURE:-


Timetable Management System
1.1 PROJECT INITIALIZATION
1.2 REQUIREMENT GATHERING
1.3 ANALYSIS
1.4 DESIGN
1.1.1 Project Proposal
1.1.2 Project plan
1.1.3 Project Charter
1.1.4 Project Approval
1.2.1 Project Scope
1.2.2 Establish User Need
1.2.3 Functions And Features
1.2.4 Behaviour
1.3.1 Analysing Requirement
1.3.2 Feasibility Study
1.3.3 Process model
1.4.1 UML Diagrams
1.4.1.1 Use case Diagram
1.4.1.2 Activity Diagram
1.4.1.3 Class Diagram
1.4.1.4 Sequence Diagram
1.4.2 Data Dictionary
1.4.3 Database Design
1.4.4 Process Diagram
1.4.5 Module Design
1.4.6 FrontEnd Design

3.3.2 GANTT CHART:-

Gantt charts are useful for planning and scheduling projects. They help you assess how long a project should take. Determine the resources needed and plan the order in which you will complete tasks. They are also helpful for managing the dependencies between tasks.



3.4 PROCESS MODEL:-

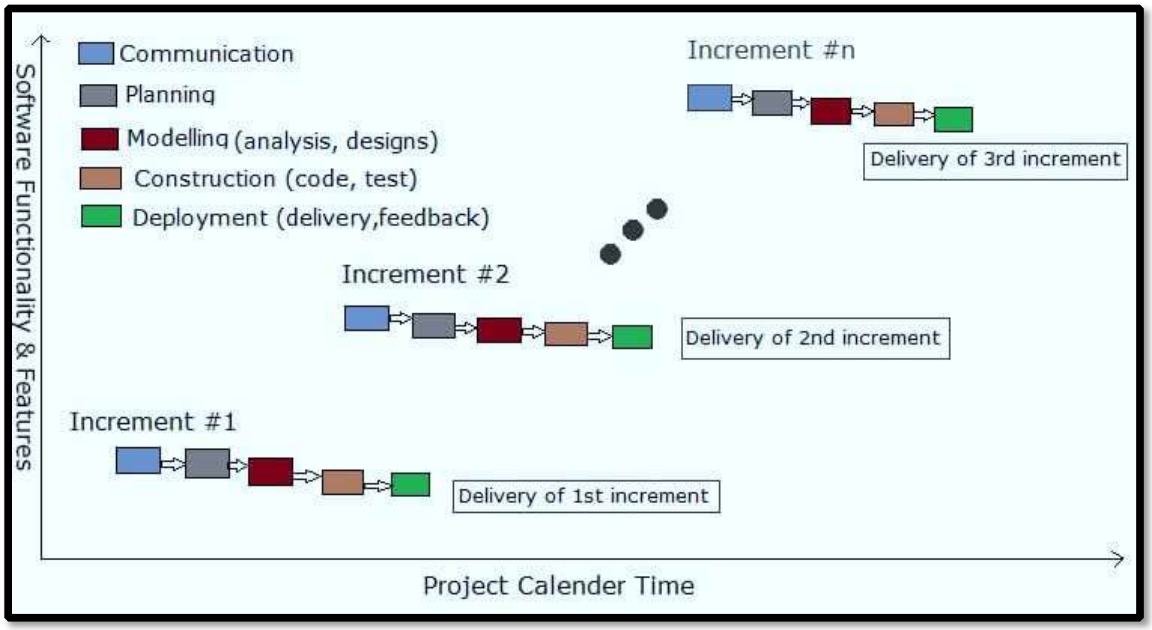
As new requirements can arise in future incremental models are used. With the help of it we can fulfil maximum user requirements. In every increment the needs of the client are kept in mind and more features and functions are added. These increments Form a base for customers evaluation. Many features can be added after the development of the system that serves the main purpose. If there is less number of employees to work on the project Incremental Development model is very useful to complete the project before the deadline.

➡ INCREMENTAL MODEL:

Incremental Model in software engineering is a one which combines the elements of waterfall model which are then applied in an iterative manner. It basically delivers a series of releases called increments which provide progressively more functionality for the client as each increment is delivered.

In Incremental Model of software engineering, waterfall model is repeatedly applied in each increment. The incremental model applies linear sequences in a required pattern as calendar time passes. Each linear sequence produces an increment in the work.

The first increment is often a core product where the basic requirements are addressed and the supplementary features are added in the next increments. The core product is used & evaluated by the client. Once the core product is evaluated by the client there is plan development for the next increment. Thus, in every increment the needs of the client are kept in mind & more features and functions are added and the core product is updated. This process continues till the complete product is produced.



The increments earlier to the main increment are called as "stripped down" versions of the final product. These increments form a base for customer evaluation. On this basis client can suggest new requirements if required.

ADVANTAGES OF INCREMENTAL MODEL :

- Initial product delivery is faster.
- Lower initial delivery cost.
- Core product is developed first i.e., main functionality is added in the first increment.
- After each iteration, regression testing should be conducted. During this testing, faulty elements of the software can be quickly identified because few changes are made within any single iteration.
- It is generally easier to test and debug than other methods of software development because relatively smaller changes are made during each iteration. This allows for more targeted and rigorous testing of each element within the overall product.
- With each release a new feature is added to the product.
- Customer can respond to feature and review the product.
- Risk of changing requirement is reduced.
- Work load is less.

DISADVANTAGES OF INCREMENTAL MODEL:-

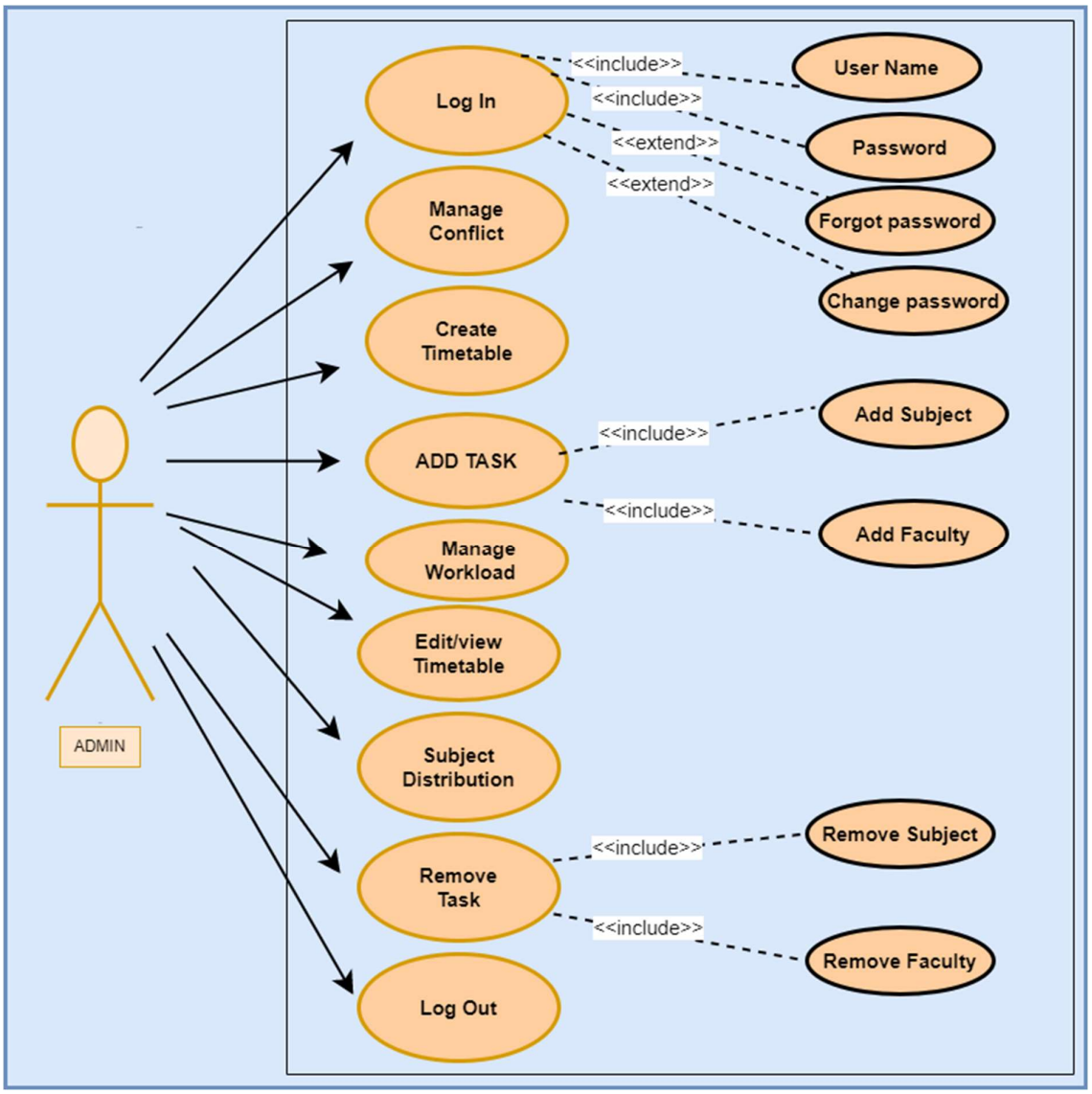
- Requires good analysis.
- Resulting cost may exceed the cost of the organization
- Each phase of an iteration is rigid and do not overlap each other.
- As additional functionality is added to the product, problems may arise related to system on architecture which were not evident in earlier Prototypes.

Chapter:- 4 System Analysis And Design

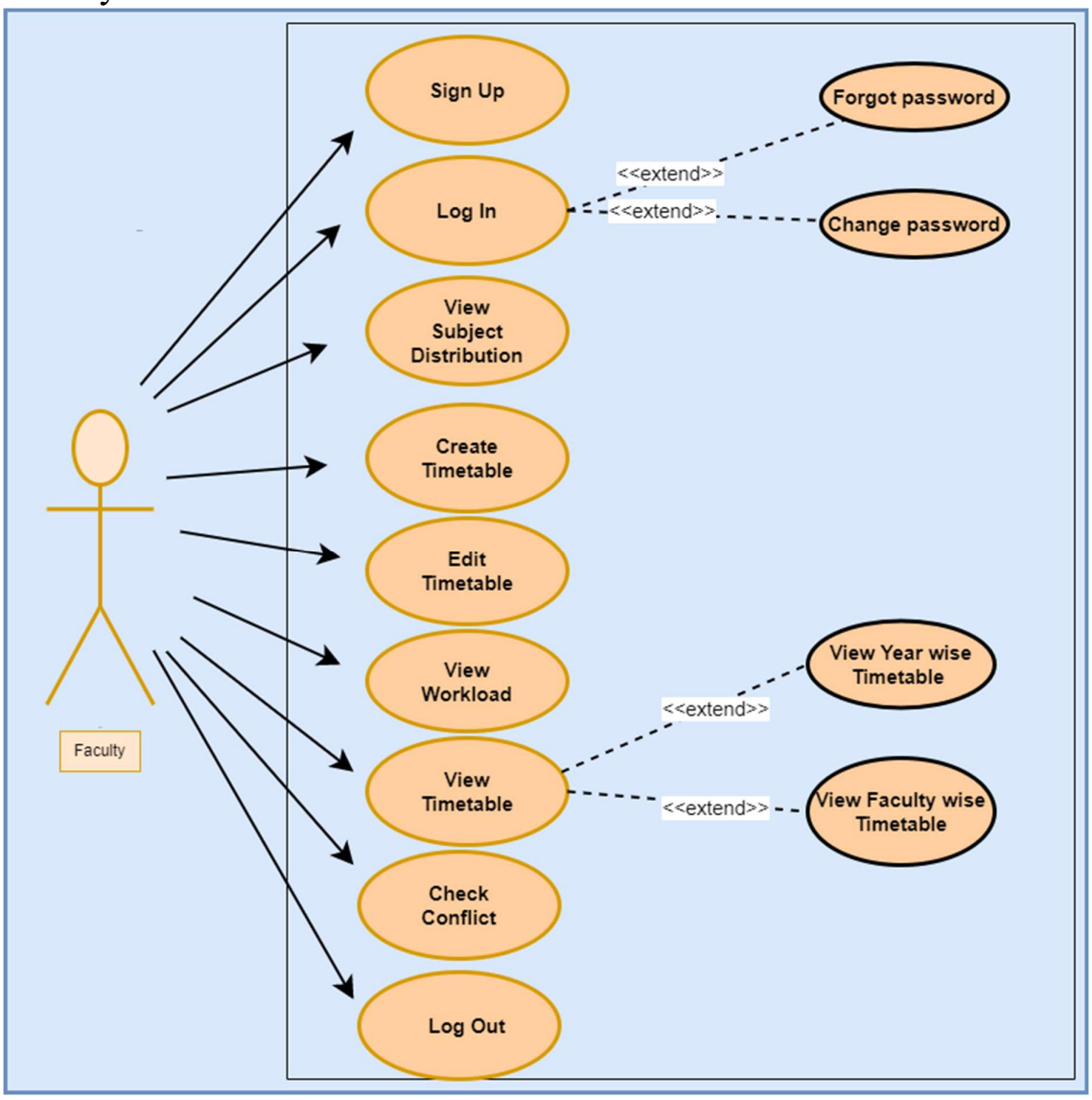
4.1 UML (Unified Modeling Language) :-

1) Use Case Diagram:-

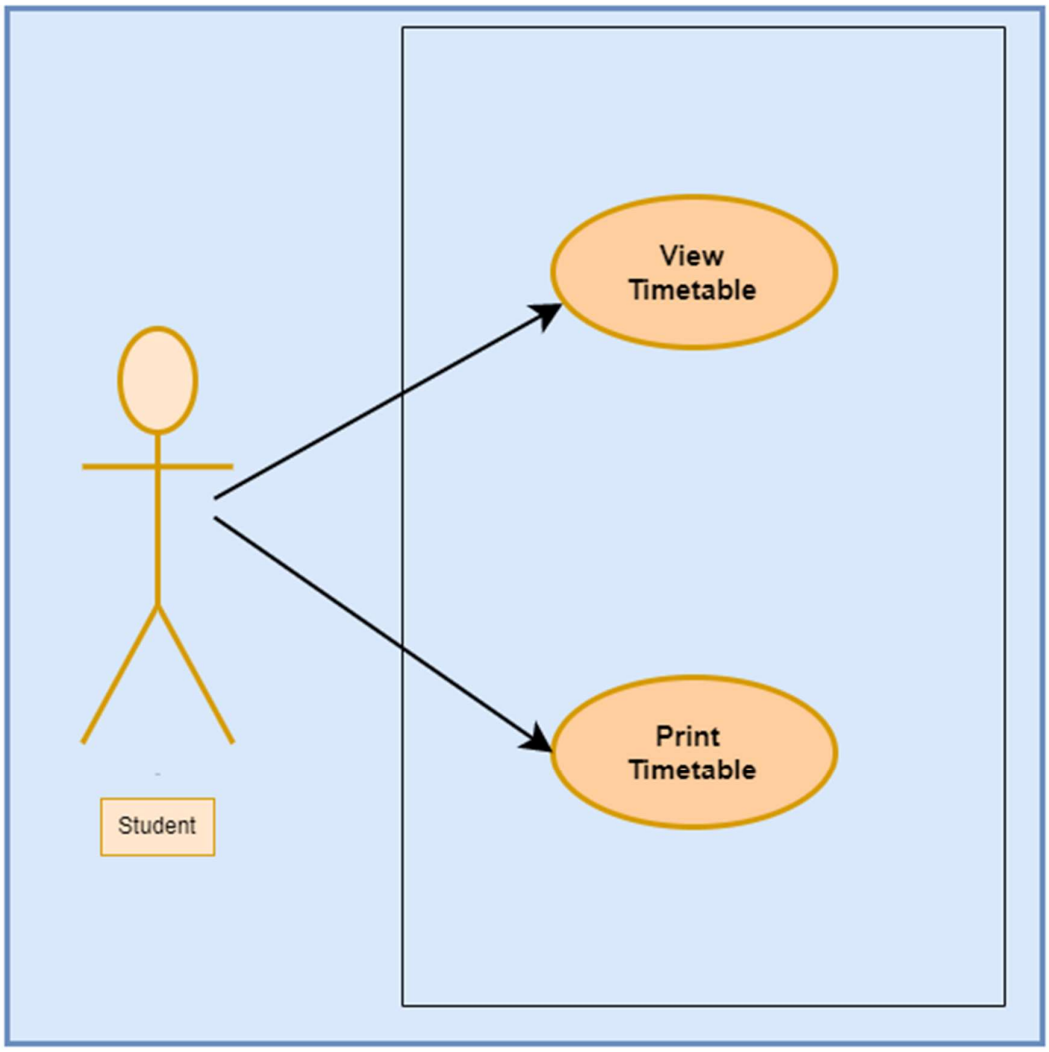
⇒ Admin



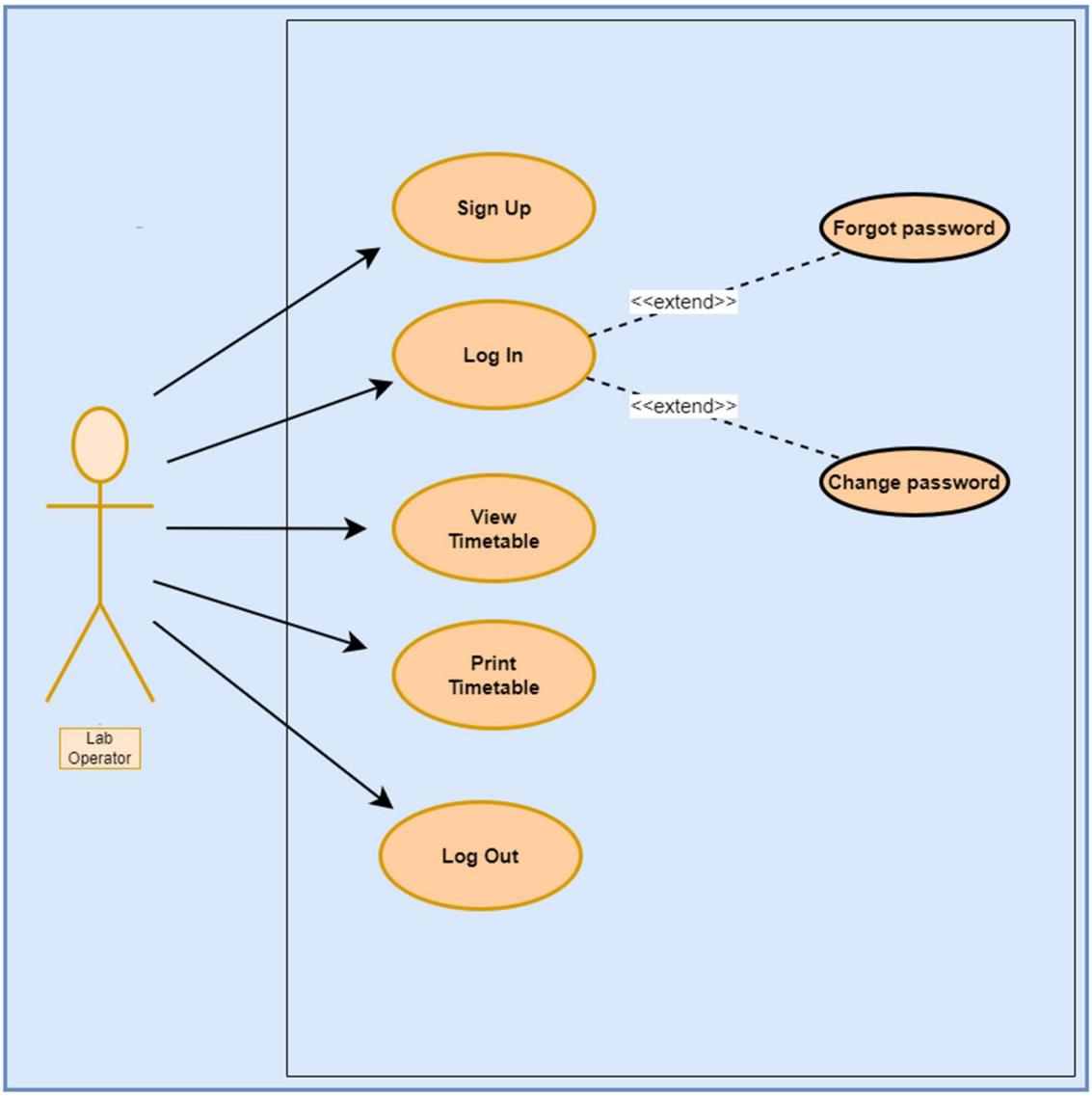
⇒Faculty


Sign Up
Forgot password
Log In
<<extend>>
<<extend>>
Change password
View Subject Distribution
Create Timetable
Edit Timetable
View Workload
View Year wise Timetable
<<extend>>
View Timetable
<<extend>>
View Faculty wise Timetable
Check Conflict
Log Out
Faculty

⇒ Student

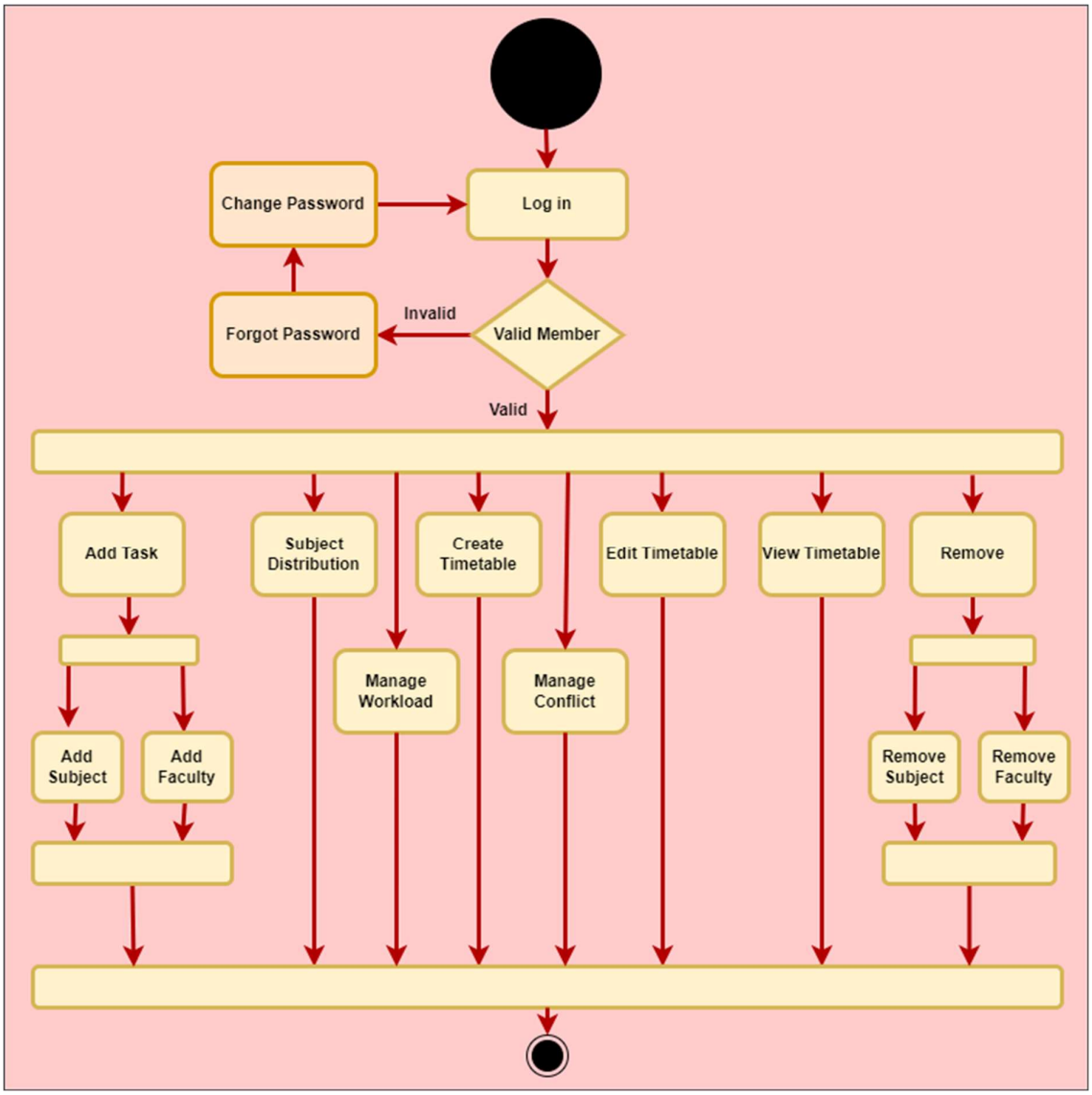


⇒Lab operator

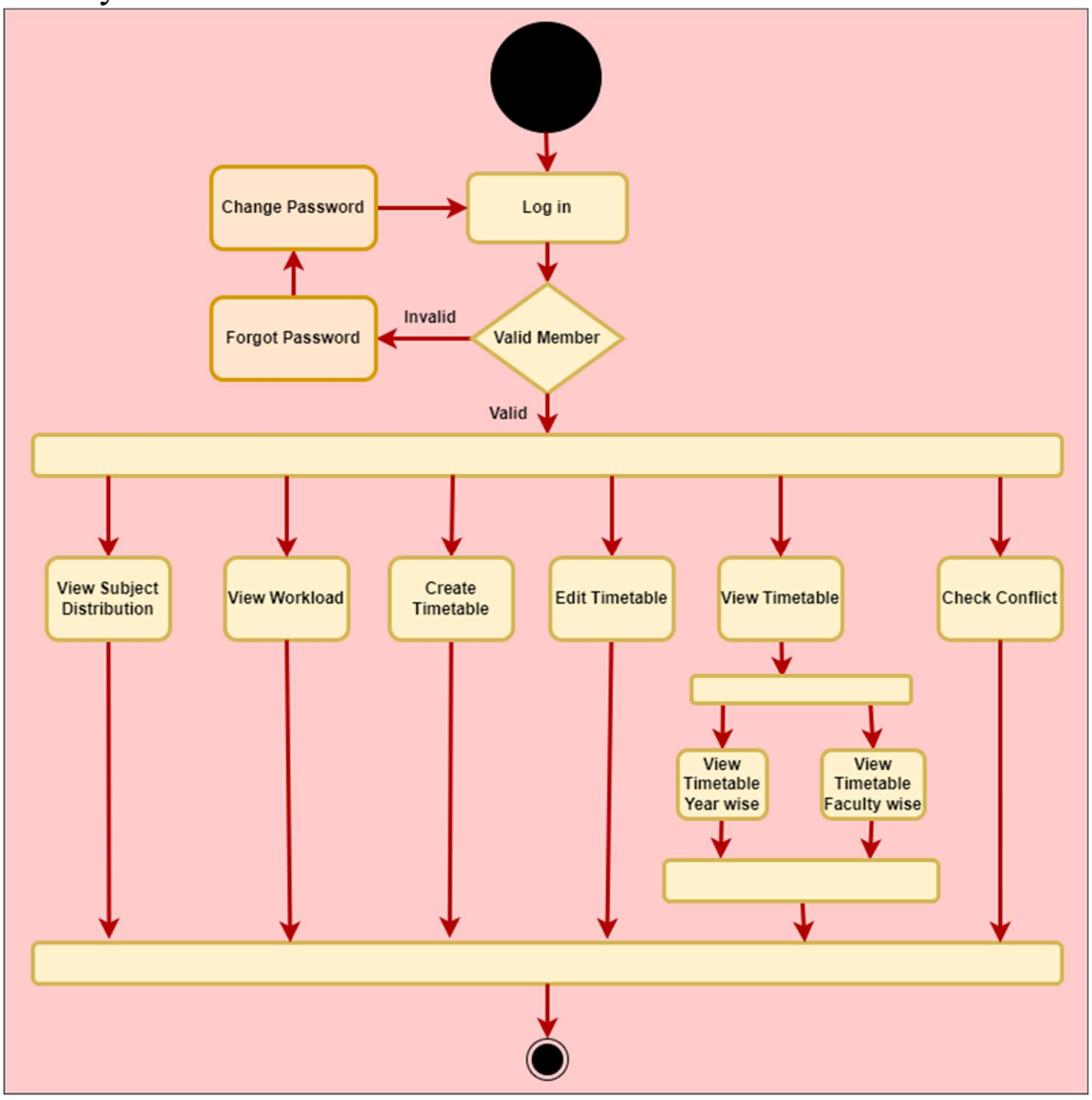


2) Activity Diagram:-

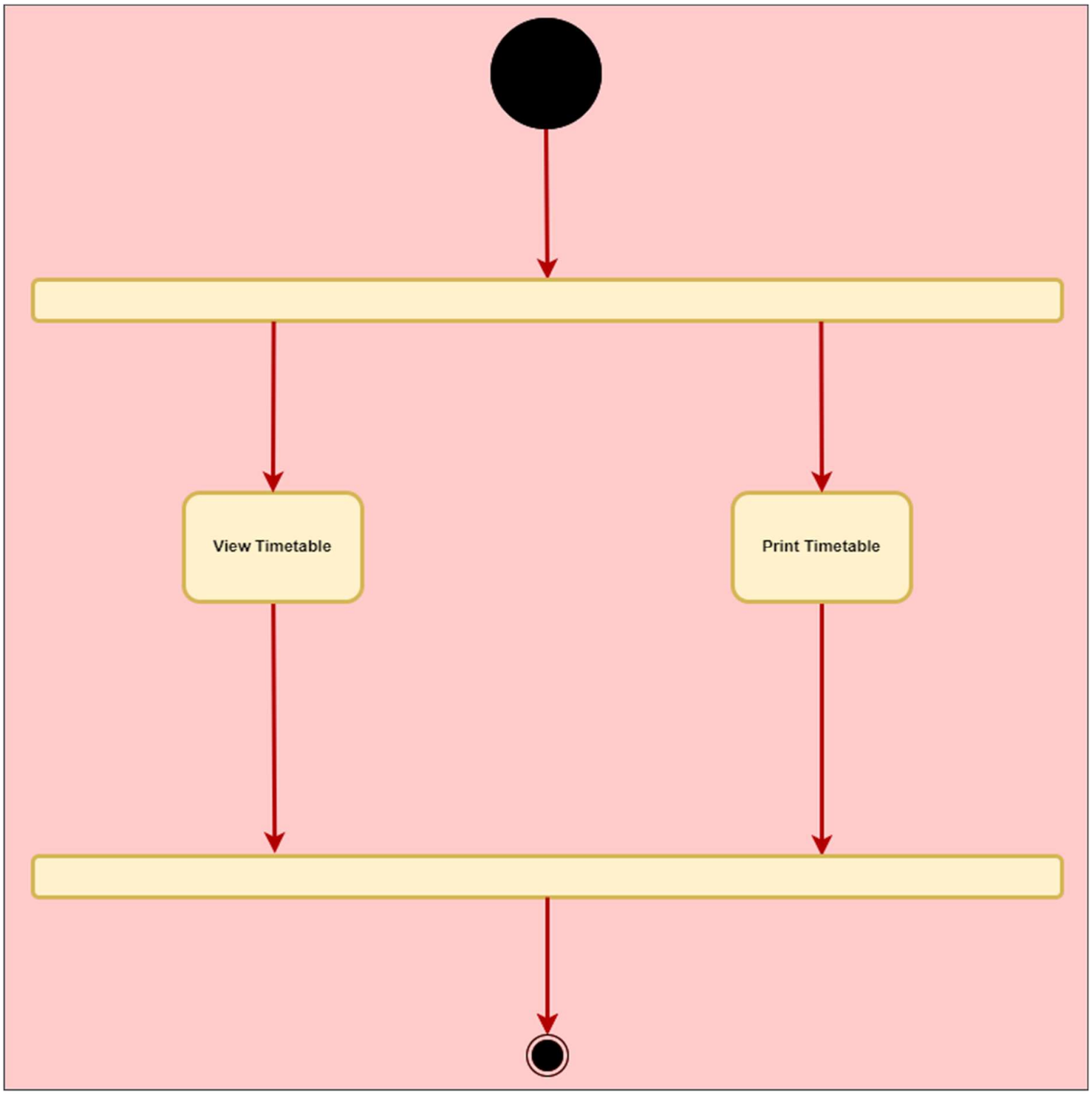
⇒ Admin



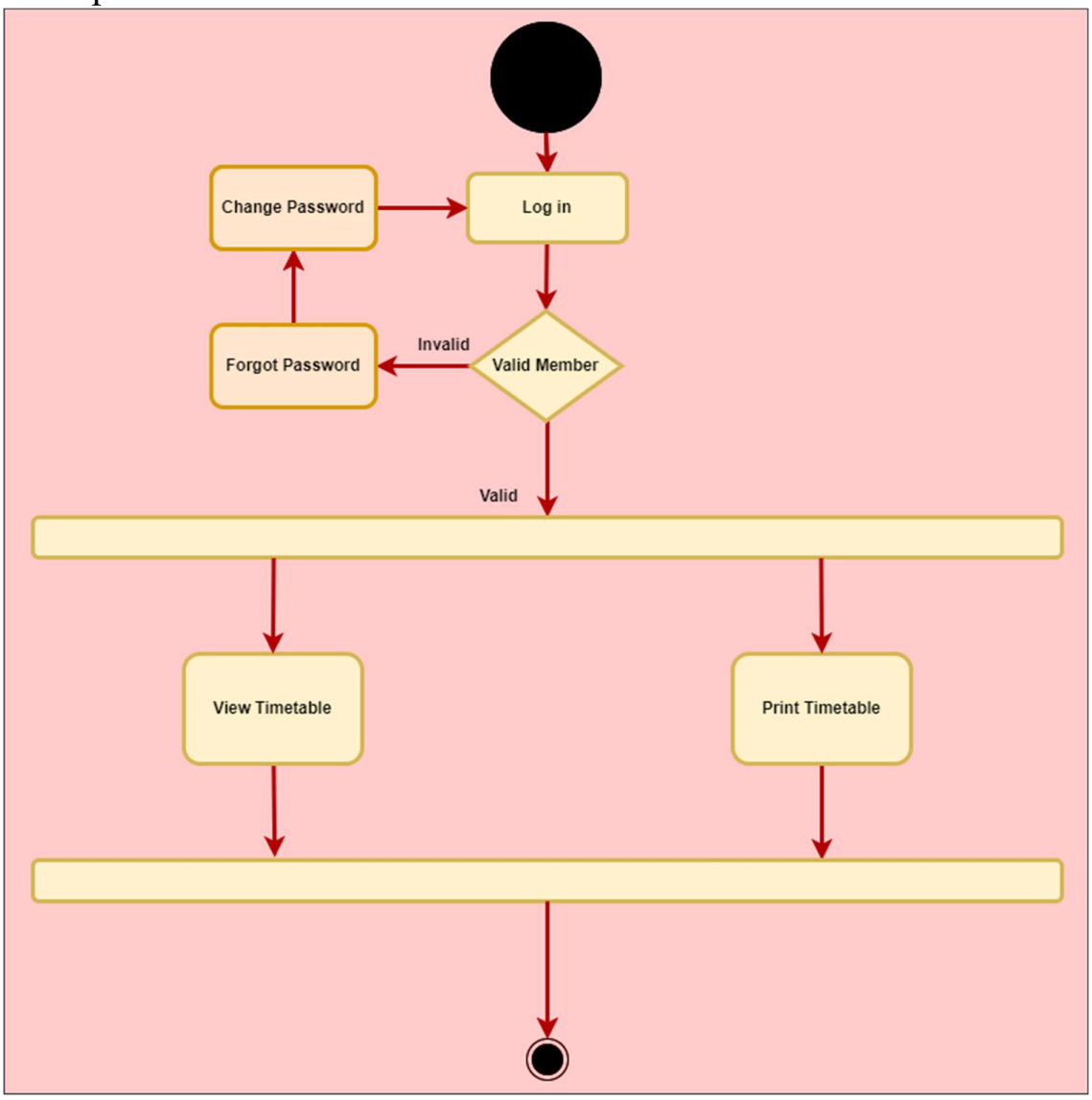
⇒Faculty


Change Password
Log in
Forgot Password
Invalid
Valid Member
Valid
View Subject Distribution
View Workload
Create Timetable
Edit Timetable
View Timetable
Check Conflict
View Timetable Year wise
View Timetable Faculty wise

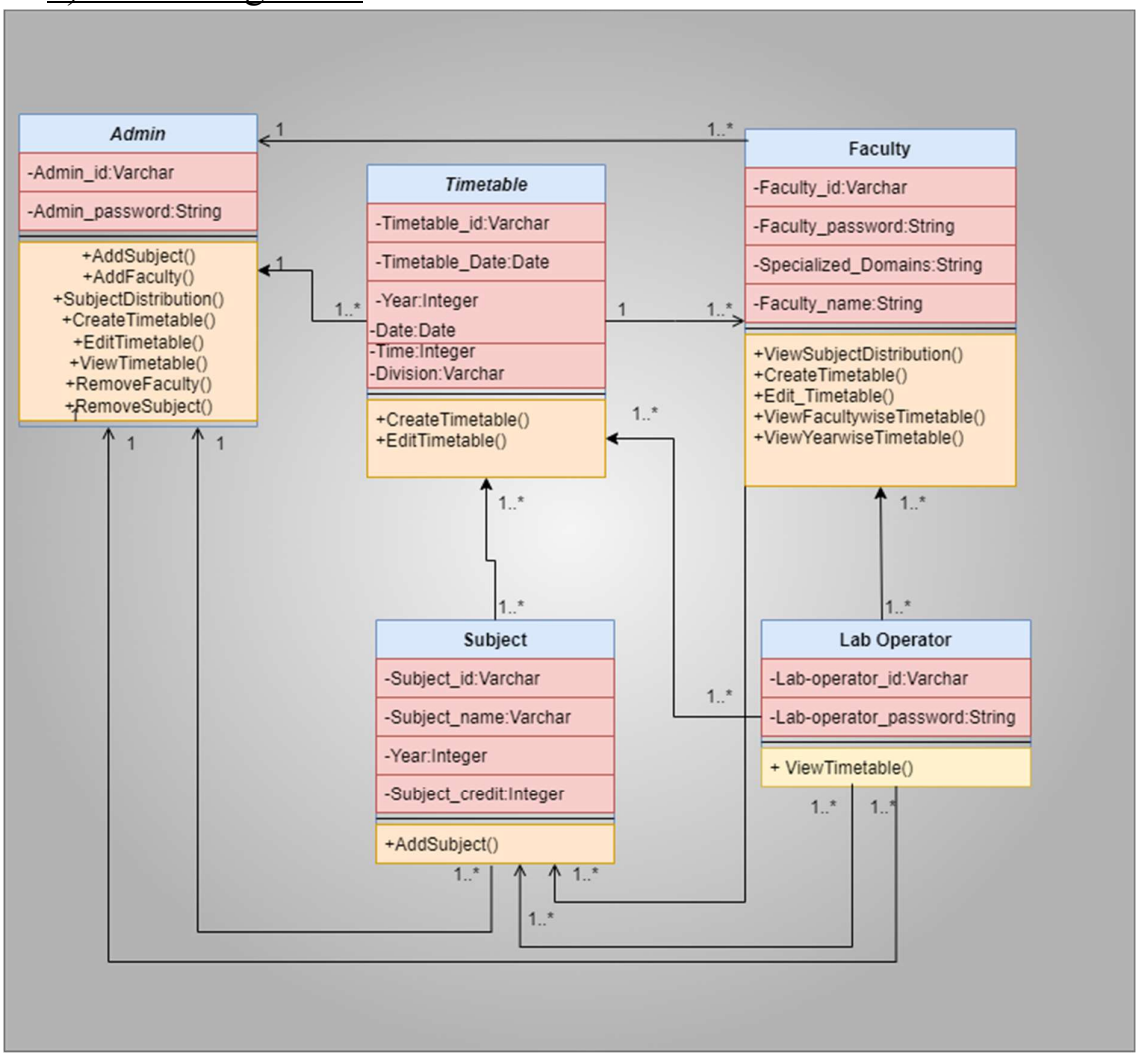
⇒Student



⇒Lab operator

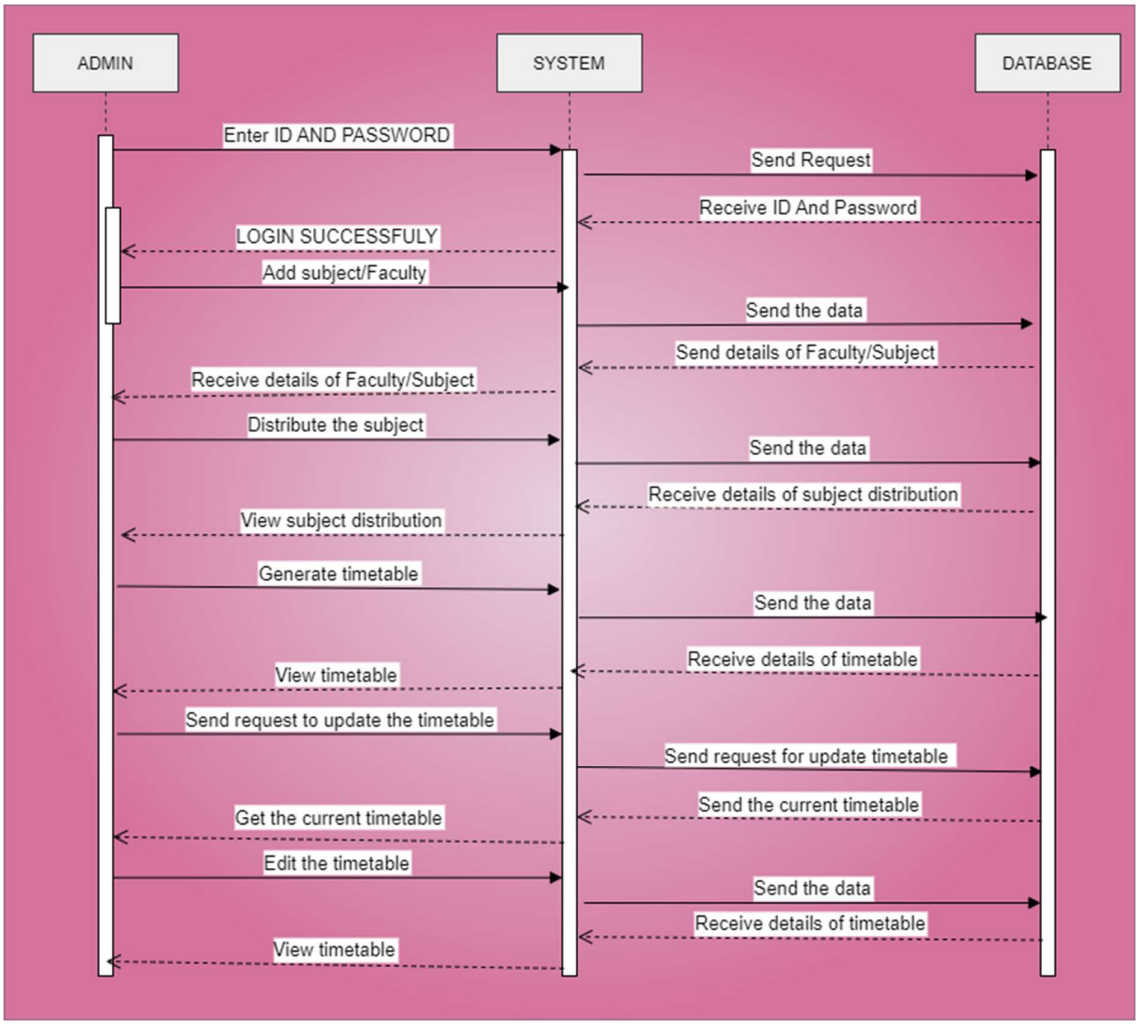


3) Class Diagram :-

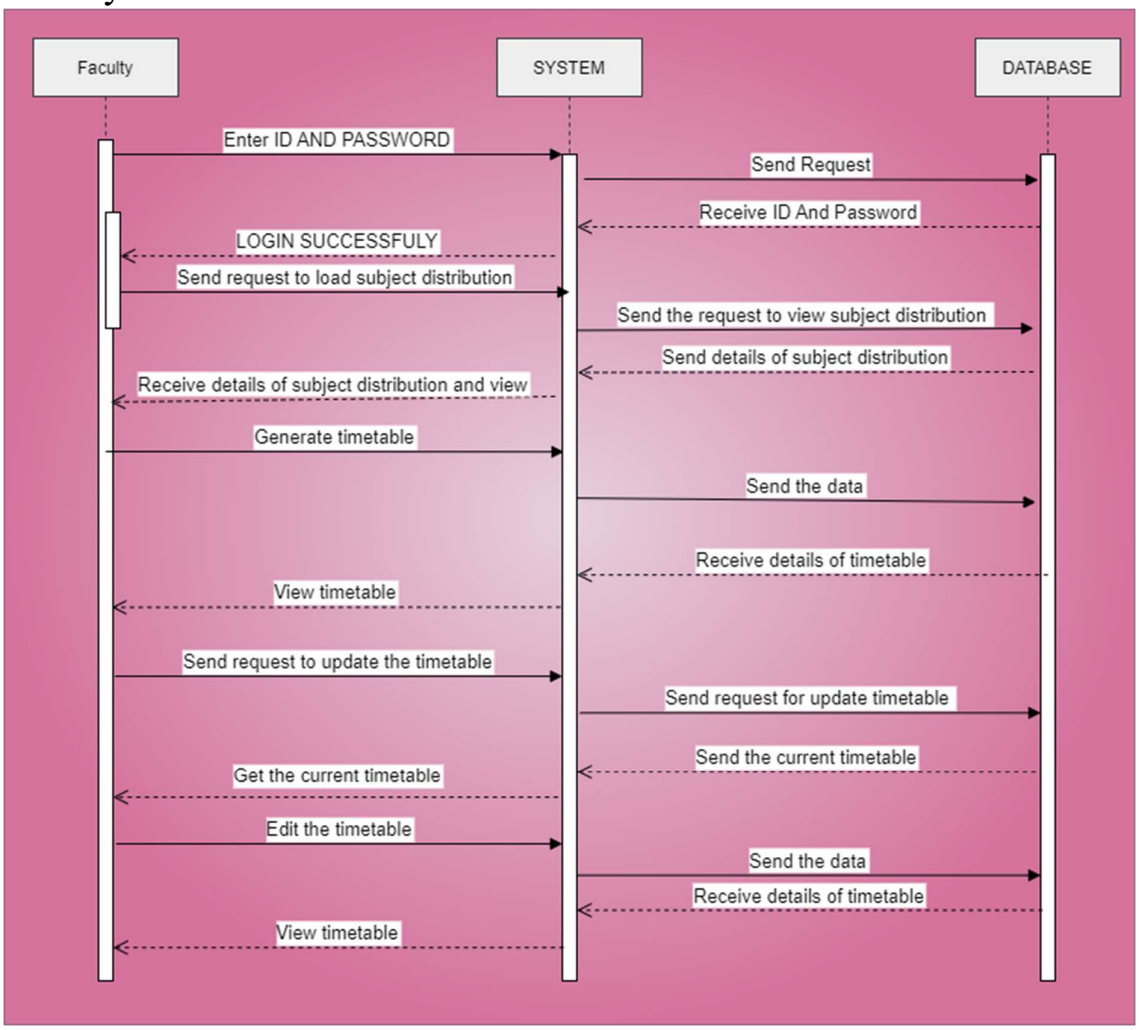


4) Sequence Diagram :-

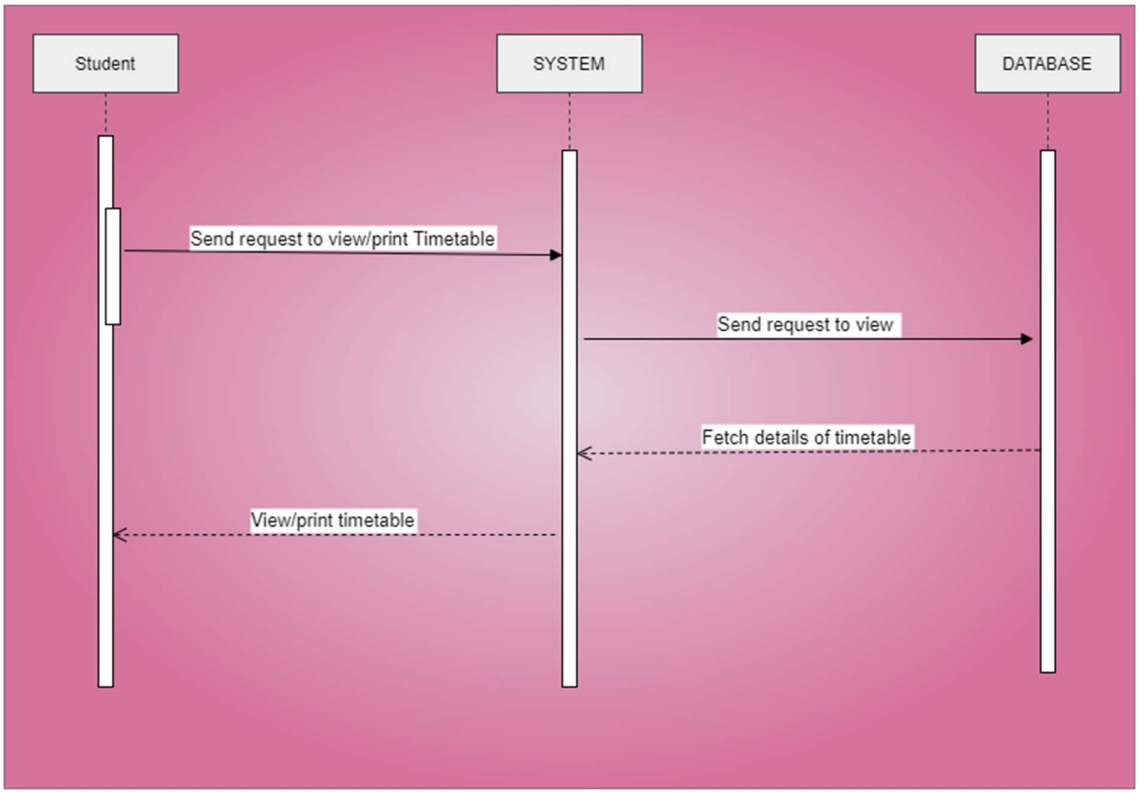
⇒ Admin



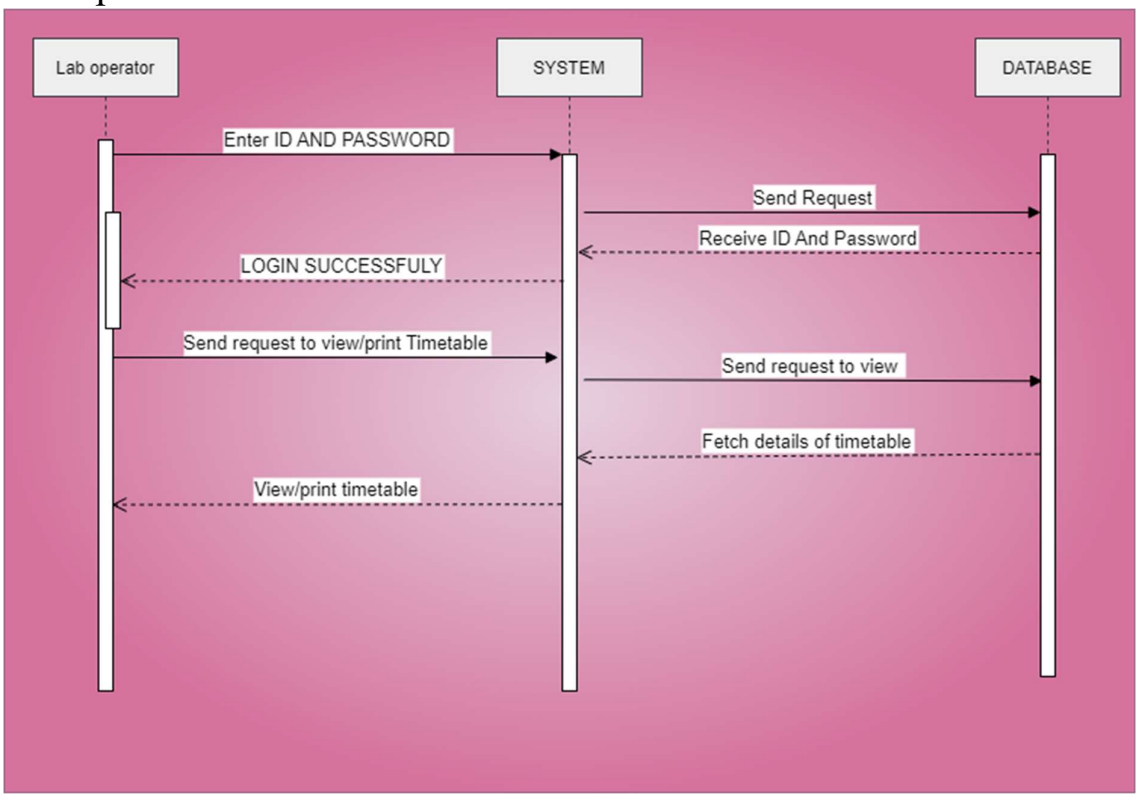
⇒Faculty


Faculty
SYSTEM
DATABASE
Enter ID AND PASSWORD
Send Request
Receive ID And Password
LOGIN SUCCESSFULY
Send request to load subject distribution
Send the request to view subject distribution
Send details of subject distribution
Receive details of subject distribution and view
Generate timetable
Send the data
Receive details of timetable
View timetable
Send request to update the timetable
Send request for update timetable
Send the current timetable
Get the current timetable
Edit the timetable
Send the data
Receive details of timetable
View timetable

⇒ Student

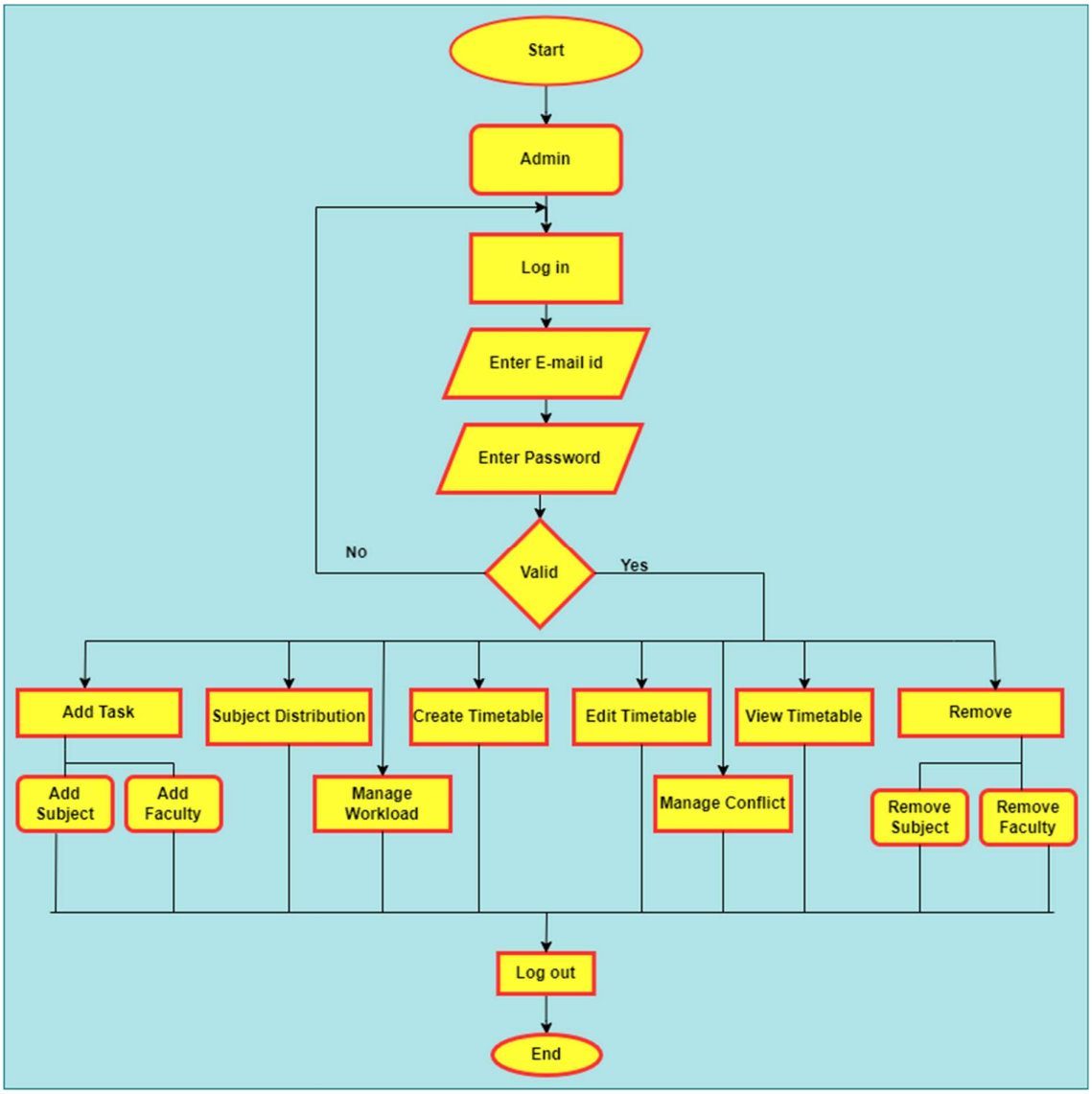

Student
SYSTEM
DATABASE
Send request to view/print Timetable
Send request to view
Fetch details of timetable
View/print timetable

⇒Lab operator

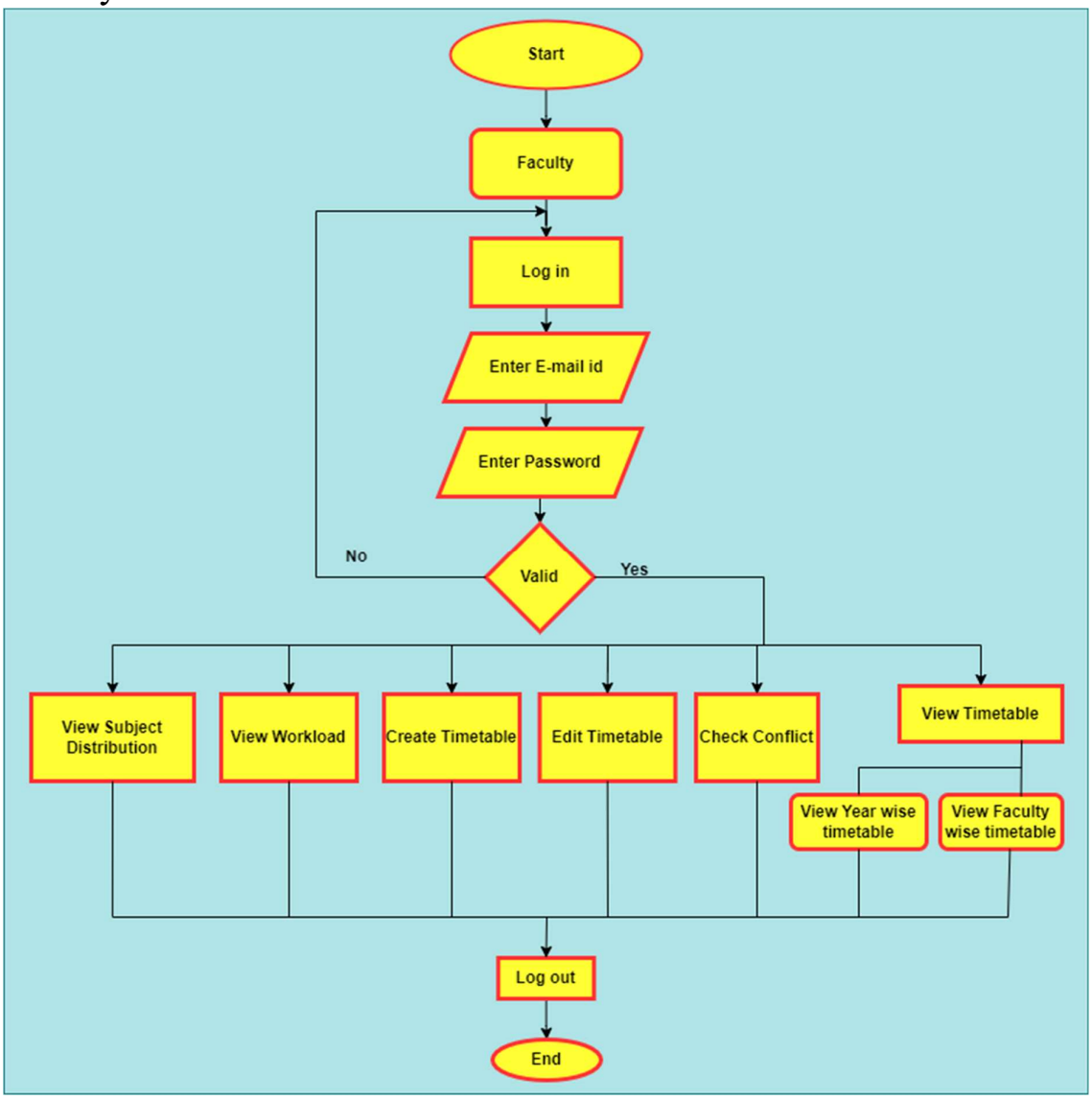


4.2 SYSTEM FLOW DIAGRAM :-

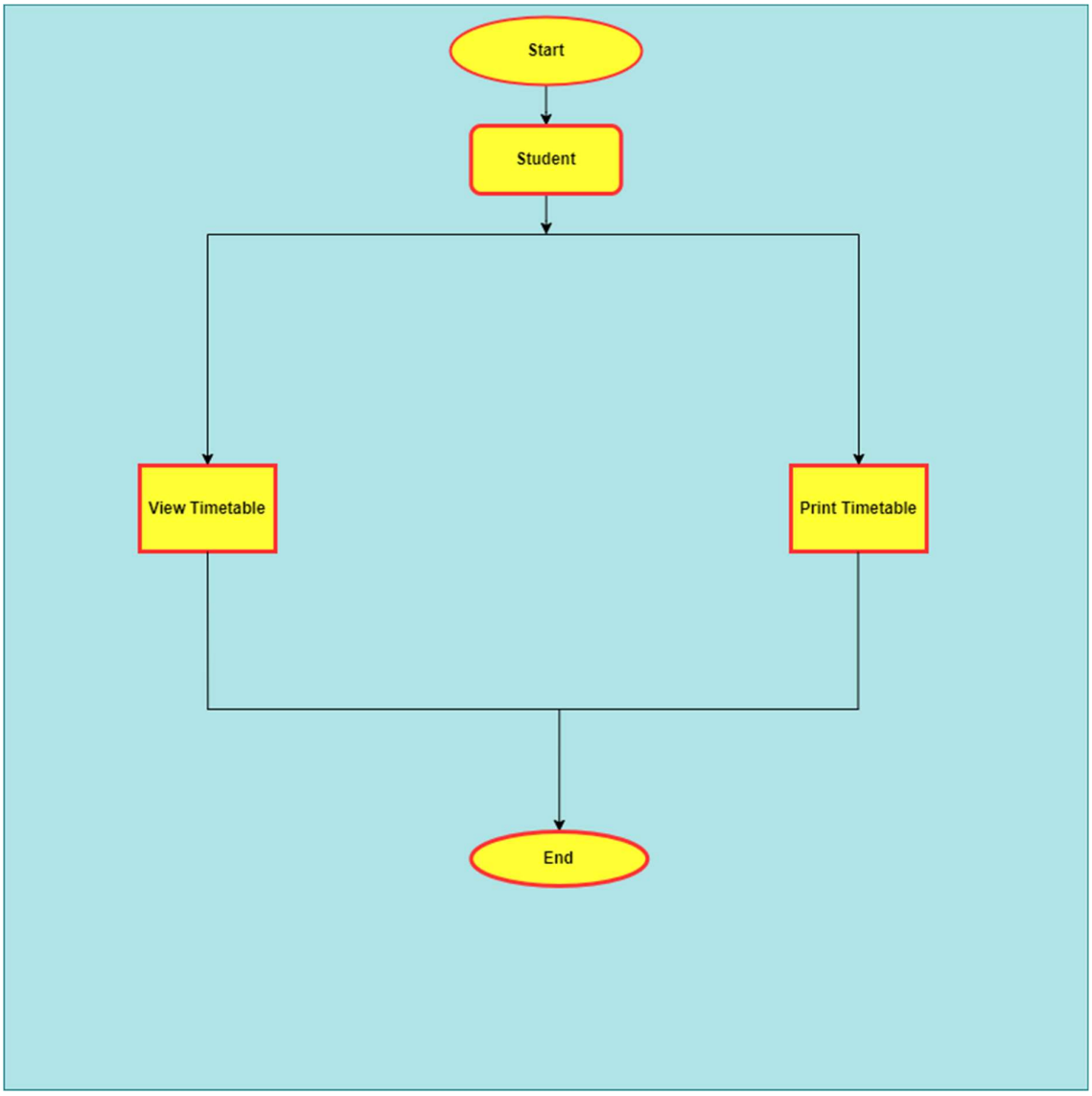
⇒ Admin



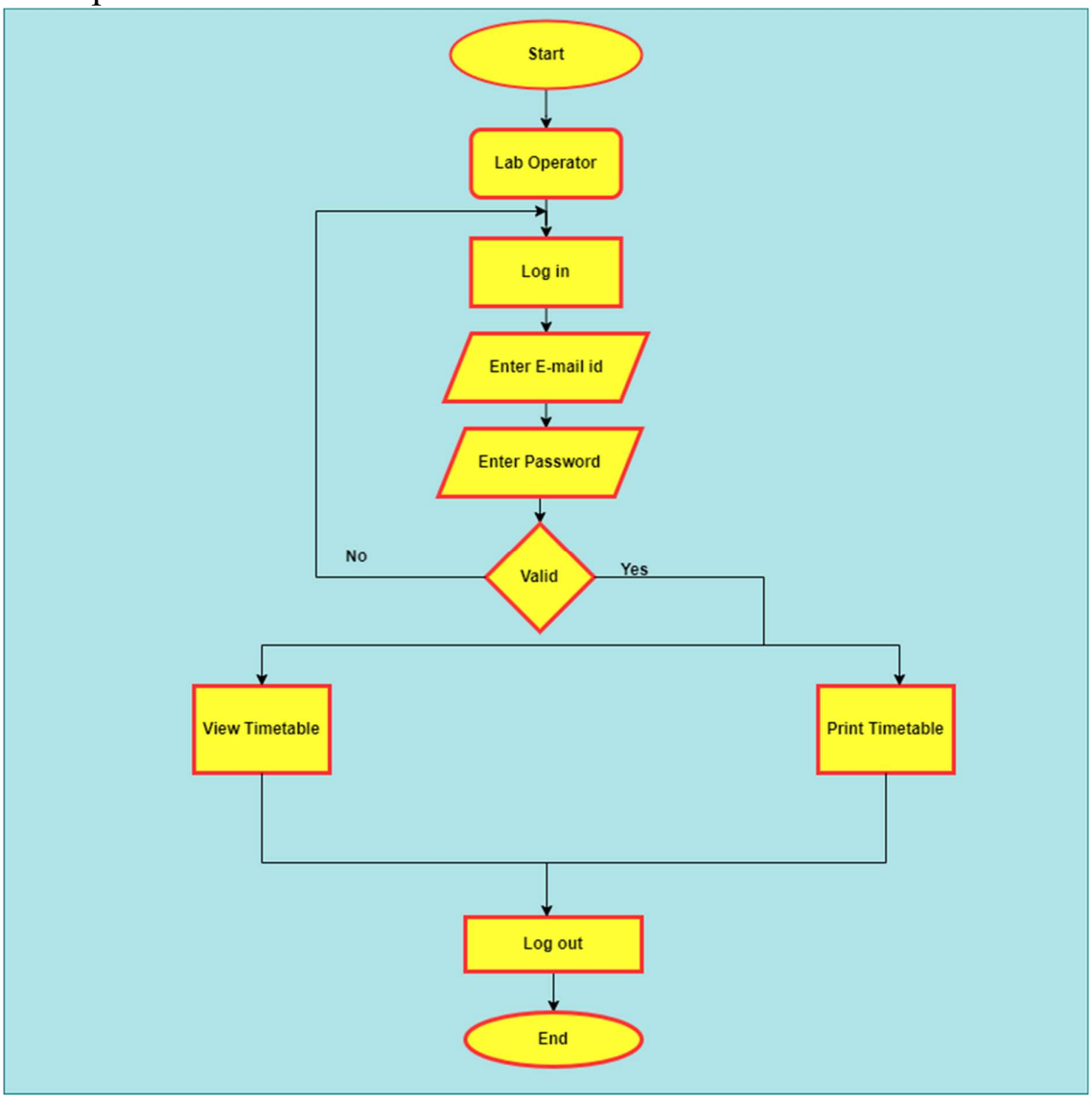
⇒Faculty


Start
Faculty
Log in
Enter E-mail id
Enter Password
Valid
No
Yes
View Subject Distribution
View Workload
Create Timetable
Edit Timetable
Check Conflict
View Timetable
View Year wise timetable
View Faculty wise timetable
Log out
End

⇒Student



⇒Lab operator



4.3 DATA DICTIONARY :-

1)Admin :

Field Name	Data Type	Size	Constraint	Description
Admin_e-mail	Varchar	30	Primary Key	Admin Mail id
Admin_Password	Varchar	15	Not Null	Admin Password

2)Faculty:

Field Name	Data Type	Size	Constraint	Description
Faculty_id	Varchar	30	Primary Key	Faculty Id
Subject_id	Integer	30	Foreign Key	Subject_Id
Faculty_name	Varchar	50	Not Null	Faculty Name
Faculty_Password	Varchar	15	Not Null	Faculty Password
Subject_choice	Varchar	90	Not Null	Subject choice of faculty

3)Timetable:

Field Name	Data Type	Size	Constraint	Description
Timetable_id	Varchar	6	Primary Key	Unique Timetable Id
Subject_id	Integer	30	Foreign key	Subject Id
Faculty_id	Varchar	30	Foreign Key	Faculty Id
Subject_name	Varchar	30	Not Null	Subject Name
Faculty_name	Varchar	50	Not Null	Faculty Name
Sem	Integer	15	Not Null	Sem in which Subject is teach
Date	Date	-	Not Null	Date of Timtable
Time	Integer	8	Not Null	Time of Lecture
Division	Varchar	5	Not Null	Division of Year

4) Subject Distribution:

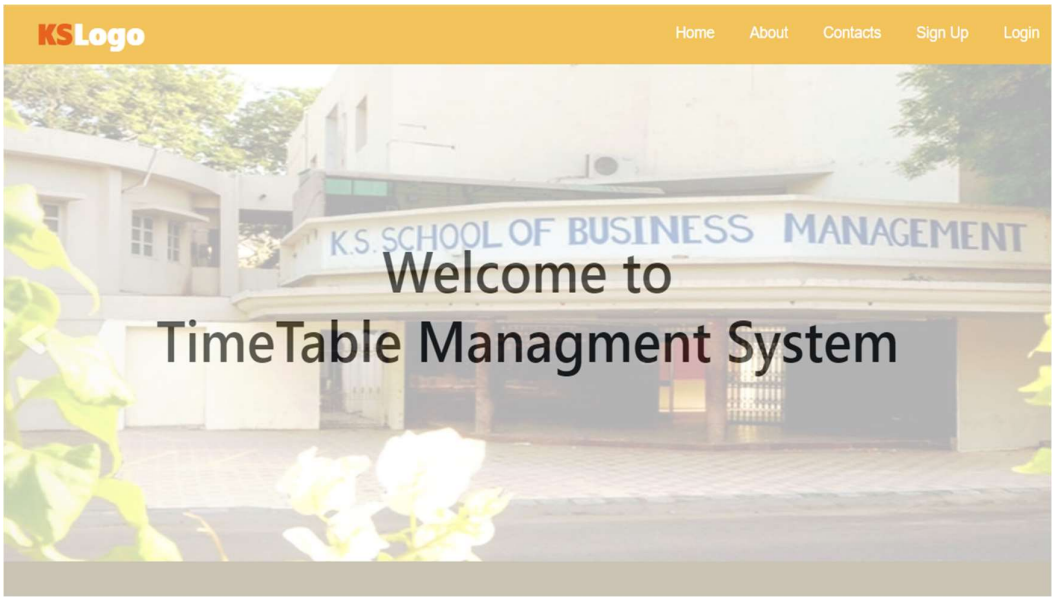
Field Name	Data Type	Size	Constraint	Description
Subject_id	Integer	30	Primary Key	Subject Id
Faculty_id	Varchar	30	Foreign key	Faculty Id
Workload	Integer	20	Not Null	Total hour of workload
Subject_name	Varchar	30	Not Null	Subject Name
Sem	Integer	15	Not Null	Sem in which Subject is teach
Subject_Credit	Integer	15	Not Null	Credit score of Subject

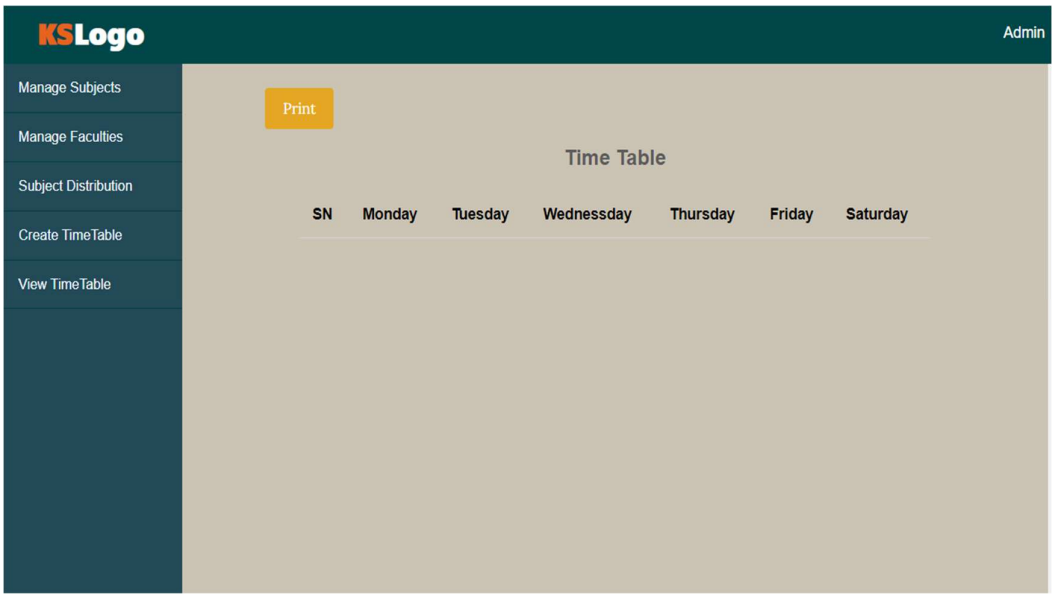
5) Lab operator:

Field Name	Data Type	Size	Constraint	Description
Lab-operator_id	Varchar	10	Primary Key	Lab-operator Id
Lab-operator_password	Varchar	12	Not Null	Lab-operator Password

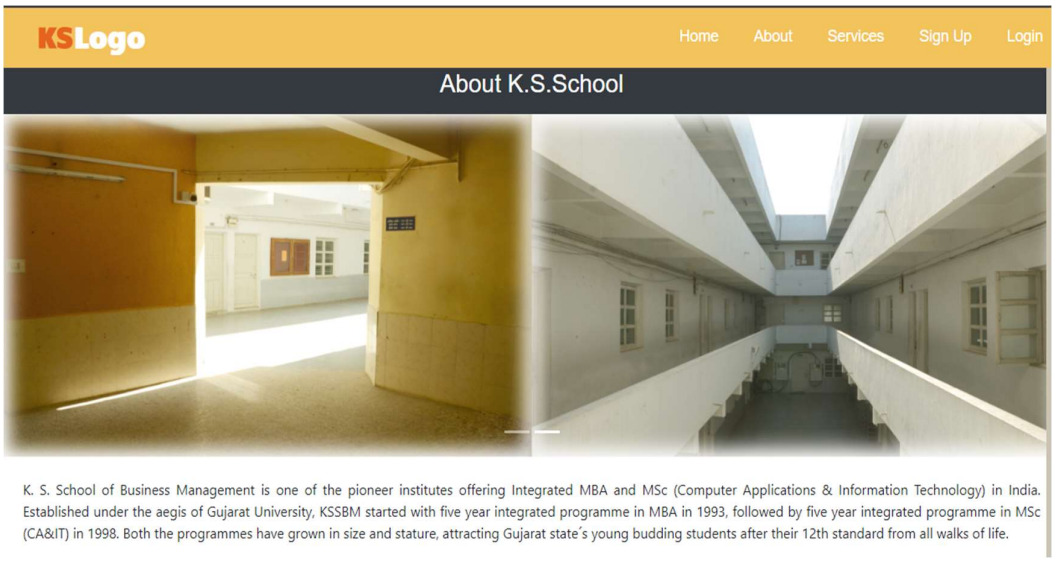
4.4 USER INTERFACE :-

HomePage

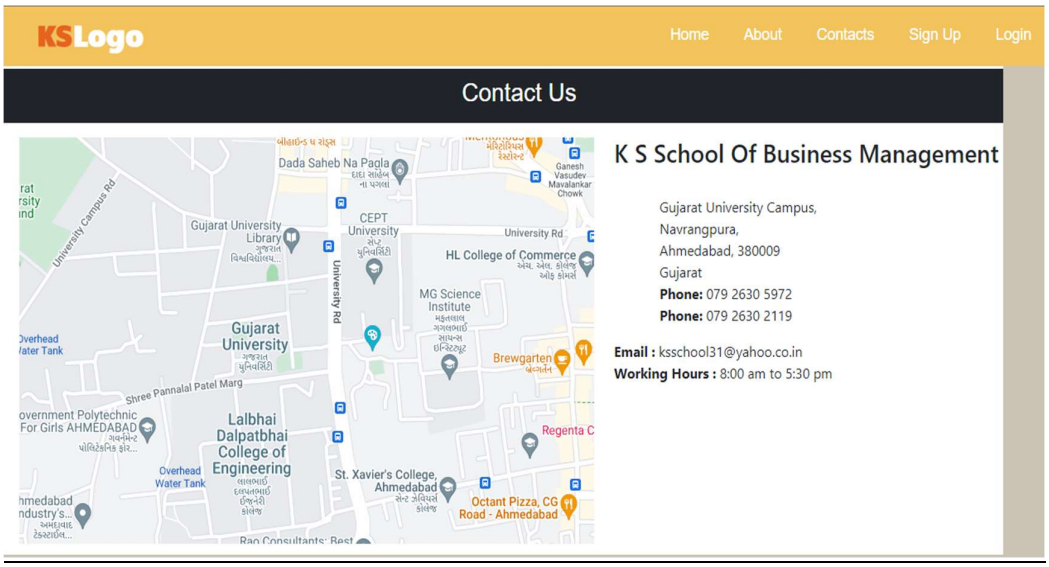




About Us



Contact Us



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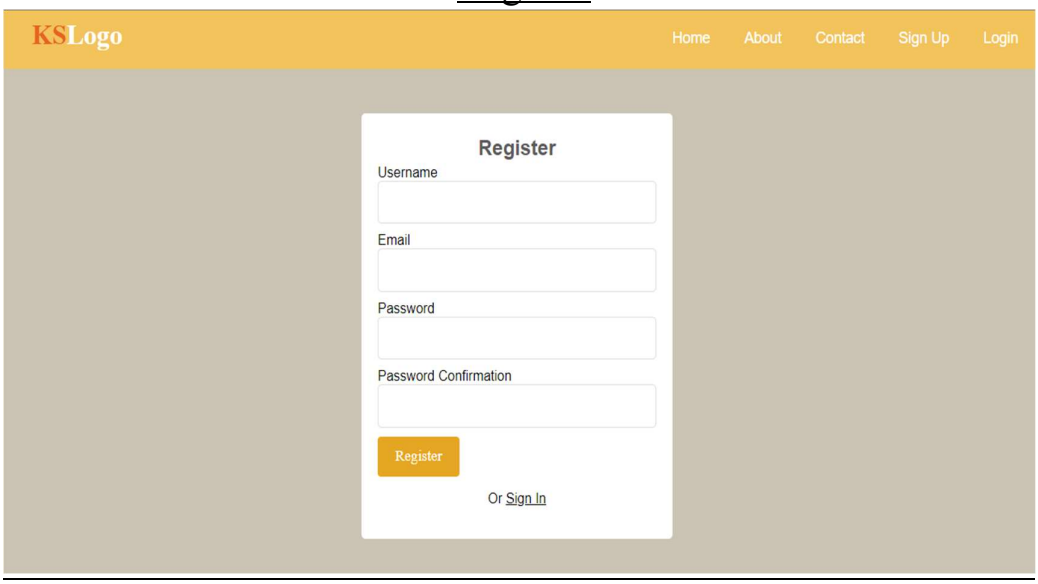

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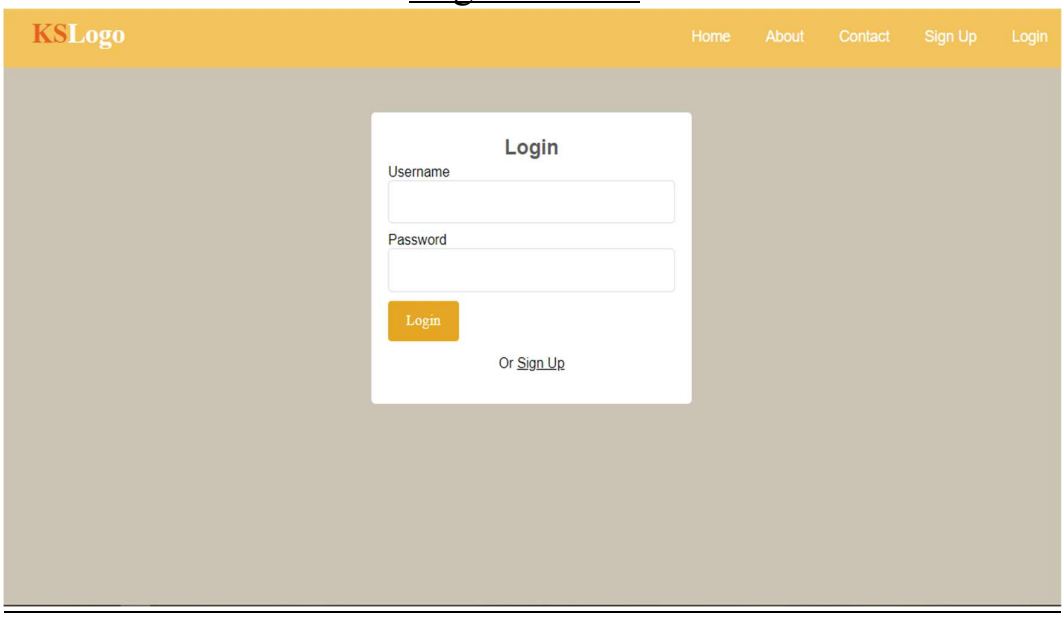

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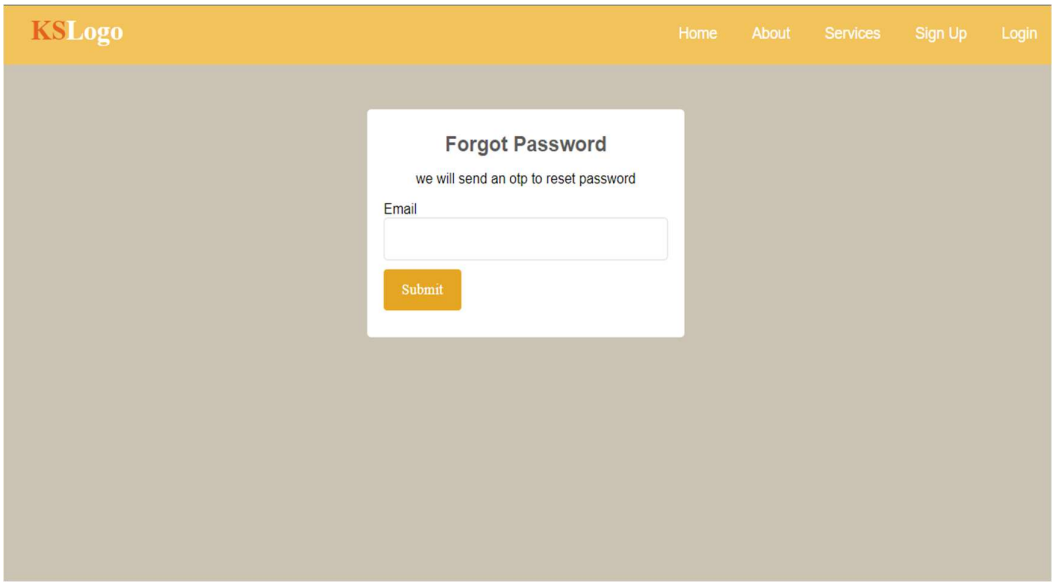

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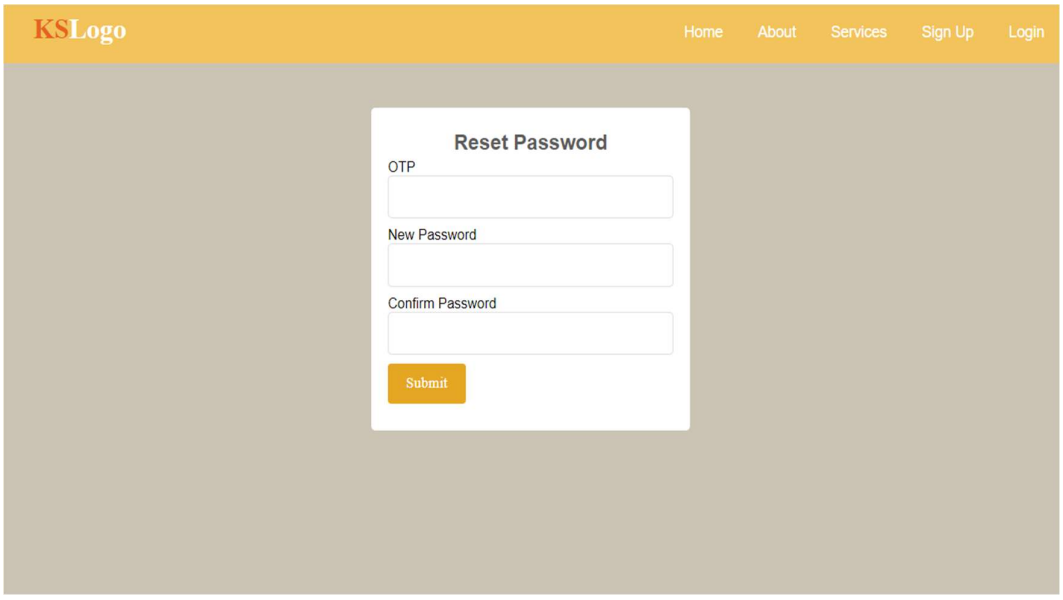
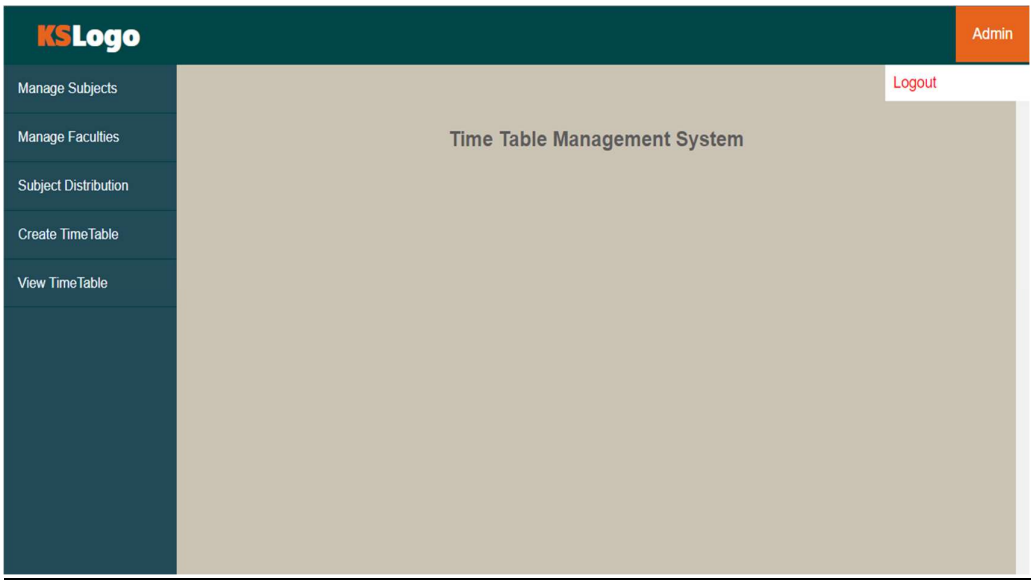
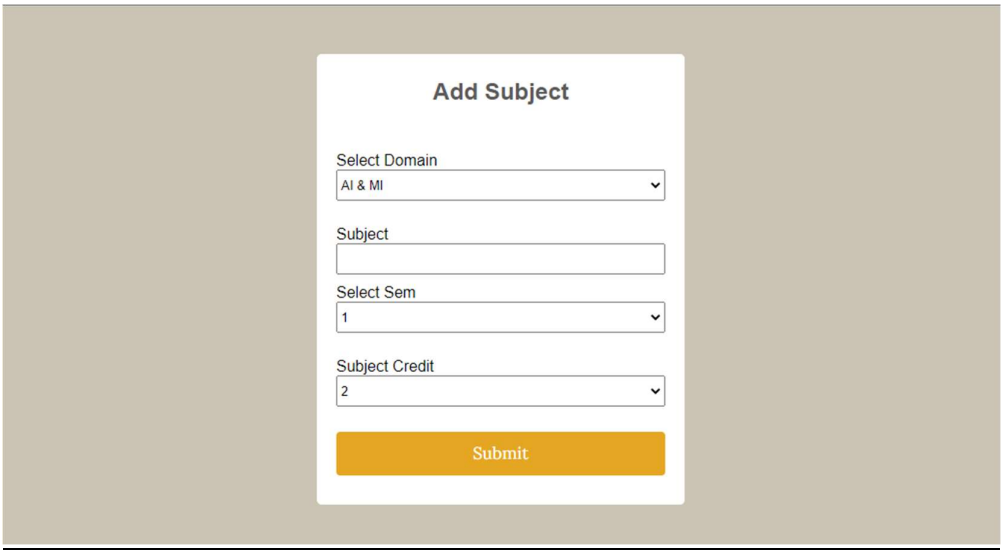
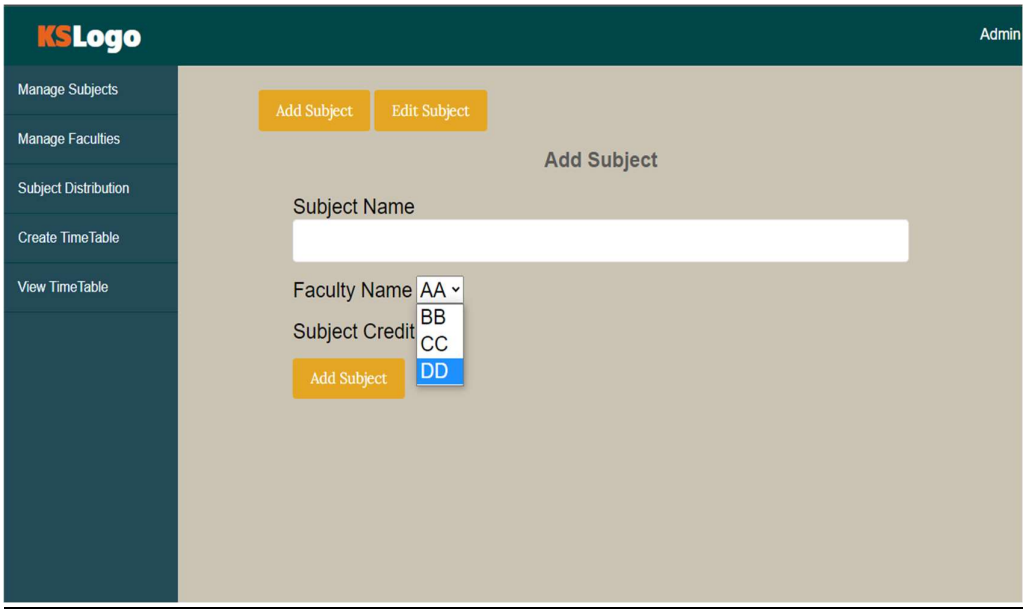
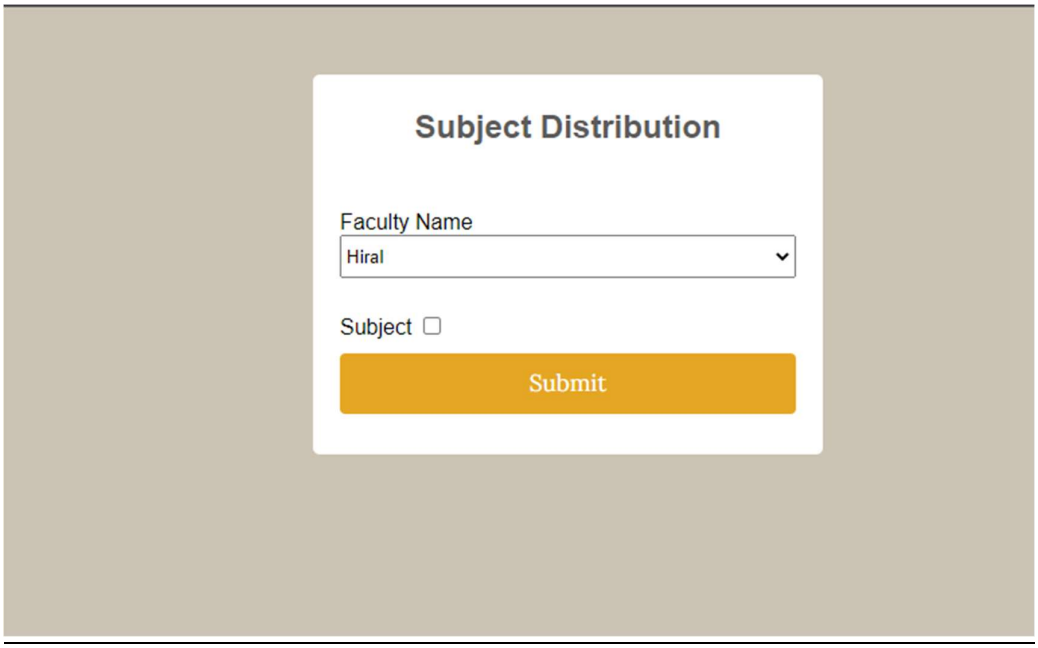


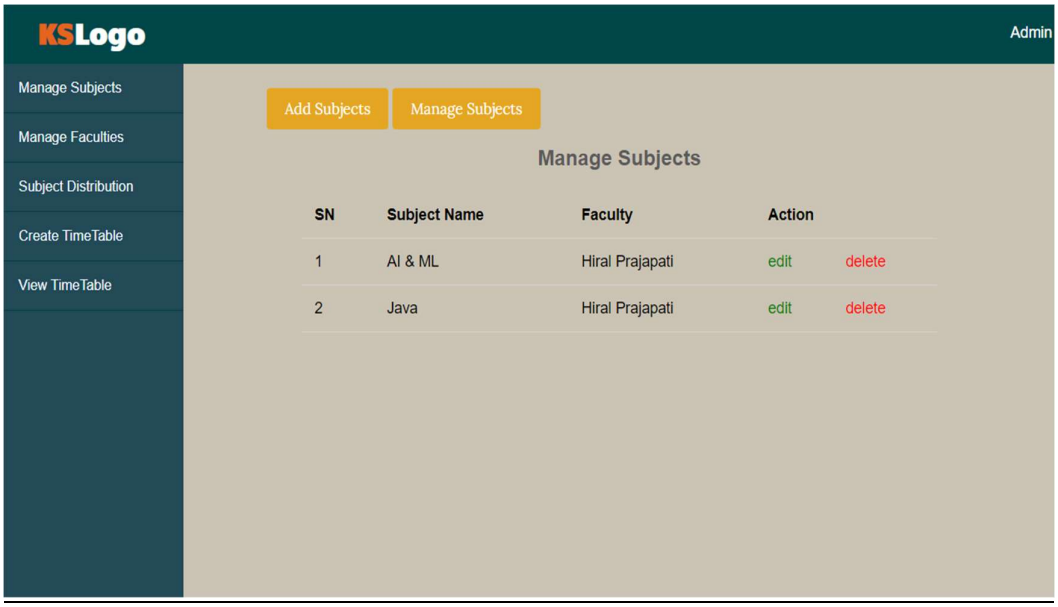
Admin Module

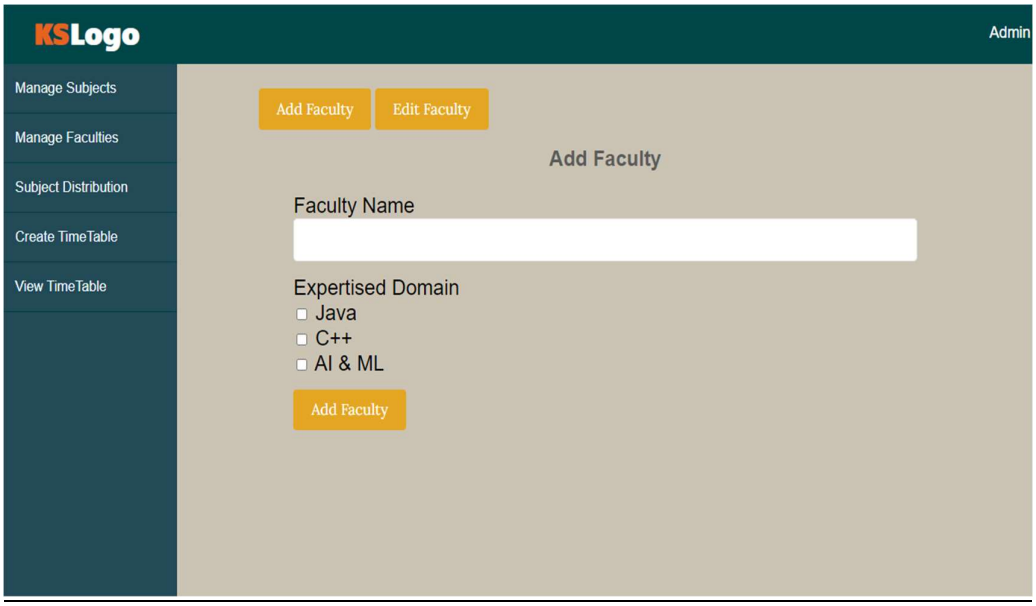


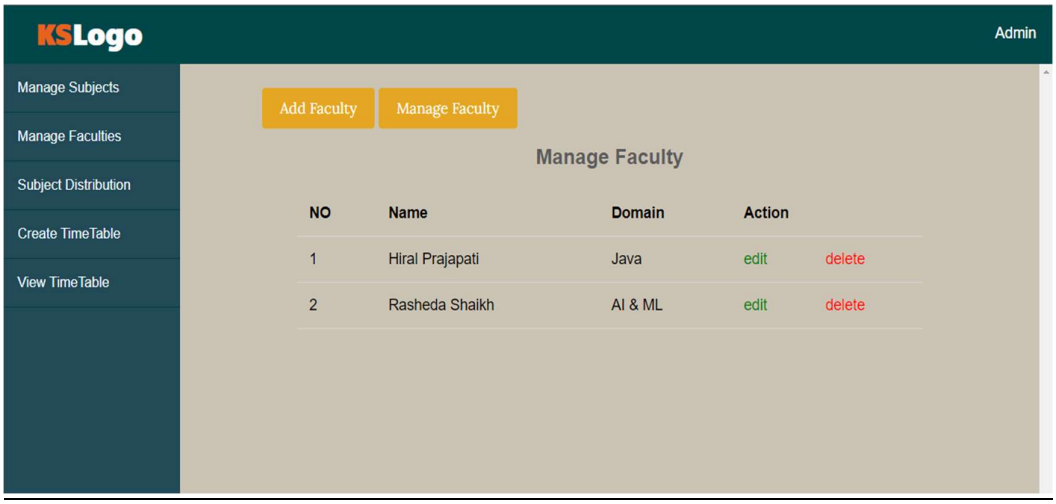



KSLogo
Admin
Manage Subjects
Manage Faculties
Subject Distribution
Create TimeTable
View TimeTable
Add Subject
Edit Subject
Add Subject
Subject Name
Faculty Name
AA
BB
CC
DD
Subject Credit
Add Subject

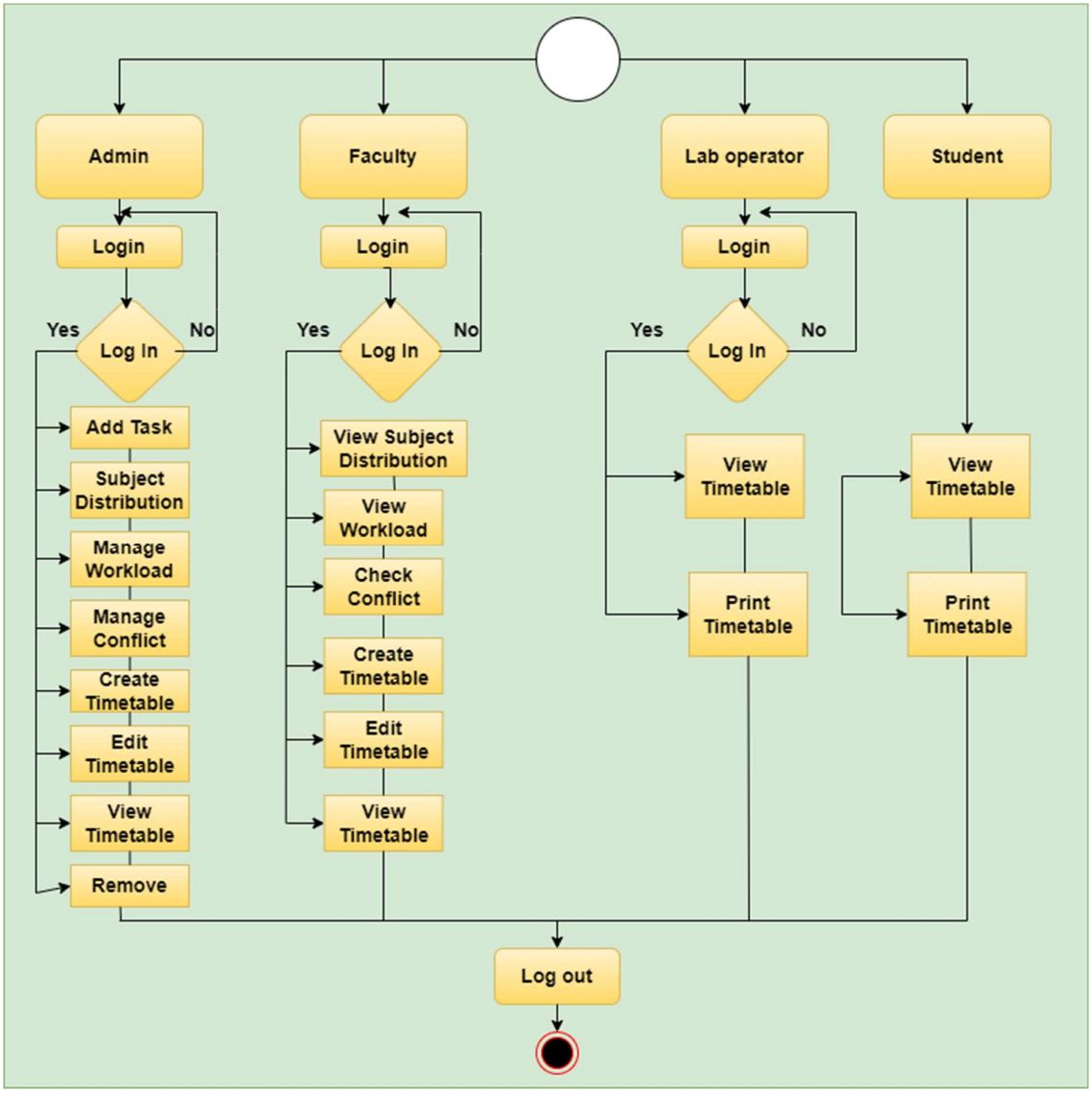

Subject Distribution
Faculty Name
Hiral
Subject
Submit


KSLogo
Admin
Manage Subjects
Manage Faculties
Subject Distribution
Create TimeTable
View TimeTable
Add Subjects
Manage Subjects
Manage Subjects
SN
Subject Name
Faculty
Action
1
AI & ML
Hiral Prajapati
edit
delete
2
Java
Hiral Prajapati
edit
delete


KSLogo
Admin
Manage Subjects
Manage Faculties
Subject Distribution
Create TimeTable
View TimeTable
Add Faculty
Edit Faculty
Add Faculty
Faculty Name
Expertised Domain
Java
C++
AI & ML
Add Faculty

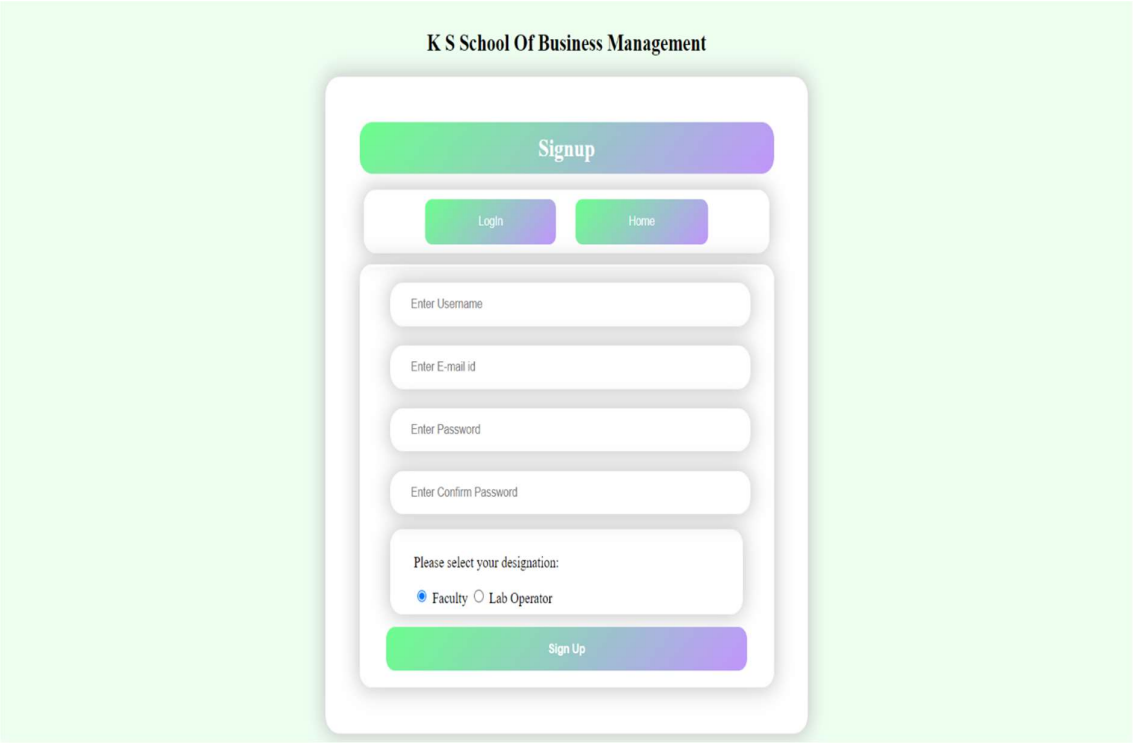

KSLogo
Admin
Manage Subjects
Manage Faculties
Subject Distribution
Create TimeTable
View TimeTable
Add Faculty
Manage Faculty
Manage Faculty
NO
Name
Domain
Action
1
Hiral Prajapati
Java
edit
delete
2
Rasheda Shaikh
AI & ML
edit
delete

4.5 SYSTEM NAVIGATION :-

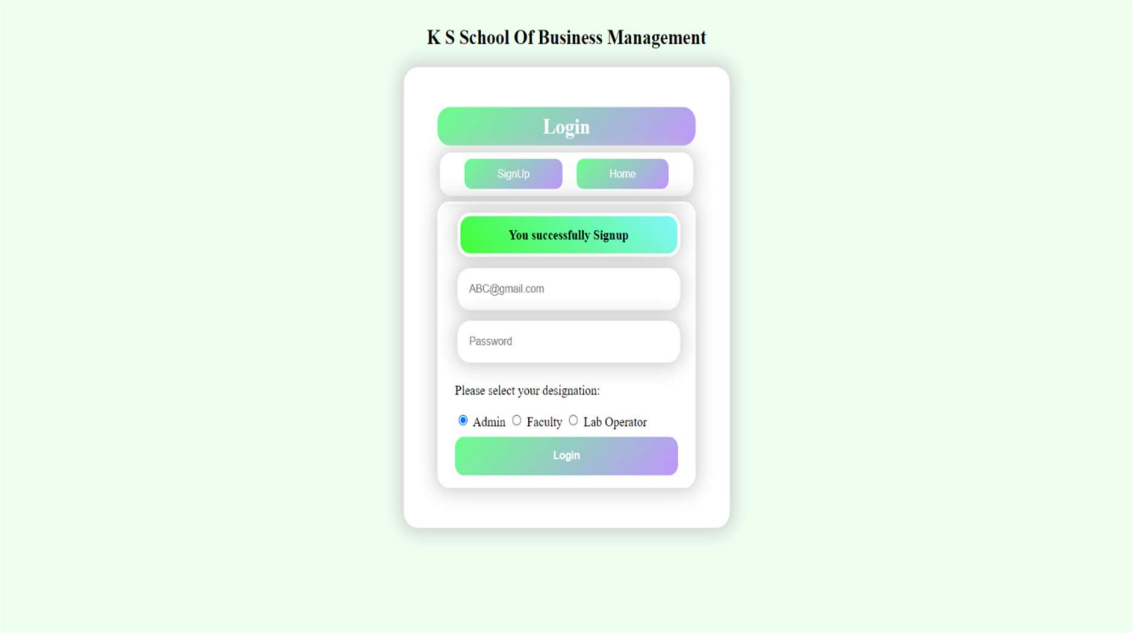


Chapter:- 5 Input / Output Design

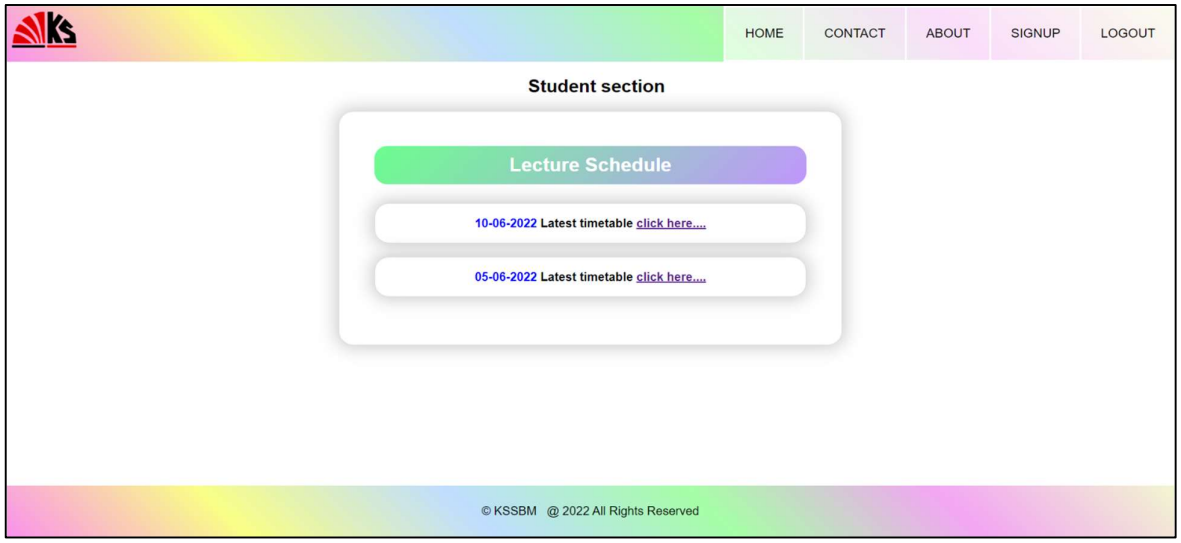
1) Registration Page :



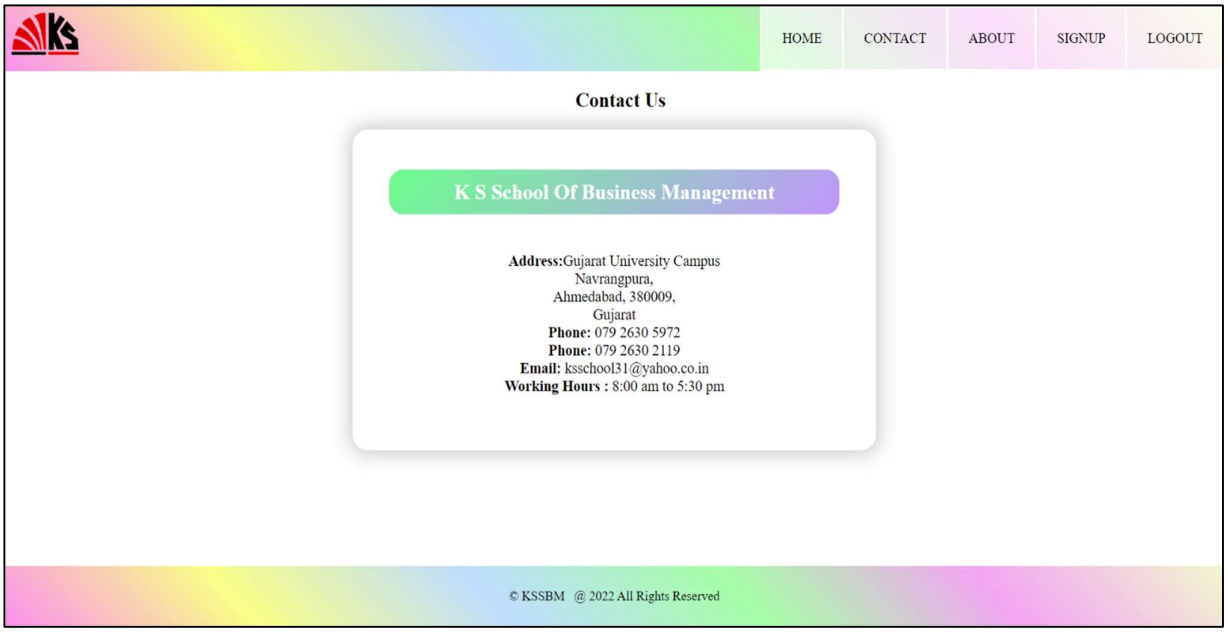
2)Login page:



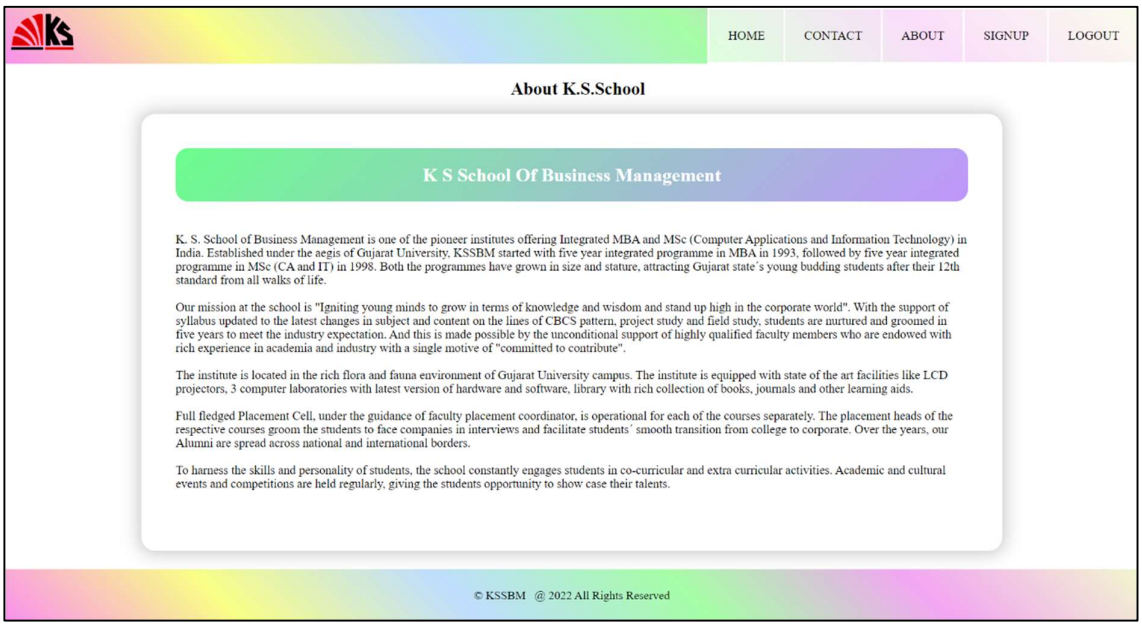
3)Home page:



4)Contact page:



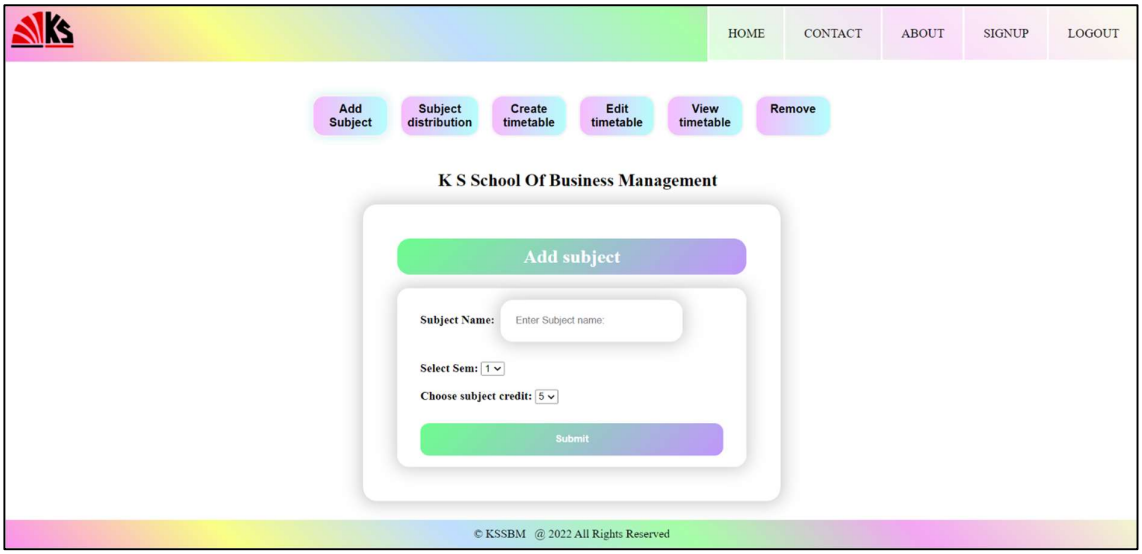
5)About page:



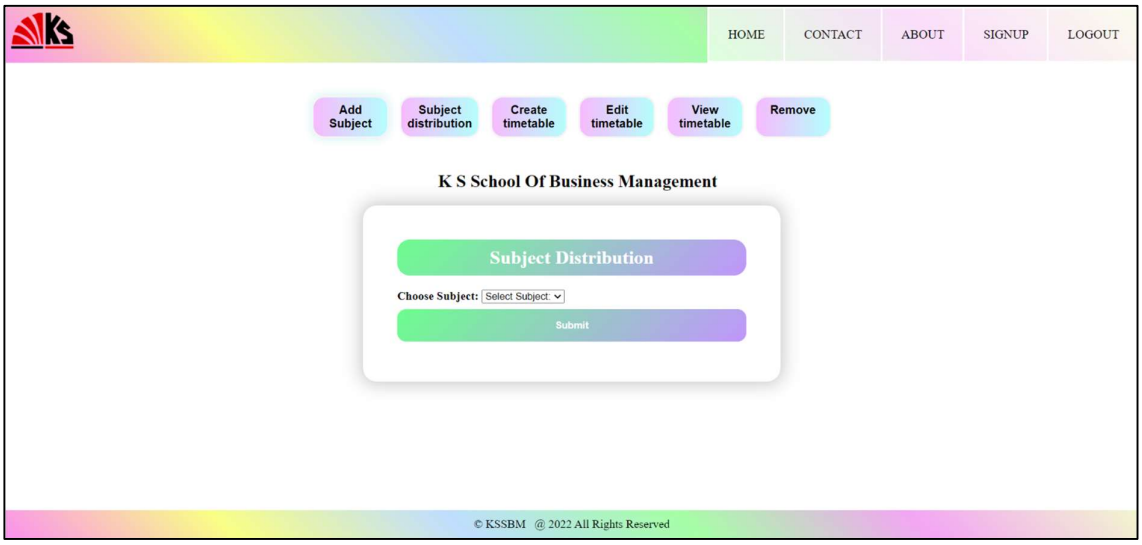
6)Admin page:

7)Faculty page:

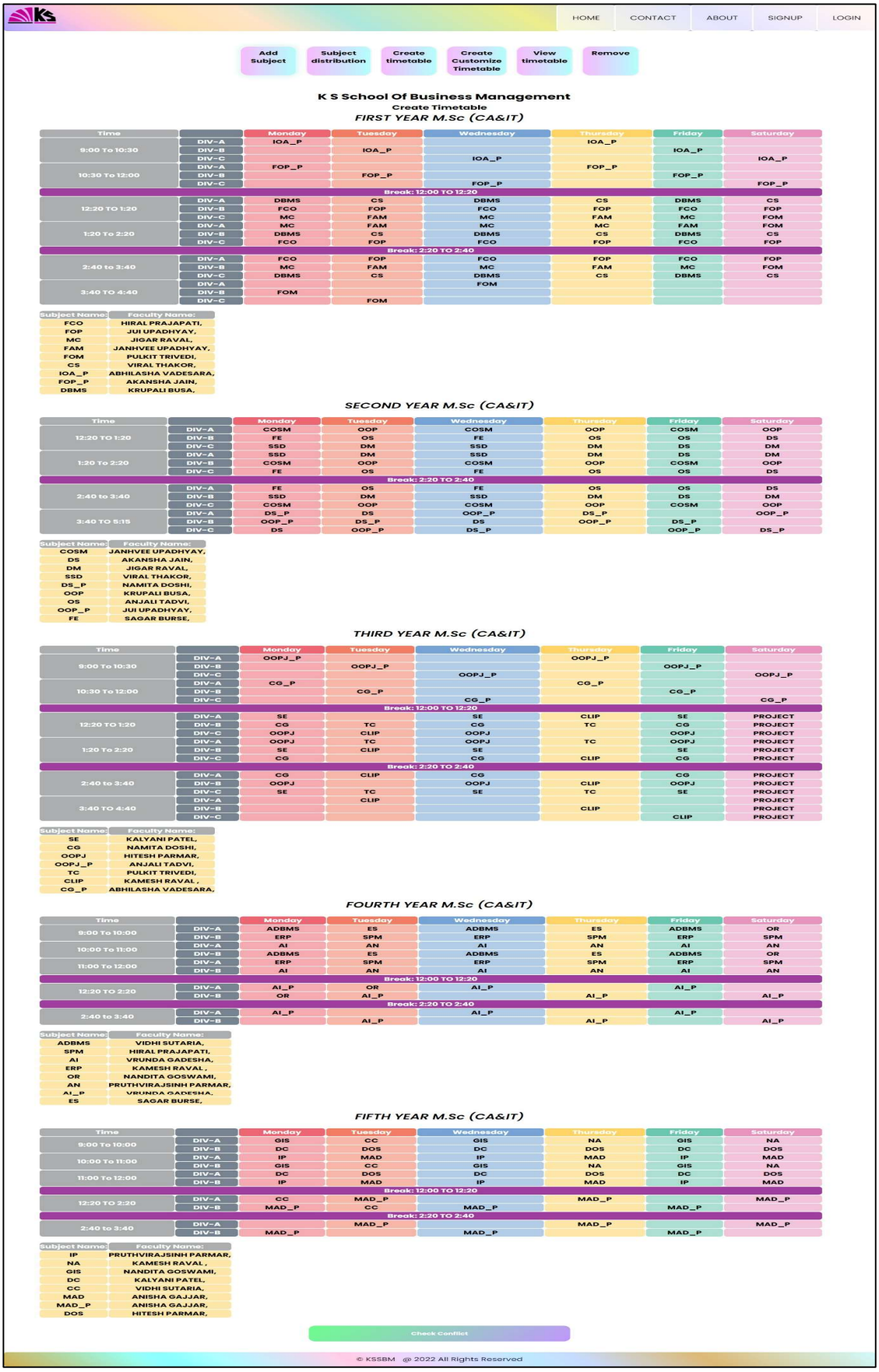
8)Add subject page:



9)Subject Distribution page:



10)Create Timetable page:



Time		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 To 10:30	DIV-A	IOA_P			IOA_P		
	DIV-B		IOA_P			IOA_P	
	DIV-C			IOA_P			IOA_P
10:30 To 12:00	DIV-A	FOP_P			FOP_P		
	DIV-B		FOP_P			FOP_P	
	DIV-C			FOP_P			FOP_P
Break: 12:00 TO 12:20							
12:20 TO 1:20	DIV-A	DBMS	CS	DBMS	CS	DBMS	CS
	DIV-B	FCO	FOP	FCO	FOP	FCO	FOP
	DIV-C	MC	FAM	MC	FAM	MC	FOM
1:20 To 2:20	DIV-A	MC	FAM	MC	MC	FAM	FOM
	DIV-B	DBMS	CS	DBMS	CS	DBMS	CS
	DIV-C	FCO	FOP	FCO	FOP	FCO	FOP
Break: 2:20 TO 2:40							
2:40 to 3:40	DIV-A	FCO	FOP	FCO	FOP	FCO	FOP
	DIV-B	MC	FAM	MC	FAM	MC	FOM
	DIV-C	DBMS	CS	DBMS	CS	DBMS	CS
3:40 TO 4:40	DIV-A			FOM			
	DIV-B	FOM					
	DIV-C		FOM				

Subject Name:	Faculty Name:
FCO	HIRAL PRAJAPATI,
FOP	JUI UPADHYAY,
MC	JIGAR RAVAL,
FAM	JANHVEE UPADHYAY,
FOM	PULKIT TRIVEDI,
CS	VIRAL THAKOR,
IOA_P	ABHILASHA VADESARA,
FOP_P	AKANSHA JAIN,
DBMS	KRUPALI BUSA,

Time		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12:20 TO 1:20	DIV-A	COSM	OOP	COSM	OOP	COSM	OOP
	DIV-B	FE	OS	FE	OS	OS	DS
	DIV-C	SSD	DM	SSD	DM	DS	DM
1:20 To 2:20	DIV-A	SSD	DM	SSD	DM	DS	DM
	DIV-B	COSM	OOP	COSM	OOP	COSM	OOP
	DIV-C	FE	OS	FE	OS	OS	DS
Break: 2:20 TO 2:40							
2:40 to 3:40	DIV-A	FE	OS	FE	OS	OS	DS
	DIV-B	SSD	DM	SSD	DM	DS	DM
	DIV-C	COSM	OOP	COSM	OOP	COSM	OOP
3:40 TO 5:15	DIV-A	DS_P	DS	OOP_P	DS_P		OOP_P
	DIV-B	OOP_P	DS_P	DS	OOP_P	DS_P	
	DIV-C	DS	OOP_P	DS_P		OOP_P	DS_P

Subject Name:	Faculty Name:
COSM	JANHVEE UPADHYAY,
DS	AKANSHA JAIN,
DM	JIGAR RAVAL,
SSD	VIRAL THAKOR,
DS_P	NAMITA DOSHI,
OOP	KRUPALI BUSA,
OS	ANJALI TADVI,
OOP_P	JUI UPADHYAY,
FE	SAGAR BURSE,

Time		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 To 10:30	DIV-A	OOPJ_P			OOPJ_P		
	DIV-B		OOPJ_P			OOPJ_P	
	DIV-C			OOPJ_P			OOPJ_P
10:30 To 12:00	DIV-A	CG_P			CG_P		
	DIV-B		CG_P			CG_P	
	DIV-C			CG_P			CG_P
Break: 12:00 TO 12:20							
12:20 TO 1:20	DIV-A	SE		SE	CLIP	SE	PROJECT
	DIV-B	CG	TC	CG	TC	CG	PROJECT
	DIV-C	OOPJ	CLIP	OOPJ		OOPJ	PROJECT
1:20 To 2:20	DIV-A	OOPJ	TC	OOPJ	TC	OOPJ	PROJECT
	DIV-B	SE	CLIP	SE		SE	PROJECT
	DIV-C	CG		CG	CLIP	CG	PROJECT
Break: 2:20 TO 2:40							
2:40 to 3:40	DIV-A	CG	CLIP	CG		CG	PROJECT
	DIV-B	OOPJ		OOPJ	CLIP	OOPJ	PROJECT
	DIV-C	SE	TC	SE	TC	SE	PROJECT
3:40 TO 4:40	DIV-A		CLIP				PROJECT
	DIV-B				CLIP		PROJECT
	DIV-C					CLIP	PROJECT

Subject Name:	Faculty Name:
SE	KALYANI PATEL,
CG	NAMITA DOSHI,
OOPJ	HITESH PARMAR,
OOPJ_P	ANJALI TADVI,
TC	PULKIT TRIVEDI,
CLIP	KAMESH RAVAL ,
CG_P	ABHILASHA VADESARA,

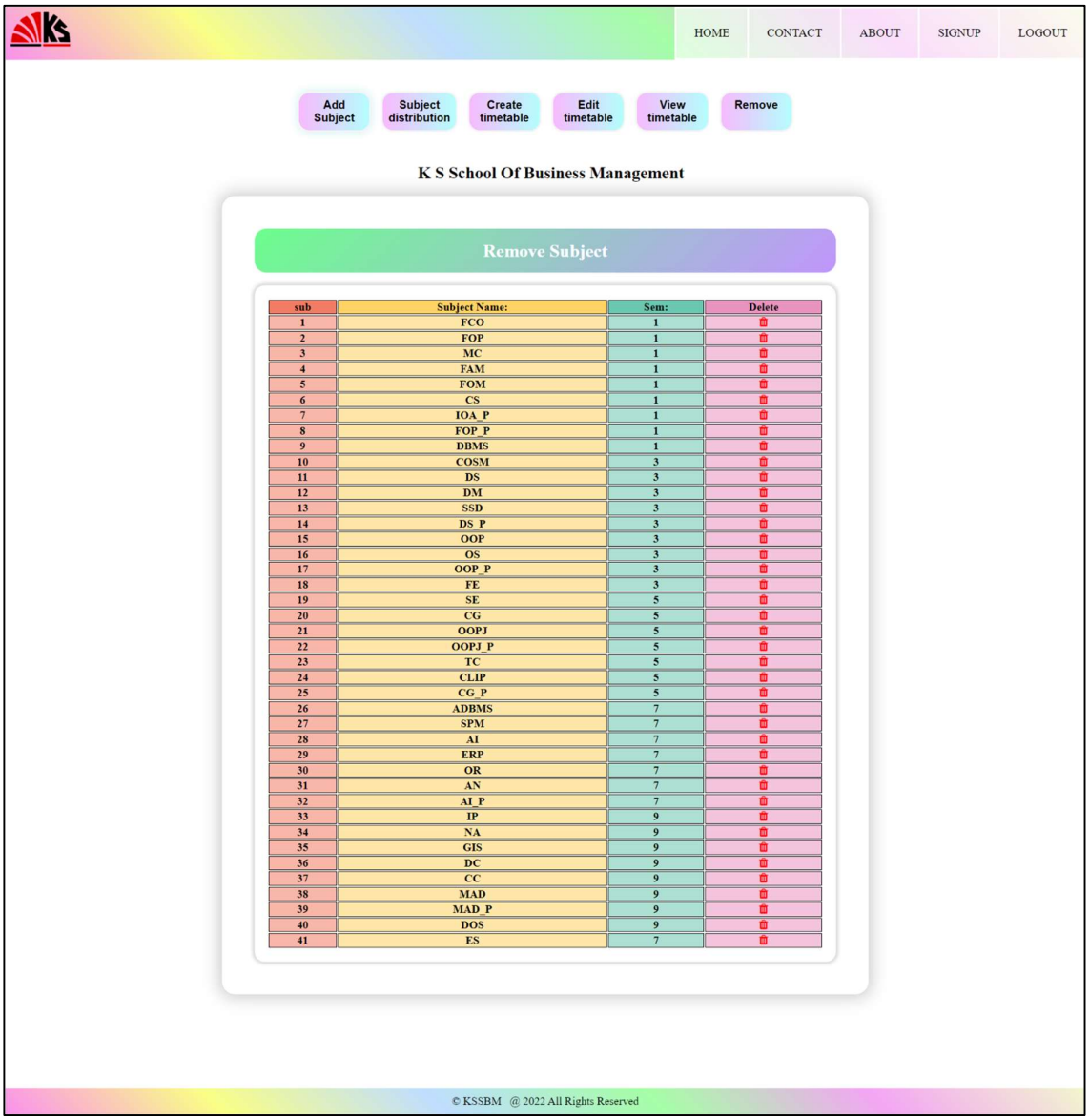
Time		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 To 10:00	DIV-A	ADBMS	ES	ADBMS	ES	ADBMS	OR
	DIV-B	ERP	SPM	ERP	SPM	ERP	SPM
10:00 To 11:00	DIV-A	AI	AN	AI	AN	AI	AN
	DIV-B	ADBMS	ES	ADBMS	ES	ADBMS	OR
11:00 To 12:00	DIV-A	ERP	SPM	ERP	SPM	ERP	SPM
	DIV-B	AI	AN	AI	AN	AI	AN
Break: 12:00 TO 12:20							
12:20 TO 2:20	DIV-A	AI_P	OR	AI_P		AI_P	
	DIV-B	OR	AI_P		AI_P		AI_P
Break: 2:20 TO 2:40							
2:40 to 3:40	DIV-A	AI_P		AI_P		AI_P	
	DIV-B		AI_P		AI_P		AI_P

Subject Name:	Faculty Name:
ADBMS	VIDHI SUTARIA,
SPM	HIRAL PRAJAPATI,
AI	VRUNDA GADESHA,
ERP	KAMESH RAVAL ,
OR	NANDITA GOSWAMI,
AN	PRUTHVIRAJSINH PARMAR,
AI_P	VRUNDA GADESHA,
ES	SAGAR BURSE,

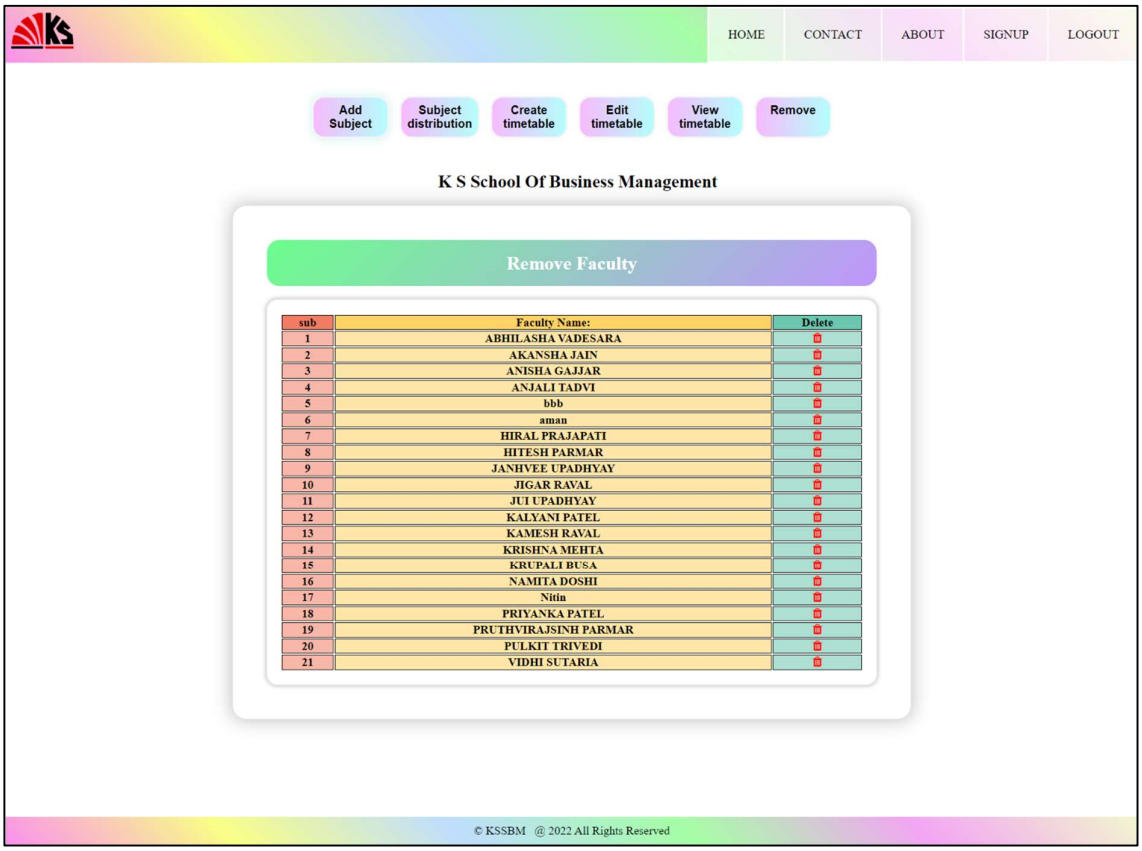
Time		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 To 10:00	DIV-A	GIS	CC	GIS	NA	GIS	NA
	DIV-B	DC	DOS	DC	DOS	DC	DOS
10:00 To 11:00	DIV-A	IP	MAD	IP	MAD	IP	MAD
	DIV-B	GIS	CC	GIS	NA	GIS	NA
11:00 To 12:00	DIV-A	DC	DOS	DC	DOS	DC	DOS
	DIV-B	IP	MAD	IP	MAD	IP	MAD
Break: 12:00 TO 12:20							
12:20 TO 2:20	DIV-A	CC	MAD_P		MAD_P		MAD_P
	DIV-B	MAD_P	CC	MAD_P		MAD_P	
Break: 2:20 TO 2:40							
2:40 to 3:40	DIV-A		MAD_P		MAD_P		MAD_P
	DIV-B	MAD_P		MAD_P		MAD_P	

Subject Name:	Faculty Name:
IP	PRUTHVIRAJSINH PARMAR,
NA	KAMESH RAVAL ,
GIS	NANDITA GOSWAMI,
DC	KALYANI PATEL,
CC	VIDHI SUTARIA,
MAD	ANISHA GAJJAR,
MAD_P	ANISHA GAJJAR,
DOS	HITESH PARMAR,

11)Remove Subject:



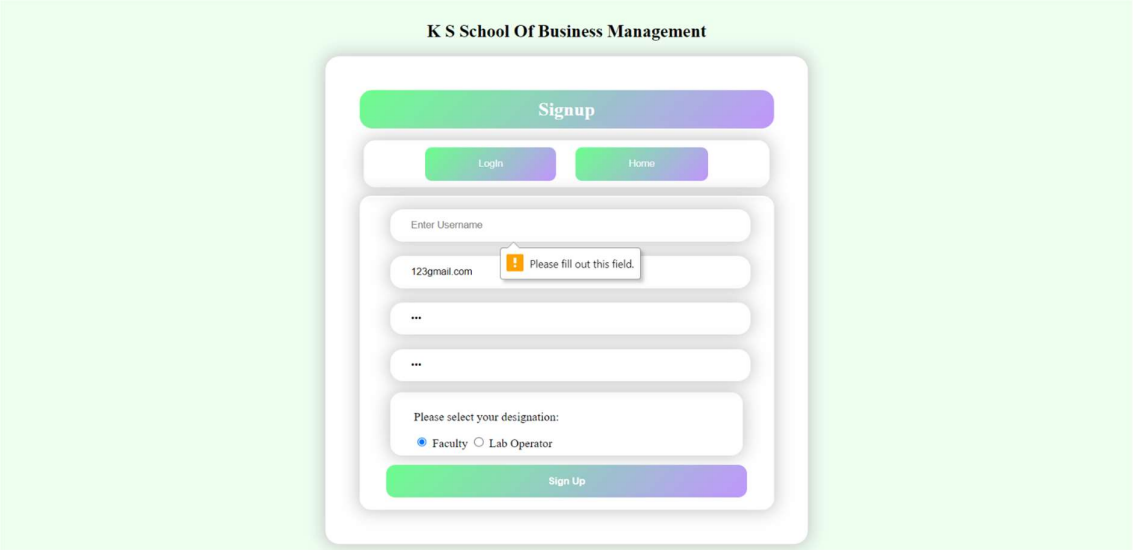
12)Remove Faculty:



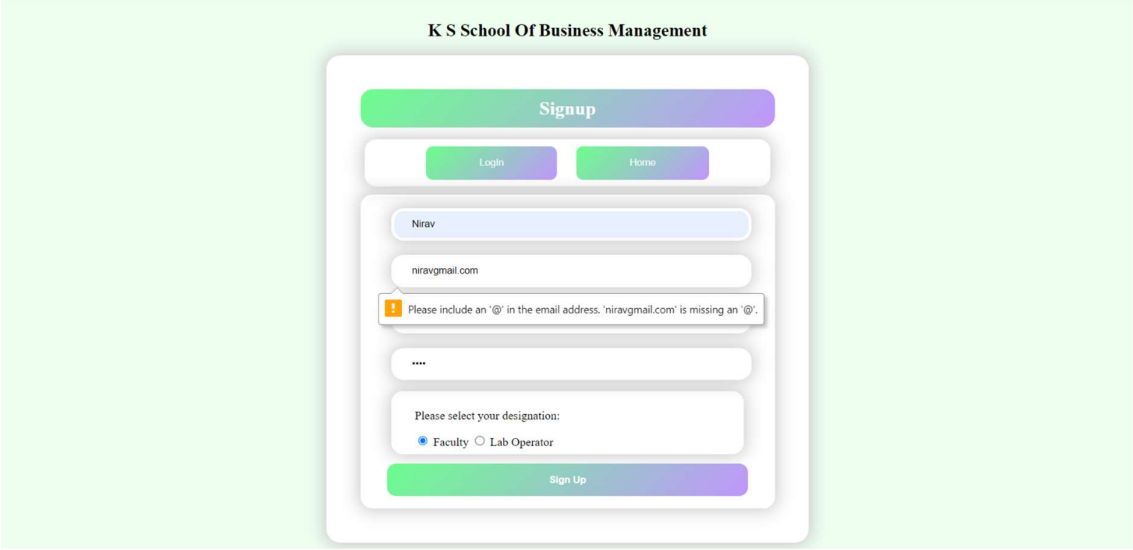
Chapter 6:Testing

1) Test Case (For Registration) :

=> If user will not fill any of the field , then a message will generate for inform that fill out this field.



=> If user will input incorrect email , then a message will generate for input correct email.



2) Test Case (For Log In) :

=> If user will input incorrect username or password , then a message will generate for invalid username or password.

Chapter : 7 Summary

7.1 Assumptions :

- One should remember his Username and Password while login to the system.
- We assume that the system which prepared by us is easy to use for all end users.
- Our system having common language So anyone Can Easily Understand the System, So It Provides Ease of Access.
- Our system is very useful for the organization.
- We assume that user has primary knowledge of computer and this type of system.

7.2 Limitations :

- If user does not have knowledge about how to operate computer and system then he might get confuse.
- If the user might not able to deal with English language, then user might not able to use the system efficiently.
- This system is created using this organization constraints and conditions. For other organization constraints may be different.

7.3 Future Scope :

- This system is only useful for this organization but in future we can develop for any other institution by their constraints and condition.

7.4 Conclusion :

The project entitled as **Timetable Management System** is the system that deals with the issues related to a particular institution.

- This project is successfully implemented with all the features mentioned in system requirements specification.
- The application provides appropriate information to users according to the chosen service.
- The project is designed keeping in view the day-to-day problems faced by a college.
- Deployment of our system will certainly help the college to reduce unnecessary wastage of time in personally for the timetable creation.

Bibliography

=> Software Engineering (A practitioner's Approach) Roger Pressman (7th e)

=> http://www.draw.io

=> http://www.Creately.com