



TIH College Space

A Minor project submitted for the partial
fulfilment of the requirements for the degree of
BACHELOR OF COMPUTER APPLICATION

SUBMITTED BY

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Session:2021-2022



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TIH College Space



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Certificate

This is to certify that the project entitled “**TIH College Space**” submitted by Rajendra Kumar Shaw, Ronit Singh, Atul Kumar Giri, Debojyoti Das, Manish Kumar Yadav and Gulafshan Parween, as Assigned Project (minor) for the partial fulfilment of degree of Bachelor of Computer Application is worth of acceptance.

Project Supervisor

Head of the Department, BCA

1.Acknowledgement:

We hereby declare that the project work being presented in the project proposal entitled "**TIH College Space**" is in partial fulfillment of the requirement for the award degree of BACHELOR OF COMPUTER APPLICATION at Techno India Hooghly.

We express sincere gratitude to **Dr. Mrinal Kanti Chakrabarty** worthy Principal for providing us an opportunity to undergo this project at TECHNO COLLEGE HOOGLY.

we would like to thank our supervisor of this project, **Prof. Subhendu Saha** for the valuable guidance and advice. He inspired us greatly to work on this project. His willingness to motivate us contributed tremendously to our project. We also would like to thank him for showing us some examples that related to the topic of our project. We are also grateful to our php **Prof. Joyjit Guha Biswas** for his valuable guidance and support. Without their support, this project would not have completed.

Also, We would like to thank my family and friends for their support. Without that support we couldn't have succeeded in completing this project.

At last but not least, we would like to thank everyone who helped and motivated us to work on this project.

Date:-----

Name of the students:-

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3. Abstract :

Due to the COVID-19 pandemic that led the world to several problems like the Economic crisis, Health crisis etc. also hit the education system of the whole world in the worst way especially in countries like India. Gradually when the education system was shifting to online mode then most of the students faced problems in getting class schedules, joining links, notes, recording of the class etc.

Our enthusiast team found a solution to overcome this problem and help teachers as well as students to come on a single space where teachers can share all the information regarding the class schedules , joining link, notes etc. and students can get all the information simply by visiting the website “<http://tihcollegespace.epizy.com>”.

Apart from Teacher and student there will be an admin module to manage all functionalities. The main modules will be:

- Administrator
- Teacher
- Student

It will not replace the platforms that are being used by teachers and students currently but it will help a lot in getting every information at one place shared by teachers and colleges. And provide more smoothness to the online education system.

4. Introduction :

TIH College Space is introduced with the purpose of helping Education.

The purpose of the document is to collect and analyse all assorted ideas that have come up to define the system, its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered, but may be discarded as the product develops. In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our client, team and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software delivery lifecycle (SDLC) processes. While the software requirement specification (SRS) document is written for a more general audience, this document is intended for individuals directly involved in the development of TIHCollegeSpace. This includes client, software developers, project consultants, and team managers. This document need not be read sequentially; users are encouraged to jump to any section they find relevant

5)Objective and Scope of the project

5. 1.Objective:

The object of Developing such a software system is to reduce the workload and save time in education management. Thereby increasing the efficiency and decreasing the workload. the authorities have been looking for an advanced system. This system is aimed at total user-friendly as well as efficient management of varied tasks.

Special objectives of this site: Some of the objectives of the system are listed below:

- Managing class Schedule
- It provides facility to upload notes
- Easily accessible profile
- Upload Question paper
- Save user records in the database
- Manage all details of users who registered
- It also provides download required files, notes, question paper

5.2. Scope:

Primarily, the scope pertains to the colleges by helping them manage to register new students, managing class schedule, notes, updates, and Year Question paper management to all the essential features for making the administrative division of school effective & engaging students. The system provides the flexibility of generating the required documents.

6.Theoretical Background

What is PHP?

PHP is a server-side scripting language, that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed.

Why use PHP?

- PHP is **open source and free**.
- Short learning curve compared to other languages such as JSP, ASP etc.
- Large community document
 - Most web hosting servers support PHP by default unlike other languages such as ASP that need IIS. This makes PHP a cost-effective choice.
 - PHP is regular updated to keep abreast with the latest technology trends.
 - Other benefit that you get with PHP is that it's a **server-side scripting language**; this means you only need to install it on the server and client computers requesting for resources from the server do not need to have PHP installed; only a web browser would be enough.
 - PHP has **in built support for working hand in hand with MySQL**; this doesn't mean you can't use PHP with other database management systems. You can still use PHP with
 - Postgres
 - Oracle
 - MS SQL Server
 - ODBC etc.
 - PHP is **cross platform**; this means you can deploy your application on a number of different operating systems such as windows, Linux, Mac OS etc.

7. Problem Definition:

- Problems faced while using other platforms for sharing information regarding class schedules .
- Another problem was, if someone knows the class schedule then from where they will join the class.
- If someone somehow missed the online class , it was a little bit difficult to find recordings of missed class.
- It is also a huge problem to get the previous year's question papers to get a clear idea about question paper setup.
- Communication with teachers is difficult for students when they are in a group. We will add a "**Chat Box**" function in future to overcome this problem also.

All the above problems like getting class schedules, joining links,

recordings of the classes, Previous year question paper etc. will be resolved at one place that is "**TIH COLLEGE SPACE**".

8. Feasibility Study

Preliminary investigation examines project feasibility; the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running systems. All systems are feasible if they have unlimited resources and infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

- Technical Feasibility
- Operation Feasibility
- Economic Feasibility

8.1 Technical Feasibility

- The technical issue usually raised during the feasibility stage of the investigation includes the following:
- Does the necessary technology exist to do what is suggested?
- Does the proposed equipment have the technical capacity to hold the data required to use the new system?
- Will the proposed system provide adequate response to inquiries, regardless of the number or location of users?
- Can the system be upgraded if developed?
- Are there technical guarantees of accuracy, reliability, ease of access and data security?

The proposed system is developed using Active Server Page, Java Script, CSS, and HTML as front-end tools and PHP & MYSQL as the back-end.

The proposed system needs a Personal Web Server to serve the requests submitted by the users. The Web browser is used to view the web page that is available within the Windows operating system itself. The proposed system will run under Windows 7 & above environment.

As Windows is very user friendly and GUI OS it is very easy to use. All the required hardware and software are readily available in the market. Hence the system is technically feasible.

8.2 Operational Feasibility

The proposed system is operationally feasible because of the following reasons.

- The Students are benefited more as most of his time is saved.
- The cost of the proposed system is almost negligible when compared to the benefits gained.

8.3 Economic Feasibility

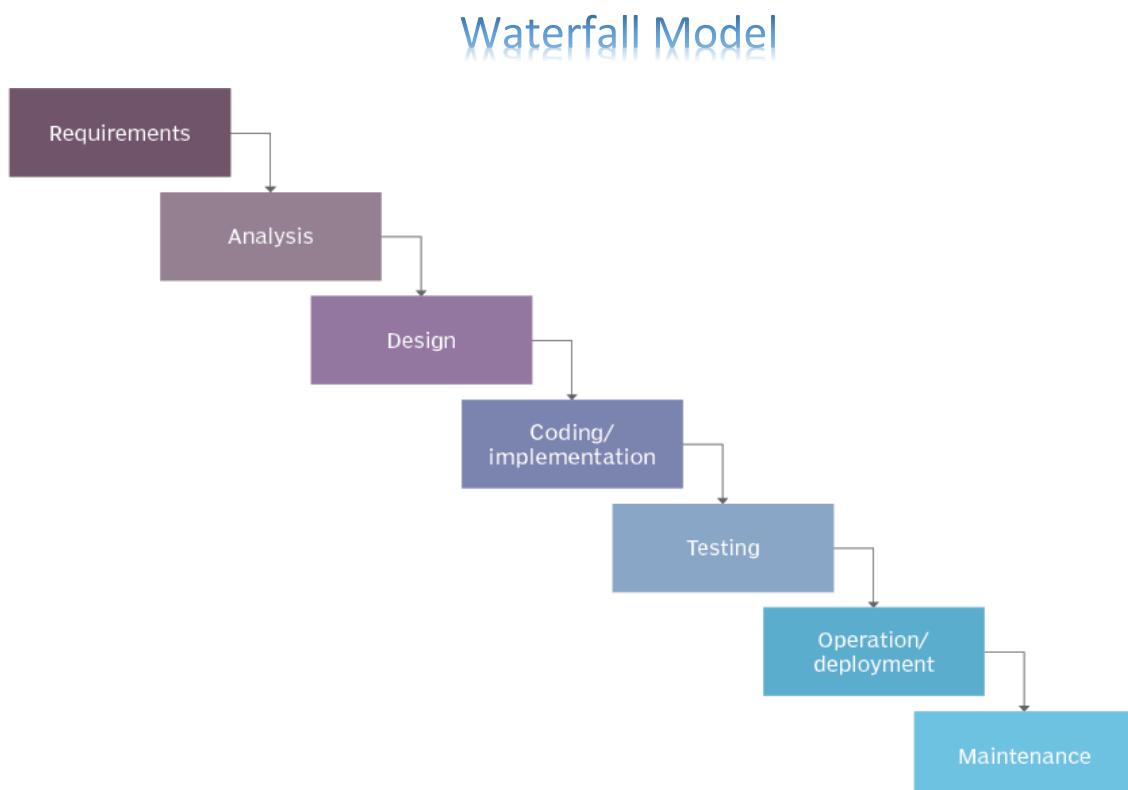
As the necessary hardware and software are available in the market at a low cost, the initial investment is the only cost incurred and does not need any further enhancements. Hence it is economically feasible.

The system is feasible in all respects and hence it encourages taking up the system design.

9. System Planning

9.1 Workflow

This document plays a vital role in the development life cycle (SDLC) as it describes the complete requirement of the system. It is meant for use by the developers and will be the basic during the testing phase. Any changes made to their requirements in the future will have to go through a formal change approval process. The Iterative Waterfall Model was chosen because all requirements were known beforehand and the objective of our software development is the computerization/automation of an already existing manual working system.



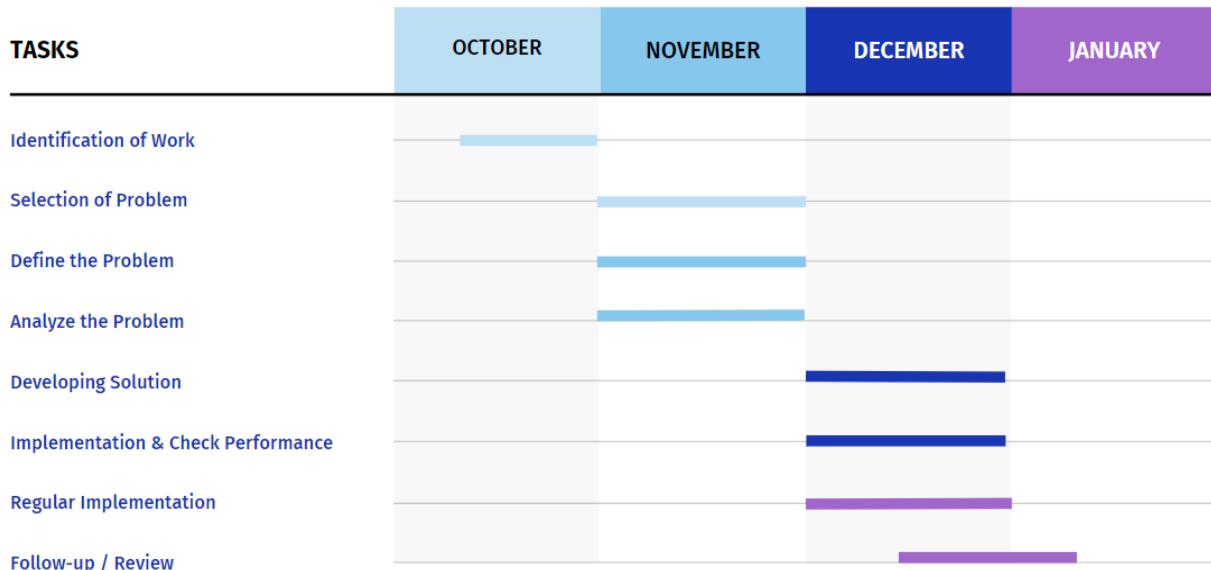
9.2 GNATT Chart

A Gantt chart is a **horizontal bar chart** developed as a production control tool in 1917 by Henry L. Gantt, an American engineer and social scientist. Frequently used in project management, a Gantt chart provides a **graphical** illustration of a schedule that helps to plan, coordinate, and track specific tasks in a project.

ID	Title	Start Date	End Date
1	Identification of Work	10/20/2021	10/31/2021
2	Selection of Problem	11/01/2021	11/30/2021
3	Define the Problem	11/01/2021	11/30/2021
4	Analyze the Problem	11/01/2021	11/30/2021
5	Developing Solution	12/01/2021	12/31/2021
6	Implementation & Check Performance	12/01/2021	12/31/2021
7	Regular Implementation	12/01/2021	12/31/2021
8	Follow-up / Review	12/01/2021	01/05/2022

GANNT CHART

*Start Date : 10/20/2021
End Date : 01/05/2022*



10. Hardware and Software Required Specification

10.1 Functional Requirements

In this section we will briefly discuss different functional requirements of different users.

10.1.1 Registration and Login

10.1.1.1 Description and Priority

Users of this system will be able to register themselves before applying for online admission, thus they can gain access to the system post login.

10.1.1.2 Stimulus/Response Sequences

Stimulus: User enters the details required for registration.

Response: System verify the details like email & password entered by the user.

Stimulus: User login into the system with respective email and password.

Response: System matches entered email and password with the database, when the details get matched grants login permission.

10.1.1.3 Functional Requirements

REQ-1: Users have to register before logging in into the system.

REQ-2: After logging in User can proceed to further process.

11. COST & BENEFIT ANALYSIS

Cost & Benefit analysis is an important part of this documentation, mainly this part is coming than the Constructive cost estimation model (COCOMO). COCOMO was introduced by Barry.W. Boehm and documentaries in this year of 1981. It is a heuristic method and is a hierarchy of three increasingly details from basic, intermediate, advance COCOMO. In 1997 another version COCOMO2 was introduce. The first version divides the whole project into three categories as Organic, Semidetached and Embedded. Now, in Organic time the projects have some features like: a) Team size is small. b) Simple software and relatively strict project. c) The team has good application experience rigid. d) Deliverable lines of code are within 50,000 loc.

In Semidetached COCOMO the rules are as follows:

- a) Team size is moderate.
- b) The team has mixed experienced level.
- c) Project requirement is rigid to less than rigid.
- d) Outside interacting is required.

In Embedded COCOMO:

- a) Team size is huge.
- b) Team has high experience level.
- c) Real time processing application.

Depending on these models we calculate efforts. Development time and person needed.

$$\text{Effort} = a * (\text{kloc})b$$

$$T_{\text{dev}} = c * (\text{Effort})d$$

$$P = \text{Effort} / T_{\text{dev}}$$

The values of a, b, c, d are as follows:

	A	B	C	D
O	2.4	1.05	2.5	0.38
S	3.0	1.12	2.5	0.35
E	3.6	1.20	2.5	0.32

$$\text{Effort} = a * (\text{kloc})b$$

[assume that the loc=22000, kloc=22]

$$= 2.4 * (22)$$

$$1.05$$

$$= 2.4 * 25.67$$

$$= 61.608 \text{ man-month}$$

$$T_{\text{dev}} = c * (\text{Effort})d$$

$$= 2.5 * (61.608)$$

$$= 2.5 * 4.786 = 11.965 \text{ month}$$

12)Software Design Specification

12.1. Introduction to System Design:

System design is the process of planning a new system or to replace the existing system. Simply, system design is like the blueprint for building, it specifies all the features that are to be in the finished product.

System design phase follows system analysis phase. Design is concerned with identifying functions, data streams among those functions, maintaining a record of the design decisions and providing a blueprint the implementation phase.

Design is the bridge between system analysis and system implementation. Some of the essential fundamental concepts involved in the design of application software are:

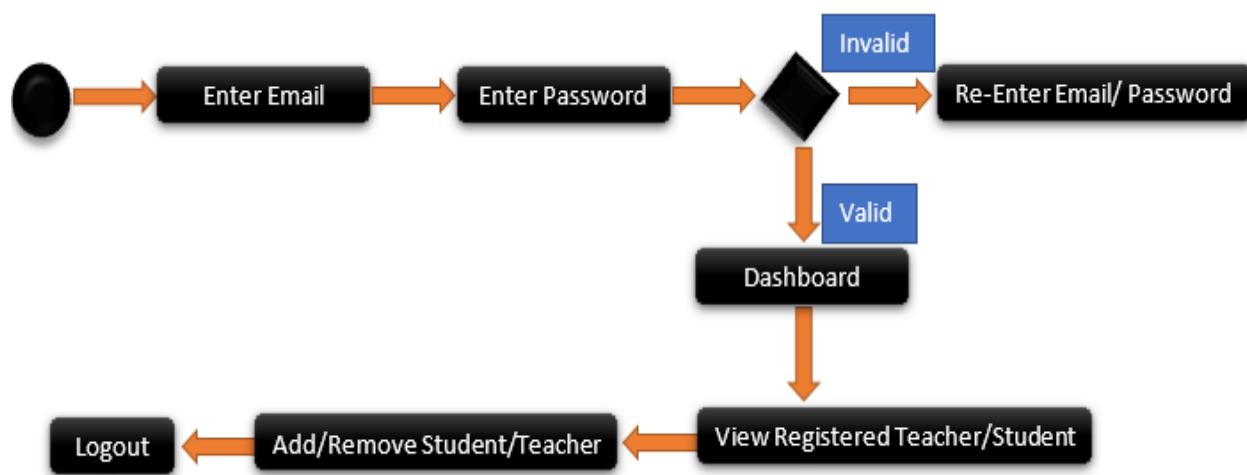
- Abstraction
- Modularity
- Verification

Abstraction is used to construct solutions to problem without having to take account of the intricate details of the various component sub problems. Abstraction allows system designer to make step-wise refinement, which at each stage of the design may hide, unnecessary details associated with representation or implementation from the surrounding environment.

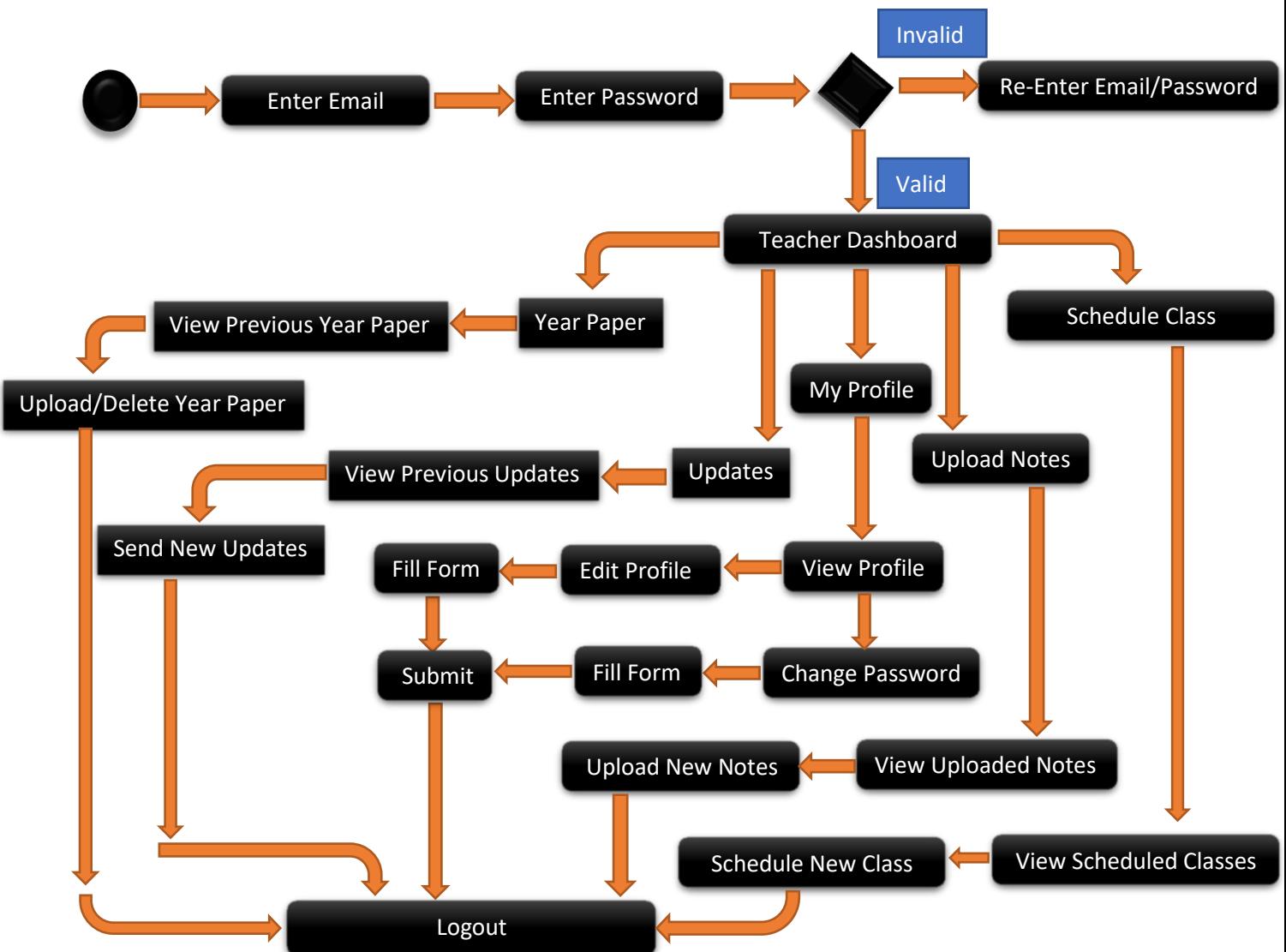
12.1.2 ACTIVITY DIAGRAM

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system. The control flow is drawn from one operation to another.

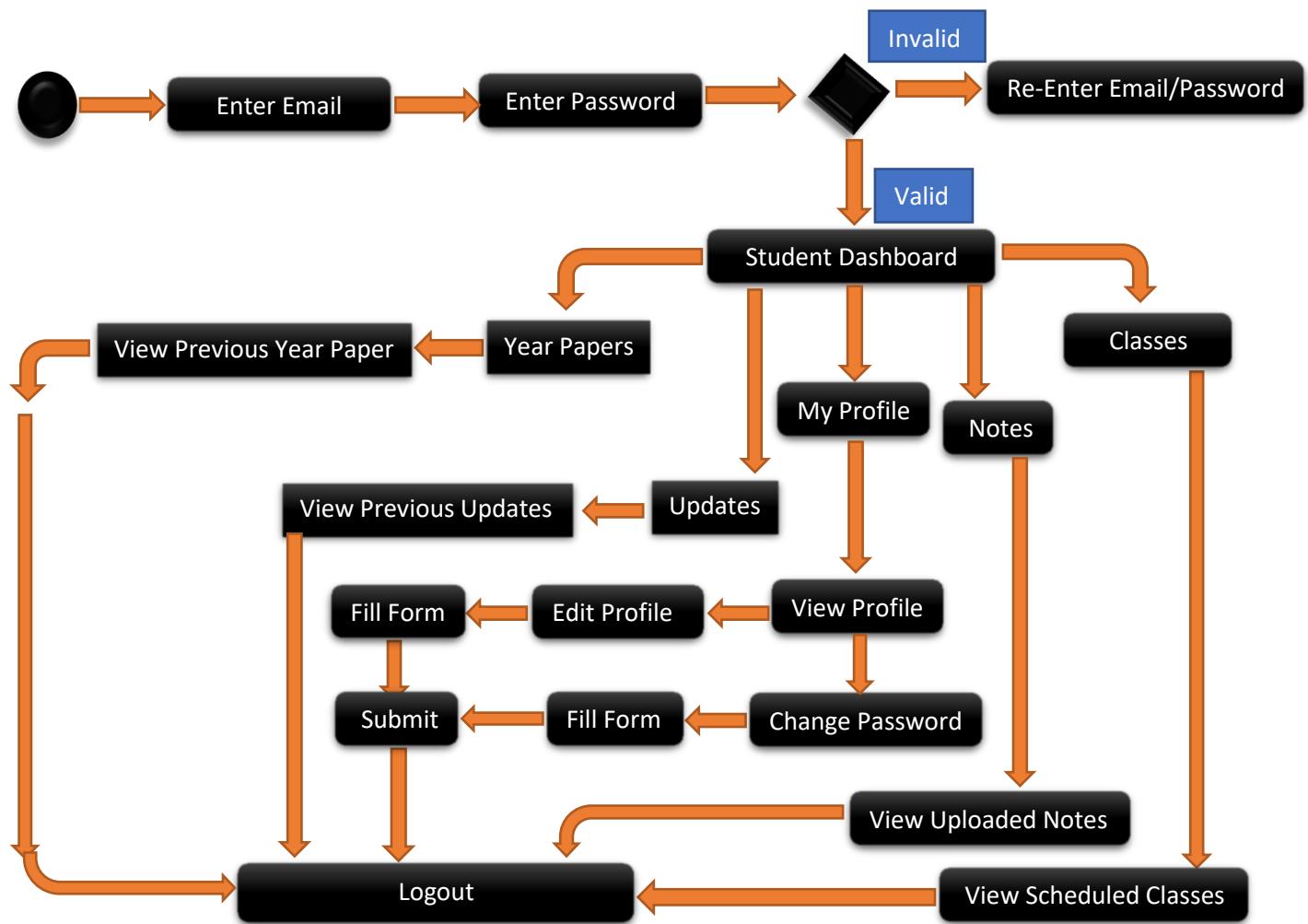
Activity Diagram for Admin:



Activity Diagram for Teacher:



Activity Diagram for Student:

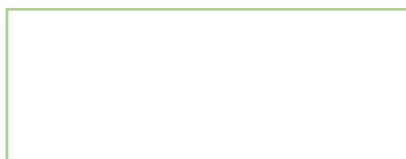


12.1.3 DATA FLOW DIAGRAM

Data models have been used in the project to realize the problem domain and solution procedures visually. Data flow diagram techniques have been depicted to identify the solution process and the way to materialize it.

Data flow diagram that demonstrates the flow of various data and information through the system. It also enables the identification of the processes that converts one set of data to another set of information. DFD is helpful to identify the entities external to the system and the data stores that should be included in the project.

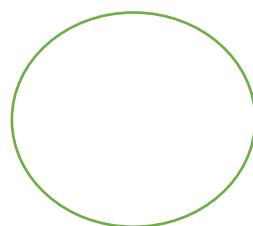
Data Flow Diagram (DFD) Symbols:



Rectangle represents the source or destination of system data also called an external entity.



Arrow represents Data flow.



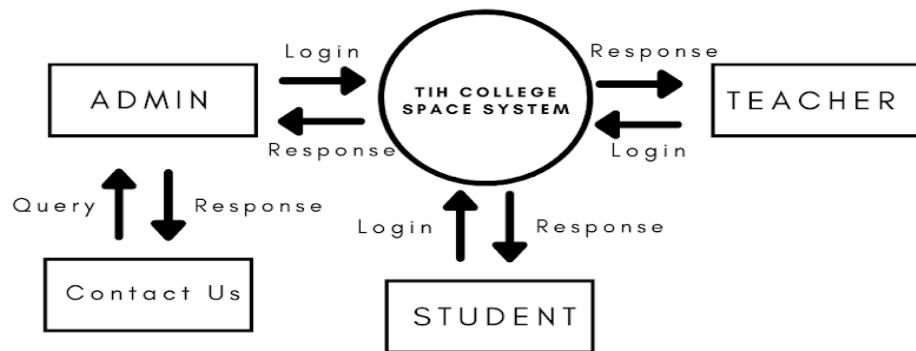
Circle or bobble represents a process that transforms data from one form to another by performing some task with the data call process.



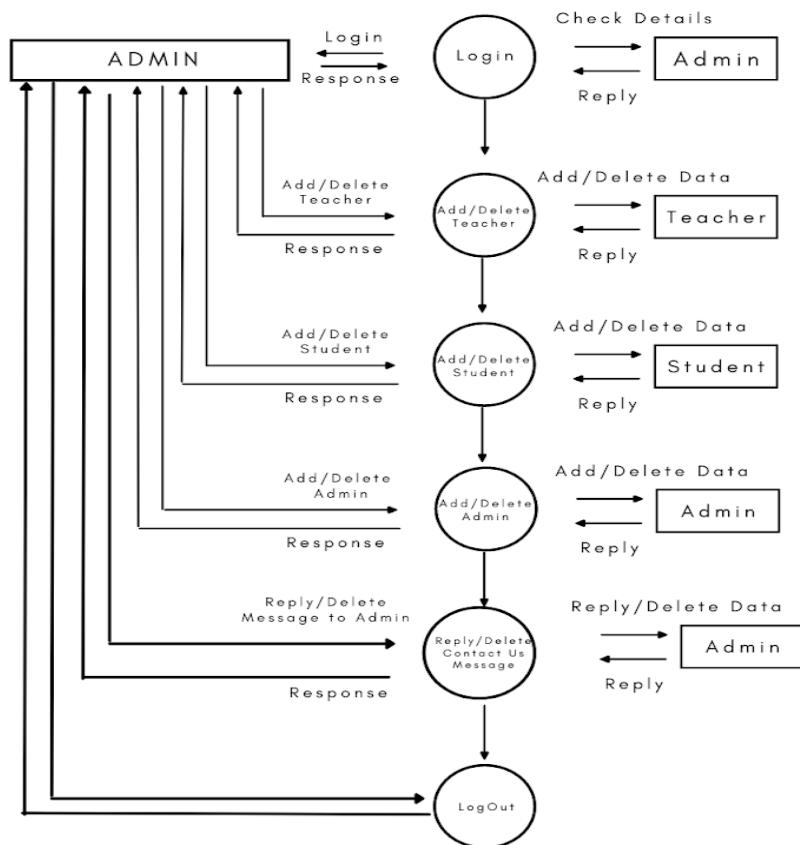
An open rectangle is datastore.
Datastore is a place where data is held temporarily from one transaction to the next or it is stored permanently.

A) DFD

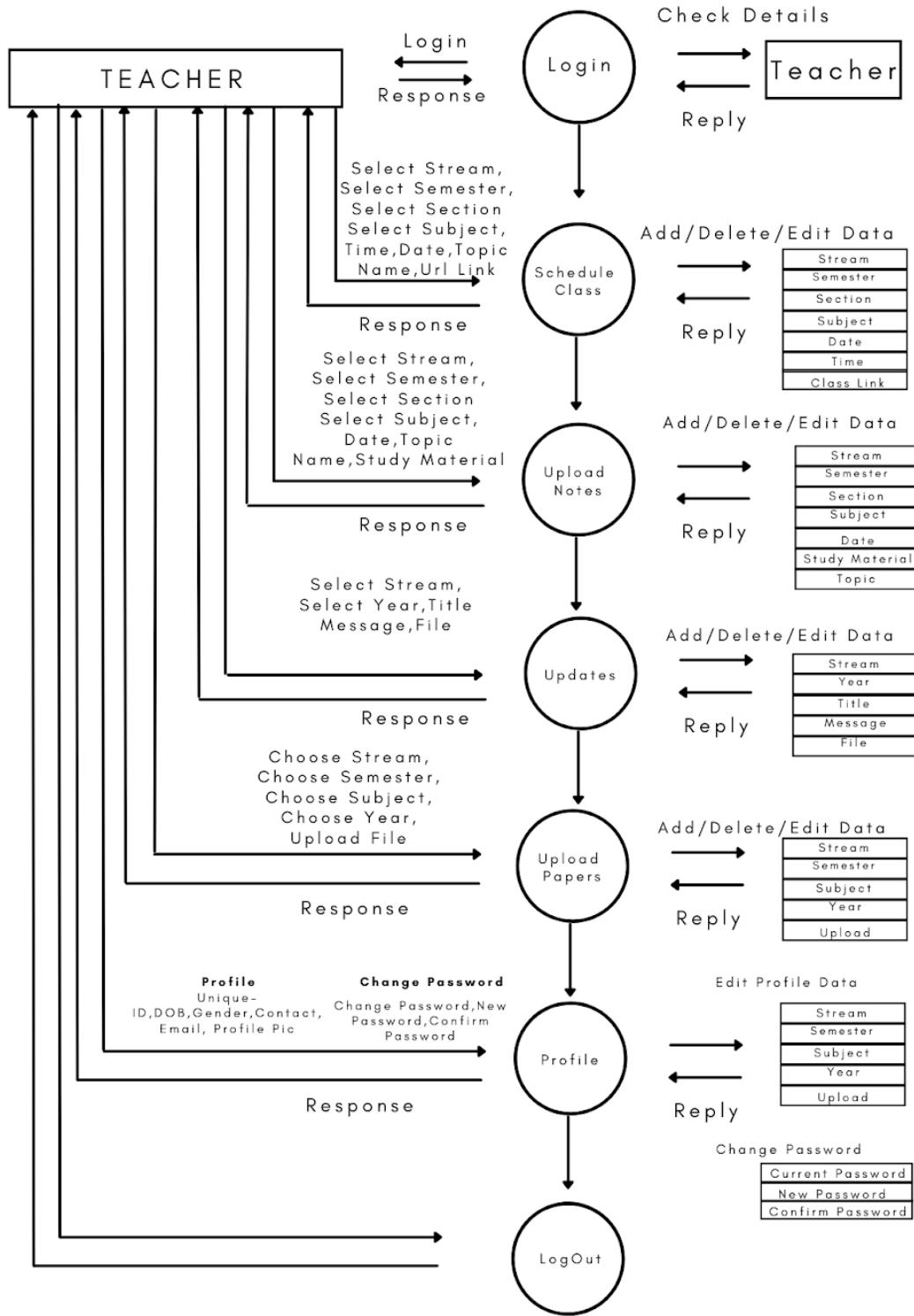
LEVEL 0 DFD:



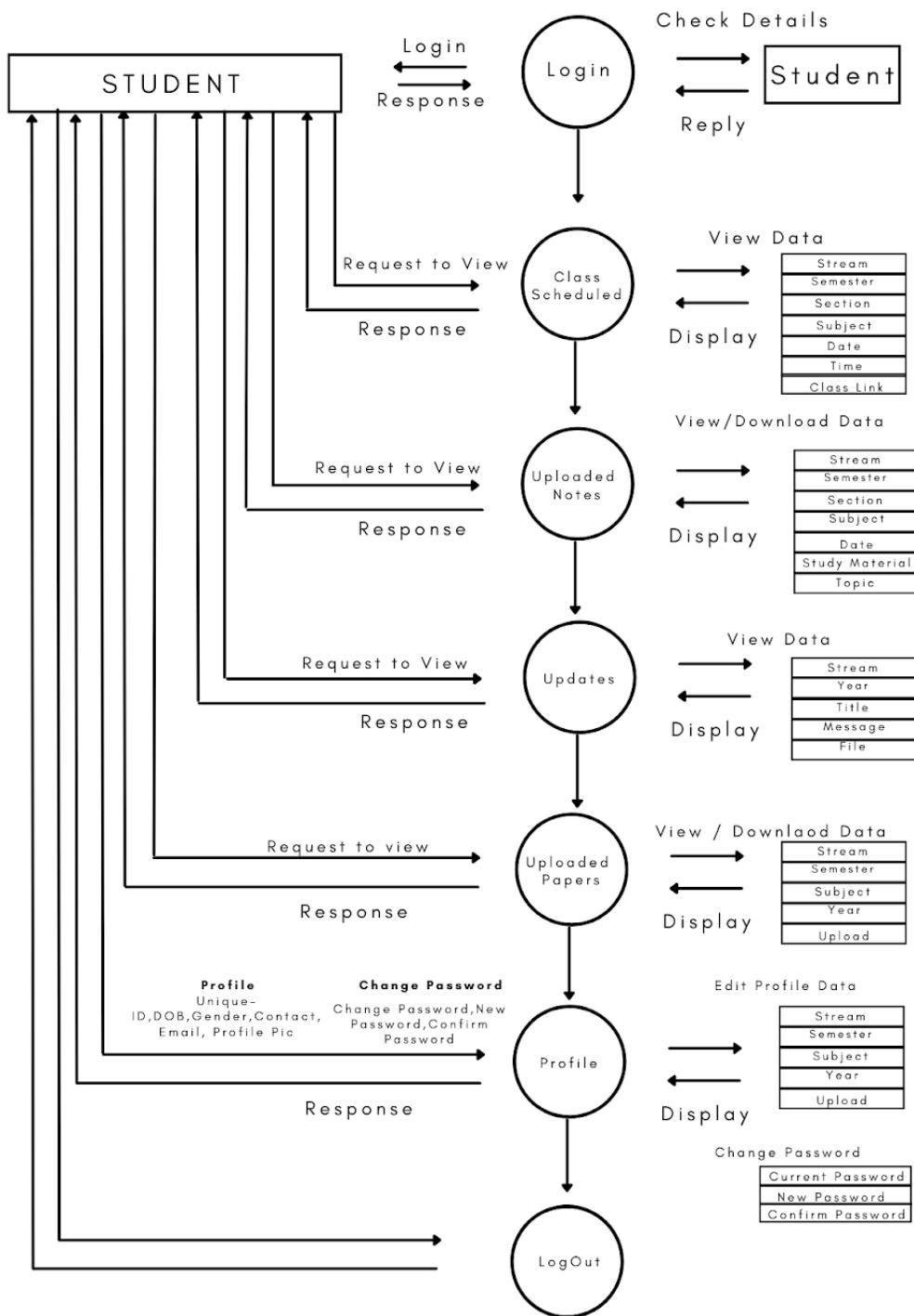
ADMIN LEVEL 1 DFD:



TEACHER LEVEL 1 DFD:



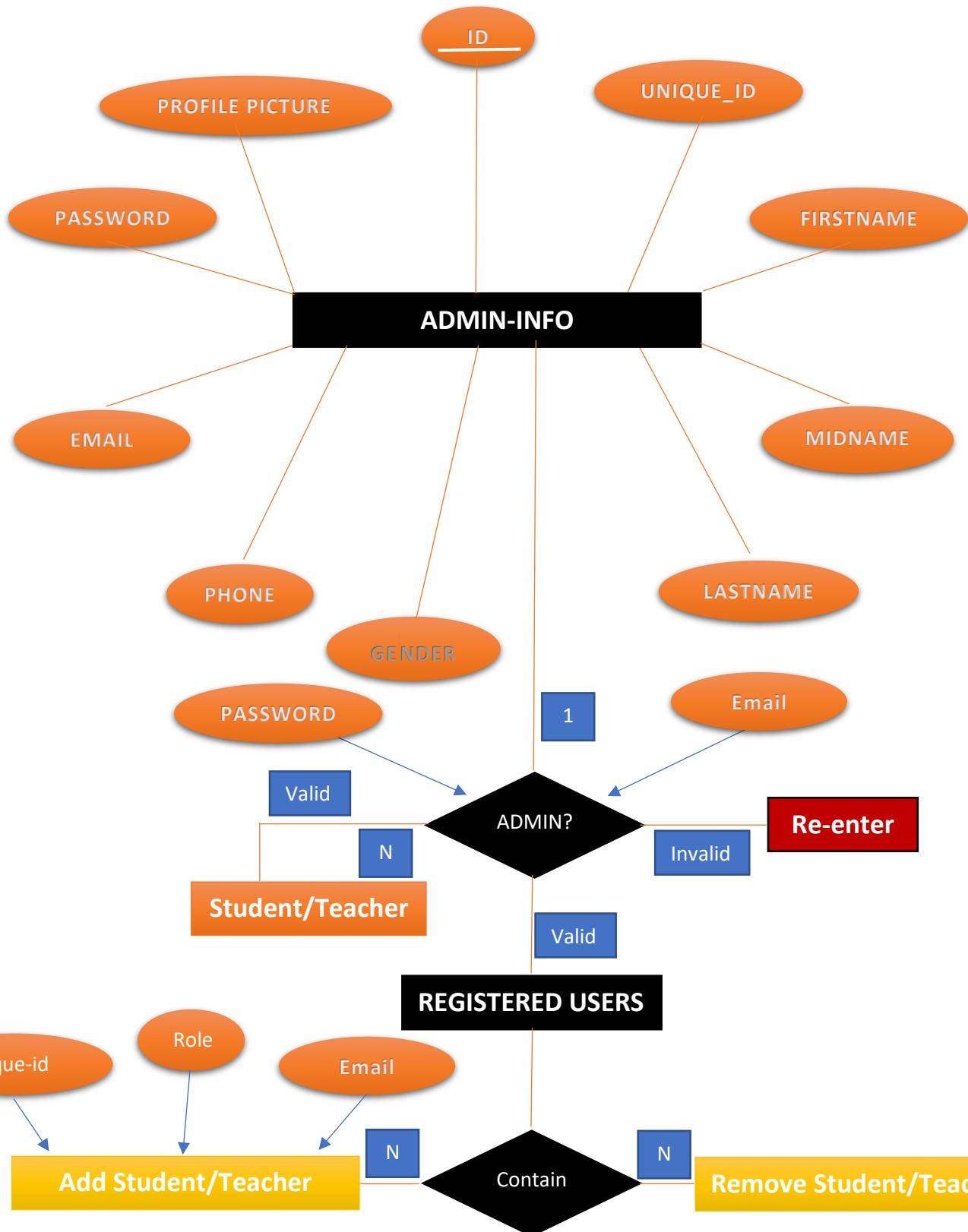
STUDENT LEVEL 1 DFD:



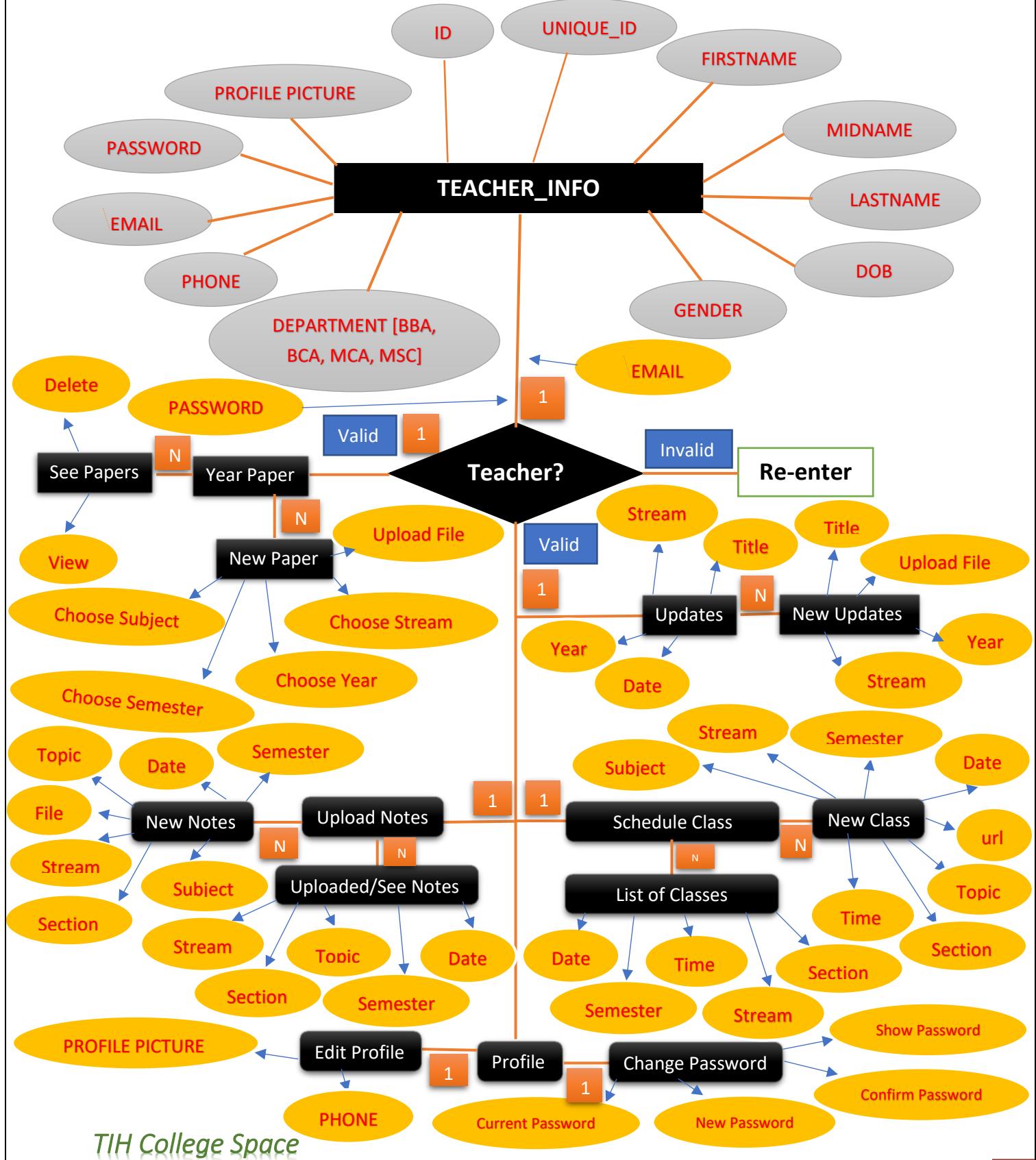
12.1.4.ENTITY-RELATIONSHIP DIAGRAM

In software engineering, an entity–relationship model (ER model) is a data model for describing the data or information aspects of a business domain or its process requirements, in an abstract way that lends itself to ultimately being implemented in a database such as a relational database. The main components of ER model sure entities (things) and the relationships that can exist among them.

ER-Diagram For Admin:



ER-Diagram For Teacher:



ER-Diagram For Student:



12) B. Database Schema(Description of table)

Database Tables

The screenshot shows a database management interface with a toolbar at the top and a table list below. The table list includes the following data:

Table	Action	Rows	Type	Collation
login	Browse Structure Search Insert Empty Drop	10	InnoDB	utf8mb4_general_ci
q_paper	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci
schedule_class	Browse Structure Search Insert Empty Drop	37	InnoDB	utf8mb4_general_ci
semesters	Browse Structure Search Insert Empty Drop	20	InnoDB	utf8mb4_general_ci
streams	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci
student	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci
subjects	Browse Structure Search Insert Empty Drop	132	InnoDB	utf8mb4_general_ci
teacher	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci
updates	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci
update_sem	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci
update_streams	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci
upload_notes	Browse Structure Search Insert Empty Drop	129	InnoDB	utf8mb4_general_ci
verification_data	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci
years	Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci
14 tables	Sum	378	InnoDB	latin1_swedish_ci

Tables with Attributes Details

login

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: login

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Operations](#)

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

Options

		id	email	password	role
<input type="checkbox"/>	Edit Copy Delete	1	admin	admin	admin
<input type="checkbox"/>	Edit Copy Delete	2	teacher	teacher	teacher
<input type="checkbox"/>	Edit Copy Delete	3	student	student	student
<input type="checkbox"/>	Edit Copy Delete	29	manishyadav01445@gmail.com	M1A2n3i4&	student
<input type="checkbox"/>	Edit Copy Delete	31	parweena224@gmail.com	mood#99	student
<input type="checkbox"/>	Edit Copy Delete	32	gaurav.jha.1703@gmail.com	12345	student
<input type="checkbox"/>	Edit Copy Delete	33	nandanipuja234@gmail.com	nandani2001	student
<input type="checkbox"/>	Edit Copy Delete	34	debojyotidas9294@gmail.com	rivu2016	teacher
<input type="checkbox"/>	Edit Copy Delete	36	sayandipart598@gmail.com	sayandip	student
<input type="checkbox"/>	Edit Copy Delete	37	rajendra250601@gmail.com	Rahul	teacher
<input type="checkbox"/>	Edit Copy Delete	38	ronitsingh7003@gmail.com	teacher	teacher
<input type="checkbox"/>	Edit Copy Delete	39	atulgiri21dec@gmail.com	Atul2012	student

[Check all](#) With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

message

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: message

Browse Structure SQL Search Insert Export Import Operations

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	Name	email	message	status
<input type="checkbox"/>	Edit Copy Delete	1	DEBOJYOTI DAS	debojoyotidas9294@gmail.com	hello	1
<input type="checkbox"/>	Edit Copy Delete	4	Rajendra Kumar Shaw	rajendra250601@gmail.com	Hello, This is Rajendra	1
<input type="checkbox"/>	Edit Copy Delete	5	Debojyoti Das	debojoyotidas9294@gmail.com	Hello	1
<input type="checkbox"/>	Edit Copy Delete	7	Cyberchan	mailforrahul01@gmail.com	I wanna join you	1
<input type="checkbox"/>	Edit Copy Delete	8	Shinchan	mailforrahul01@gmail.com	Hello	0
<input type="checkbox"/>	Edit Copy Delete	9	Ronit	ronitsingh7003@gmail.com	Help	0
<input type="checkbox"/>	Edit Copy Delete	10	Sandip kumar shar	Sandipshaw442000@gmail.com	I wanna join you	1
<input type="checkbox"/>	Edit Copy Delete	11	DEBOJYOTI DAS	debojoyotidas9294@gmail.com	hi	0
<input type="checkbox"/>	Edit Copy Delete	12	Ronit Singh	ronitsingh7003@gmail.com	abcdgs	0
<input type="checkbox"/>	Edit Copy Delete	13	Ronit Singh	ronitsingh7003@gmail.com	abcdgs	0
<input type="checkbox"/>	Edit Copy Delete	14	sumit	ronitsingh7003@gmail.com	testing	0
<input type="checkbox"/>	Edit Copy Delete	15	robot	ronitsingh7003@gmail.com	hello robot	0

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Q_Paper

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: q_paper

Browse Structure SQL Search Insert Export Import Operations

SELECT * FROM `q_paper` Profiling [Edit inline] [Edit] [Export]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	teacher_id	stream	semester	subject	year	question_paper	date
<input type="checkbox"/>	Edit Copy Delete	26		1	3	15	2019	b.jpeg	2021-12-25 04:20:10
<input type="checkbox"/>	Edit Copy Delete	27		4	18	113	2019	15201219063_Output.PNG	2021-12-25 15:55:23
<input type="checkbox"/>	Edit Copy Delete	28		1	4	24	2016	b.jpeg	2021-12-28 15:52:13
<input type="checkbox"/>	Edit Copy Delete	36		4	17	106	2012	.../QuestionPaper/MSC/SEM1/MICS-101 Discrete Mat...	2021-12-31 10:16:03
<input type="checkbox"/>	Edit Copy Delete	38		4	17	107	2014	.../QuestionPaper/MSC/SEM1/MICS-102 Linear Algeb...	2021-12-31 10:44:23
<input type="checkbox"/>	Edit Copy Delete	39		4	17	108	2015	.../QuestionPaper/MSC/SEM1/MICS-103 Computer Net...	2021-12-31 15:09:28

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Schedule_class

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: schedule_class

Browse Structure SQL Search Insert Export Import Operations

Showing rows 0 - 1 (2 total, Query took 0.0005 seconds.)

```
SELECT * FROM `schedule_class`
```

Profiling [Edit inline] [Edit]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	faculty_id	faculty_name	stream	sem	section	subject	topic	date	time	classlink
<input type="checkbox"/>	1	15201219026	Ronit Singh	BCA	SEM1	Beta	BCAN-102 Environment Studies	testing	2022-01-14	11:20:00	
<input type="checkbox"/>	2	15201219026	Ronit Singh	BCA	SEM3	Combined	BCAN-301 Operating System	hrloo	2022-01-12	00:00:00	

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Semesters

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: semesters

Browse Structure SQL Search Insert Export Import Operations

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	sem	streams_id
<input type="checkbox"/>	1	SEM1	1
<input type="checkbox"/>	2	SEM2	1
<input type="checkbox"/>	3	SEM3	1
<input type="checkbox"/>	4	SEM4	1
<input type="checkbox"/>	5	SEM5	1
<input type="checkbox"/>	6	SEM6	1
<input type="checkbox"/>	7	SEM1	2
<input type="checkbox"/>	8	SEM2	2
<input type="checkbox"/>	9	SEM3	2
<input type="checkbox"/>	10	SEM4	2
<input type="checkbox"/>	11	SEM5	2
<input type="checkbox"/>	12	SEM6	2
<input type="checkbox"/>	13	SEM1	3
<input type="checkbox"/>	14	SEM2	3
<input type="checkbox"/>	15	SEM3	3
<input type="checkbox"/>	16	SEM4	3

Streams

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: streams

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Operations](#)

Showing rows 0 - 3 (4 total, Query took 0.0005 seconds.)

```
SELECT * FROM `streams`
```

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options [Edit](#) [Copy](#) [Delete](#)

	Edit	Copy	Delete	id	stream
<input type="checkbox"/>	Edit	Copy	Delete	1	BCA
<input type="checkbox"/>	Edit	Copy	Delete	2	BBA
<input type="checkbox"/>	Edit	Copy	Delete	3	MCA
<input type="checkbox"/>	Edit	Copy	Delete	4	MSC

[Check all](#) With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Student

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: student

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Operations](#)

Showing rows 0 - 6 (7 total, Query took 0.0056 seconds.)

```
SELECT * FROM `student`
```

[Profiling](#) [Edit inline](#) [Edit](#) [Explain SQL](#) [Create PHP code](#) [Refresh](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options [Edit](#) [Copy](#) [Delete](#)

	Edit	Copy	Delete	id	unique_id	firstname	midname	lastname	dob	gender	stream	section	semester	phone	email	password	photo
<input type="checkbox"/>	Edit	Copy	Delete	1	15201219115	kkk	lll	mmm	2019-11-10	male	BCA	beta	semester4	0000000000	mailforhacking2345@gmail.com	mmmmmm	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	2	15201219054	MANISH	KUMAR	YADAV	2000-06-07	male	BCA	Alpha	SEM1	6290803640	manishyadav01445@gmail.com	M1A2n3i4&	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	3	15201219063	GULAFSHAN		PARWEEN	2001-03-20	female	BCA	Alpha	SEM5	6290747851	parweena224@gmail.com	mood#99	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	4	15201219086	GAURAV		JHA	2001-03-17	male	BCA	Beta	SEM5	7370857827	gaurav.jha.1703@gmail.com	12345	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	5	15201220115	Nandani		Singh	2001-09-22	female	BCA	Beta	SEM3	7439576723	nandanipuja234@gmail.com	nandani2001	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	6	15201219115	Sayandip		Naskar	1999-02-01	male	BCA	Beta	SEM5	9875472566	sayandipart598@gmail.com	sayandip	images/1520
<input type="checkbox"/>	Edit	Copy	Delete	7	15201219025	Atul		Kumar	2001-12-21	male	BCA	Alpha	SEM5	8481823182	atulgiri21dec@gmail.com	Atul2012	images/1520

[Check all](#) With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Subjects

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: subjects

Browse Structure SQL Search Insert Export Import Operations

1 > >> Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	subject	semesters_id
<input type="checkbox"/>		2	BCAN-102 Environment Studies	1
<input type="checkbox"/>		3	BCAN-103 C Programming	1
<input type="checkbox"/>		4	BMN-101 Basic Mathematical Computation	1
<input type="checkbox"/>		5	BCAN-193 Programming Lab with C	1
<input type="checkbox"/>		6	BCAN-181 PC Software Lab	1
<input type="checkbox"/>		7	BCAN-201 Computer Architecture	2
<input type="checkbox"/>		8	BCAN-202 Software Engineering	2
<input type="checkbox"/>		9	BCAN-203 Data Structure with C	2
<input type="checkbox"/>		10	BMN-201 Advanced Mathematical Computation	2
<input type="checkbox"/>		11	HUN-201 English Language and Communication	2
<input type="checkbox"/>		12	BCAN-293 Data Structure Lab with C	2
<input type="checkbox"/>		13	HUN-291 Business Presentation and Language Lab	2
<input type="checkbox"/>		14	BCAN-301 Operating System	3
<input type="checkbox"/>		15	BCAN-E302A Object Oriented Programming with C++	3
<input type="checkbox"/>		16	BCAN-E302B GUI Programming with .NET	3
<input type="checkbox"/>		17	BCAN-303 Computer Graphics	3
<input checked="" type="checkbox"/>		18	BMN-301 Mathematics for Computing	3

Teacher

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: teacher

Browse Structure SQL Search Insert Export Import Operations

Showing rows 0 - 2 (3 total, Query took 0.0005 seconds.)

SELECT * FROM `teacher`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	unique_id	firstname	midname	lastname	dob	gender	bca	bba	mca	msc	phone	email	password	photo
<input type="checkbox"/>		30	15201219048	DEBOJYOTI	DAS		1999-10-15	male	1	1	1	1	6290289140	debojyotidas9294@gmail.com	rivu2016	images/15201219048
<input type="checkbox"/>		32	15201219115	Rajendra	Kumar	Shaw	2001-06-25	male	1	0	1	0	7980998131	rajendra250601@gmail.com	Rahul	images/15201219115
<input type="checkbox"/>		33	15201219026	Ronit		Singh	2001-08-03	male	1	0	1	0	7003622801	ronitsingh7003@gmail.com	teacher	images/15201219026

Updates

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: updates

	id	stream	year	title	message	file	date	time
<input type="checkbox"/>	1	ALL	ALL	College Reopening	It is hereby notify that college is reopening on 16...		2021-12-12	03:04:30am
<input type="checkbox"/>	2	ALL	ALL	College Reopening	It is hereby notify that college is reopening on 16...		2021-12-12	03:05:53am
<input type="checkbox"/>	3	ALL	ALL	spark quest 3.0	spark quest 3.0 is coming soon		2021-12-15	12:54:30am
<input type="checkbox"/>	4	BCA	Second Year	bca	hello hifive		2021-12-23	02:03:25am
<input type="checkbox"/>	5	BCA	First Year	Team Exchanger	We glad to inform you our project is going to comp...	Updates/xx.PNG	2021-12-26	04:46:29am
<input type="checkbox"/>	6	BCA	First Year	Team Exchanger	We glad to inform you our project is going to comp...	Updates/xx.PNG	2021-12-26	04:48:06am
<input type="checkbox"/>	7	BCA	Second Year	Exam Form Fillup	Fillup the exam form from 4th january 2021.		2021-12-28	01:34:40am
<input type="checkbox"/>	8	BCA	Second Year	Exam Form Fillup	Fillup the exam form from 4th january 2021.		2021-12-28	01:35:27am
<input type="checkbox"/>	9	ALL	ALL	Double File Checking		Updates/bca-bca-602c-advanced-database-management-...	2021-12-28	09:53:25am
<input type="checkbox"/>	10	ALL	ALL	3 Files		Updates/bca-bca-602c-advanced-database-management-...	2021-12-28	10:28:03am
<input type="checkbox"/>	11	BCA	Second Year	Indian Timezone	Current time is 10:02pm	Updates/	2021-12-28	10:03:01pm
<input type="checkbox"/>	12	BBA	Second Year	xyz			2021-12-31	11:31:35pm
<input type="checkbox"/>	13	BCA	First Year	happy new year			2021-12-31	11:41:23pm
<input type="checkbox"/>	14	BCA	First Year	testing			2021-12-31	11:43:17pm
<input type="checkbox"/>	15	BCA	First Year	testing2	hello		2021-12-31	11:45:01pm
<input type="checkbox"/>	16	BCA	Second Year	etes			2021-12-31	11:45:15pm
<input type="checkbox"/>	17	BBA	Third Year	tes			2021-12-31	11:46:14pm
<input checked="" type="checkbox"/>	Console	Conv	RCB					

Updates_sem

Server: sq302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: update_sem

	id	sem
<input type="checkbox"/>	1	ALL
<input type="checkbox"/>	2	SEM1
<input type="checkbox"/>	3	SEM2
<input type="checkbox"/>	4	SEM3
<input type="checkbox"/>	5	SEM4
<input type="checkbox"/>	6	SEM5
<input type="checkbox"/>	7	SEM6

Check all With selected:

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Update_streams

The screenshot shows the phpMyAdmin interface for the 'update_streams' table. The top navigation bar includes tabs for Server, Database, and Table, with the current table set to 'update_streams'. Below the navigation is a toolbar with links for Browse, Structure, SQL, Search, Insert, Export, Import, and Operations. A message bar indicates 'Showing rows 0 - 4 (5 total, Query took 0.0004 seconds.)'. The SQL query 'SELECT * FROM `update_streams`' is displayed in the query editor. The main area shows the table structure with columns: id and stream. Data rows are listed with actions: Edit, Copy, Delete. The table has 5 rows: 1 (ALL), 2 (BCA), 3 (BBA), 4 (MCA), and 5 (MSC). Navigation controls like Show all, Number of rows (set to 25), Filter rows, Sort by key (None), and a search bar are present at the bottom.

Update_note

The screenshot shows the phpMyAdmin interface for the 'upload_notes' table. The top navigation bar includes tabs for Server, Database, and Table, with the current table set to 'upload_notes'. Below the navigation is a toolbar with links for Browse, Structure, SQL, Search, Insert, Export, Import, and Operations. The main area shows the table structure with columns: id, faculty_id, faculty_name, stream, sem, section, subject, topic, date, file, and recordinglink. Data rows are listed with actions: Edit, Copy, Delete. The table has 14 rows, all belonging to faculty_id 1 (Subrata Saha) and stream BCA. The 'topic' column consistently shows 'Codechef code'. The 'date' column shows dates from 2021-12-03 to 2021-12-01. The 'file' column lists various note files. The 'recordinglink' column contains URLs such as <https://youtu.be/XcVuLO2DIB8>. Navigation controls like Show all, Number of rows (set to 25), Filter rows, Sort by key (None), and a search bar are present at the bottom.

Verification_data

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: verification_data

Browse Structure SQL Search Insert Export Import Operations

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	unique_id	email	role	otp	status
<input type="checkbox"/>	Edit Copy Delete	2	15201219025	atulgiri21dec@gmail.com	student	577177	1
<input type="checkbox"/>	Edit Copy Delete	4	15201219063	parweena224@gmail.com	student	408282	1
<input type="checkbox"/>	Edit Copy Delete	5	15201219054	manishyadav01445@gmail.com	student	847350	1
<input type="checkbox"/>	Edit Copy Delete	6	15201219048	debojoyotidas9294@gmail.com	teacher	442866	0
<input type="checkbox"/>	Edit Copy Delete	7	15201220115	nandanipuja234@gmail.com	student	439918	1
<input type="checkbox"/>	Edit Copy Delete	9	15201219086	gaurav.jha.1703@gmail.com	student	995903	1
<input type="checkbox"/>	Edit Copy Delete	11	15201219115	sayandipart598@gmail.com	student	228915	1
<input type="checkbox"/>	Edit Copy Delete	16	15201219115	rajendra250601@gmail.com	teacher	678573	0
<input type="checkbox"/>	Edit Copy Delete	17	15201219026	ronitsingh7003@gmail.com	teacher	910394	0
<input type="checkbox"/>	Edit Copy Delete	18	12345	atulgiri21dec@gmail.com	student	577177	1

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Year

Server: sql302.epizy.com » Database: epiz_30514950_tihcollegespace » Table: year

Browse Structure SQL Search Insert Export Import Operations

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		year_id	year
<input type="checkbox"/>	Edit Copy Delete	1	2012
<input type="checkbox"/>	Edit Copy Delete	2	2013
<input type="checkbox"/>	Edit Copy Delete	3	2014
<input type="checkbox"/>	Edit Copy Delete	4	2015
<input type="checkbox"/>	Edit Copy Delete	5	2016
<input type="checkbox"/>	Edit Copy Delete	6	2017
<input type="checkbox"/>	Edit Copy Delete	7	2018
<input type="checkbox"/>	Edit Copy Delete	8	2019
<input type="checkbox"/>	Edit Copy Delete	9	2020
<input type="checkbox"/>	Edit Copy Delete	10	2021

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Years

Server: sql302.epizy.com > Database: epiz_30514950_tihcollegespace > Table: years

Browse Structure SQL Search Insert Export Import Operations

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	year	stream_id
<input type="checkbox"/>	 Edit Copy Delete	1	First Year	2
<input type="checkbox"/>	 Edit Copy Delete	2	Second Year	2
<input type="checkbox"/>	 Edit Copy Delete	3	Third Year	2
<input type="checkbox"/>	 Edit Copy Delete	4	First Year	3
<input type="checkbox"/>	 Edit Copy Delete	5	Second Year	3
<input type="checkbox"/>	 Edit Copy Delete	6	Third Year	3
<input type="checkbox"/>	 Edit Copy Delete	7	First Year	4
<input type="checkbox"/>	 Edit Copy Delete	8	Second Year	4
<input type="checkbox"/>	 Edit Copy Delete	9	First Year	5
<input type="checkbox"/>	 Edit Copy Delete	10	Second Year	5
<input type="checkbox"/>	 Edit Copy Delete	11	ALL	1

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

13) Methodology used for testing and some testing results

13.1. Testing Strategies & Test Plan:

System testing is the stage before system implementation where the system is made error free and all the needed modifications are made. The system was tested with test data and necessary corrections to the system were carried out. All the reports were checked by the user and approved. The system was very user friendly with online help to assist the user wherever necessary.

A test plan is a general document for the entire project, which defines the scope, approach to be taken, and schedule of testing, as well as identifying the test item for the entire testing process, and the personal responsible for the different activities of testing. This document describes the plan for testing, the knowledge management tool.

Major testing activities are:

- Test units
- Features to be tested
- Approach for testing
- Test deliverable
- Schedule
- Personal allocation

13.2. TEST CASES & TEST RESULT :

A test case is a document that describe an input, action, or event and expected response, to determine if a feature of an application is working correctly. A test case should contain particular such as test case identifier, test condition, input data Requirement expected results. The process of developing test cases can help find problems in the requirement or design of an application, since it requires completely thinking through the operation of the application.

Testing Steps are –

a) Unit Testing (Black Box) :

Unit testing focuses efforts on the smallest unit of software design. This is known as module testing. The modules are tested separately. The test is carried out during programming stag itself. In this step, each module is found to be working satisfactory as regards to the expected output from the module.

b) Integration Testing:

Data can be lost across an interface. One module can have an adverse effect on another, sub functions, when combined, may not be linked in desired manner in major functions. Integration testing is a systematic approach for constructing the program structure, while at the same time conducting test to uncover errors associated within the interface. The objective is to take unit tested modules and builds program structure. All the modules are combined and tested as a whole.

- **Test Case 1 : (Admin Login)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	1
Test Case Name :	Login
Test Case Description :	Password so that he/she can able to go for the further options. The test case will check the application for the same since a user can only login with the correct email-id and password
Item(s) To Be Tested	
1	Verification of the email-id and password with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Password.	1. Successful Login
2) Incorrect email_id or Password.	2. Failure Message

- **Test Case 2 : (Admin Registration)**

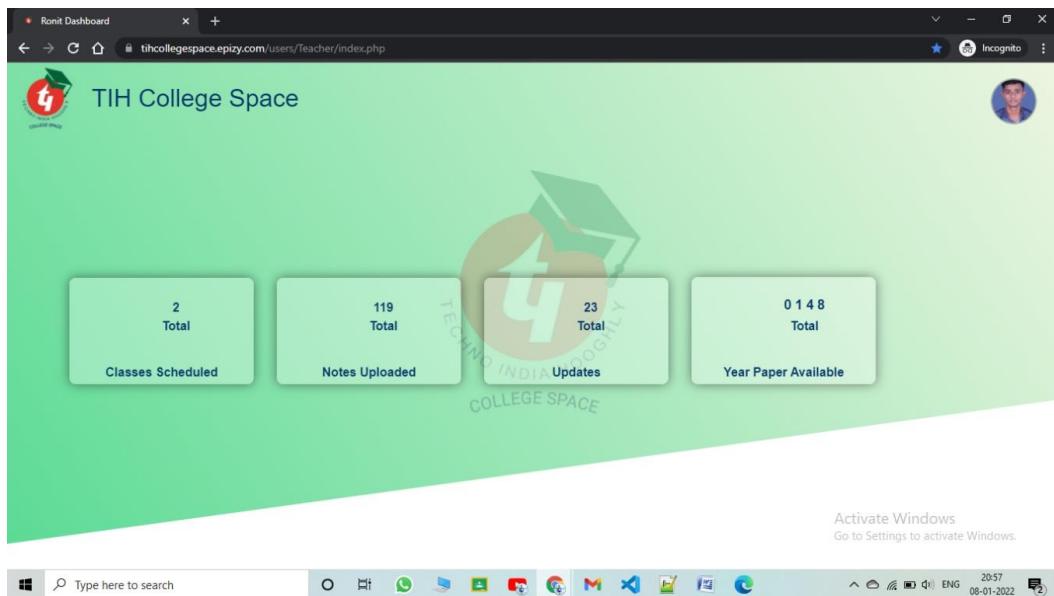
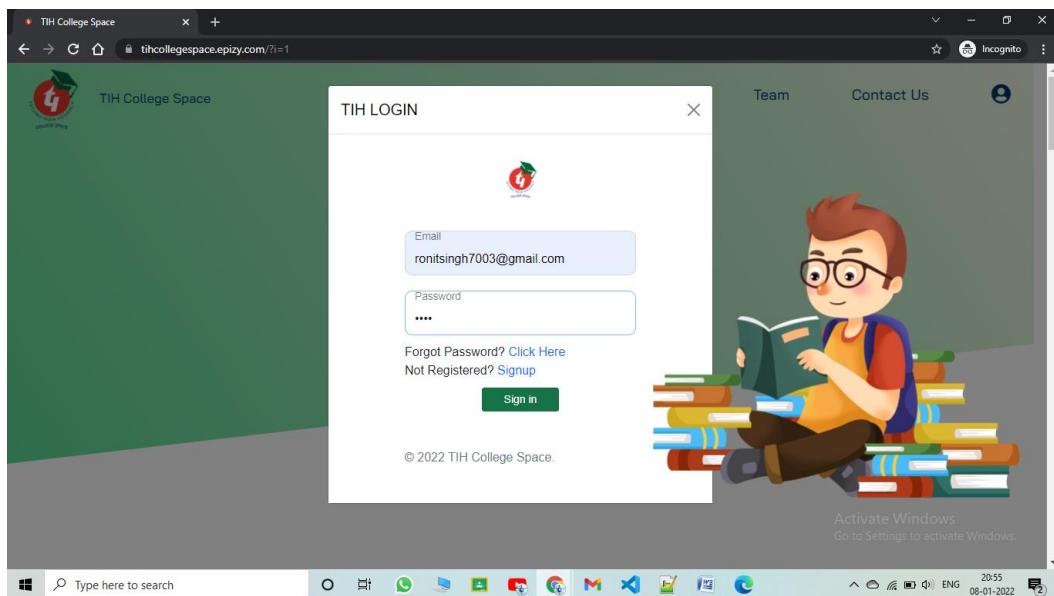
Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	2
Test Case Name :	Registration
Test Case Description :	
Item(s) To Be Tested	
2	Verification of the email-id and role with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Role.	1. Successful Registration
2) Incorrect email_id or Role.	2. Failure Message

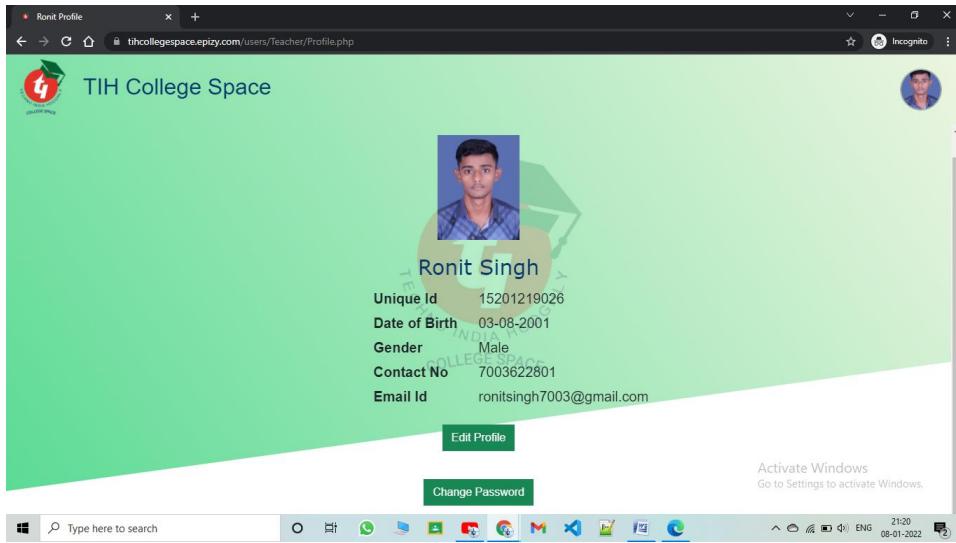
- **Test Case 3 : (Teacher Login)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	3
Test Case Name :	Login
Test Case Description :	Password so that he/she can able to go for the further options. The test case will check the application for the same since a user can only login with the correct email-id and password
Item(s) To Be Tested	
3	Verification of the email-id and password with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Password. 2) Incorrect email_id or Password.	1. Successful Login 2. Failure Message

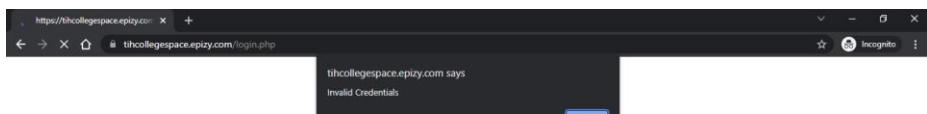
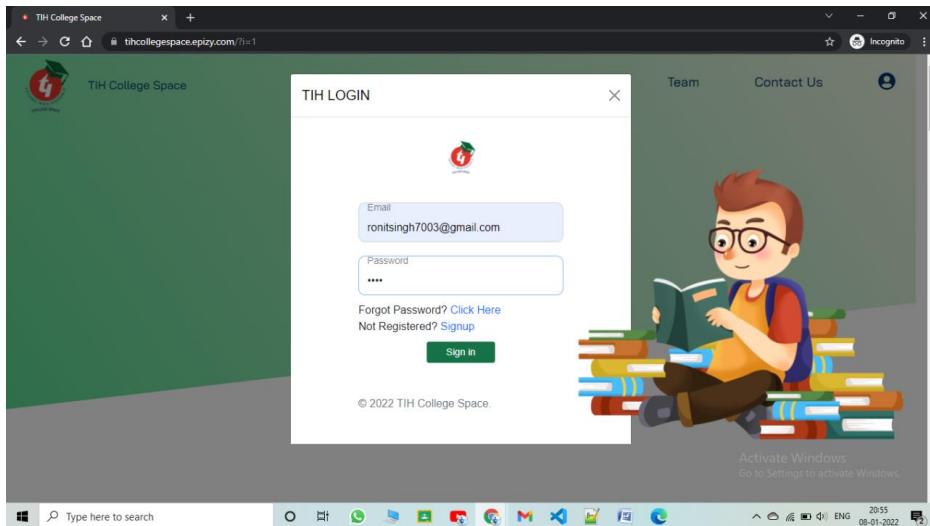
Test Result 3 : (Teacher login)

a) Successful Login for Correct Email-id & Password:





b) Failure Message for Incorrect Email –id or Password

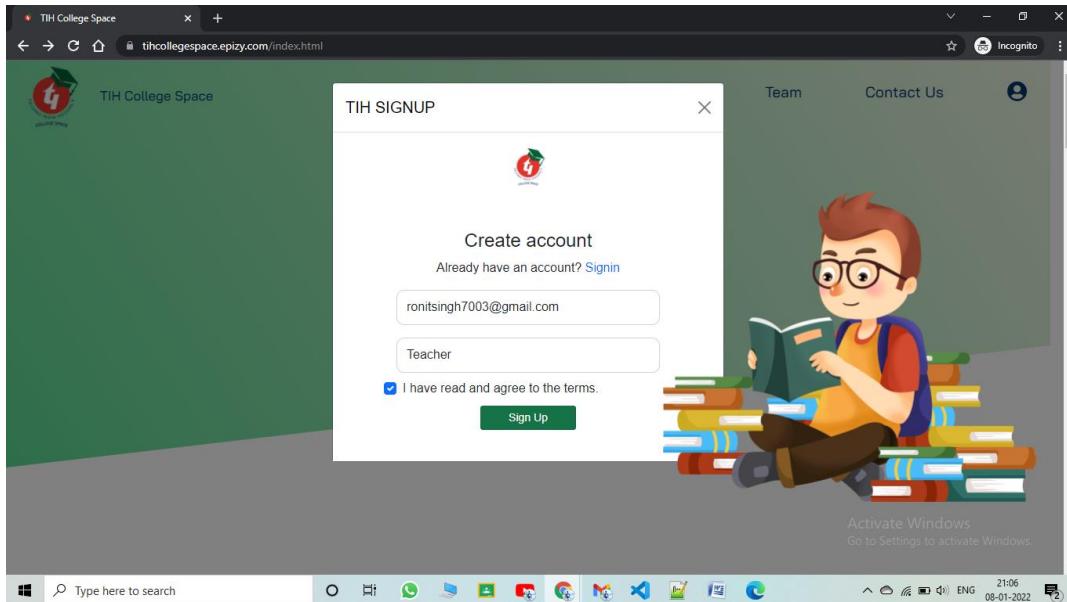


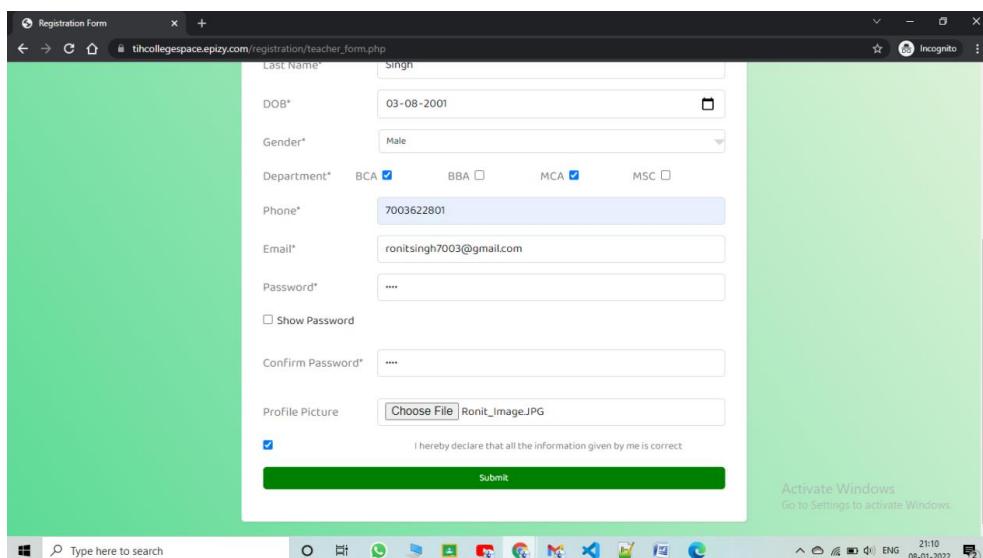
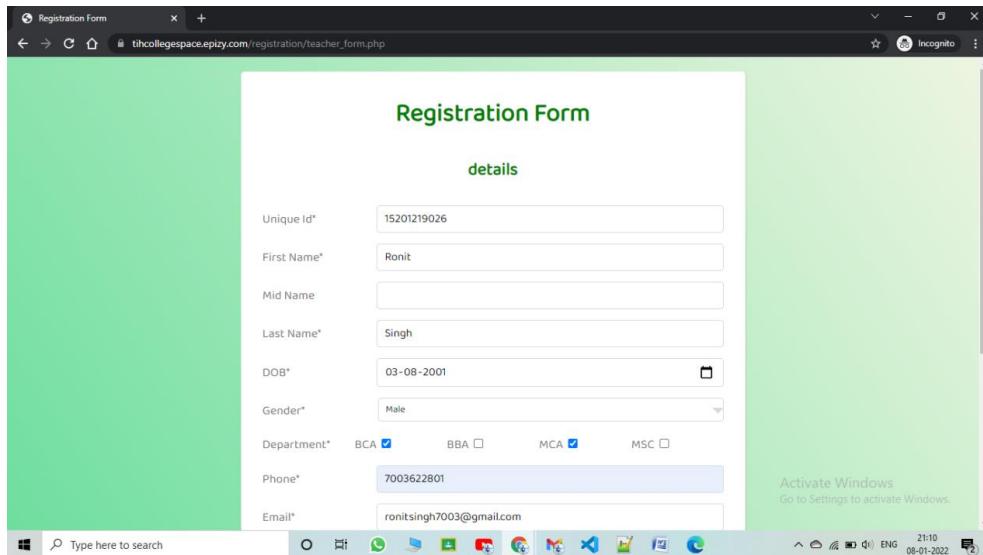
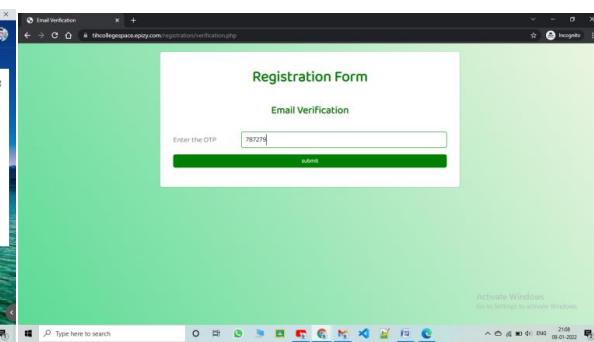
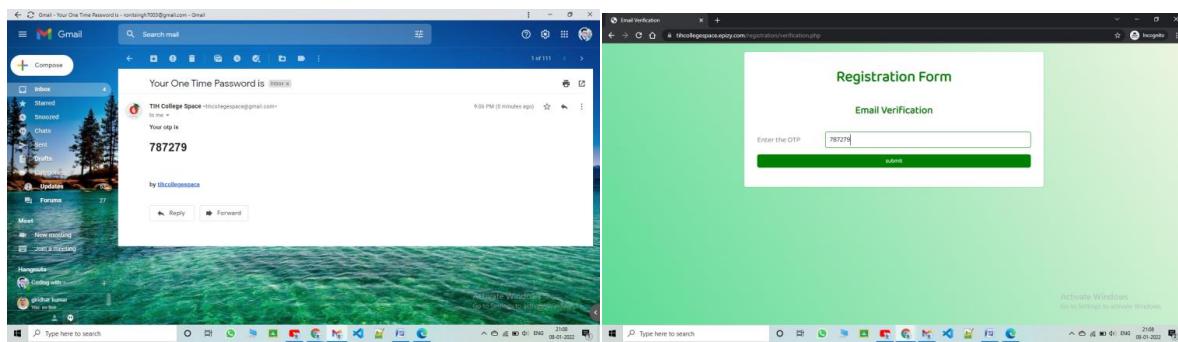
- **Test Case 4 : (Teacher Registration)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	4
Test Case Name :	Registration
Test Case Description :	
Item(s) To Be Tested	
4	Verification of the email-id and role with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Role.	1. Successful Registration
2) Incorrect email_id or Role.	2. Failure Message

Test Result 4 : (Teacher Registration)

a) Successful Registered for verified Email-id





b) Registration failed for Un-verified emails

The screenshot shows a Microsoft Edge browser window with an 'Incognito' tab open. The address bar displays <https://tihcollegespace.epizy.com/index.html>. The main content area is titled 'TIH SIGNUP' and features a logo of a red 't' with a green arrow. It has fields for 'Email' (ronitsinghpersonal@gmail.com), 'Role' (Teacher), and a checked checkbox for accepting terms. A 'Sign Up' button is visible. To the right is a cartoon illustration of a boy sitting cross-legged, reading a book. The status bar at the bottom shows the date as 08-01-2022 and the time as 21:12.

A modal dialog box from 'tihcollegespace.epizy.com' is displayed, stating 'Email is not registered as a teacher'. An 'OK' button is at the bottom right. The background shows the same registration page as above.

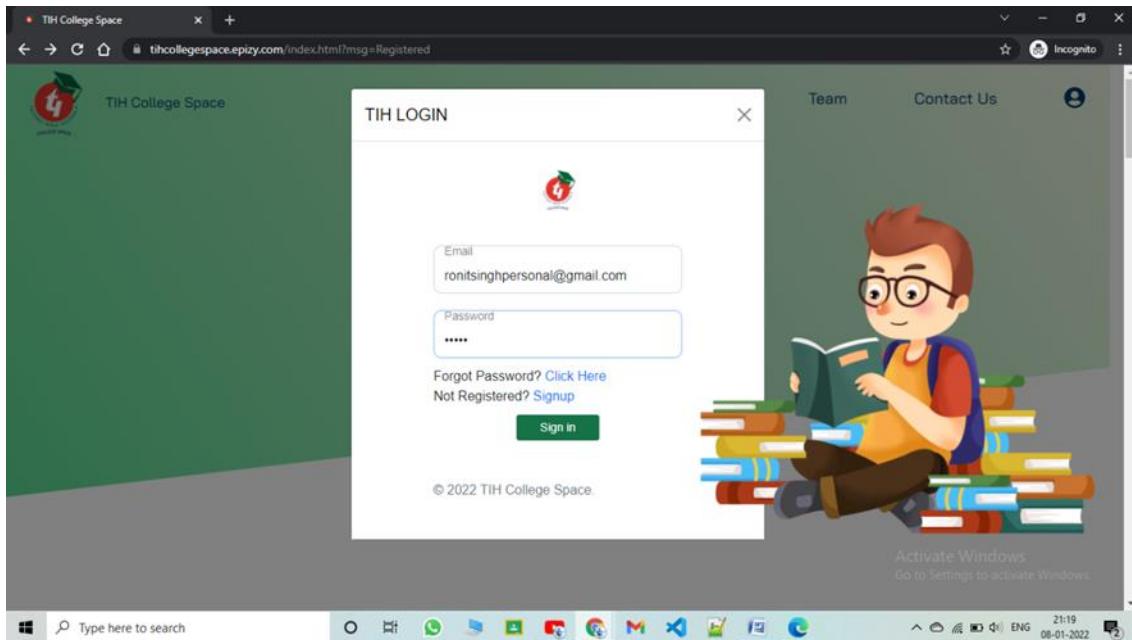
A Microsoft Edge browser window is shown with the status bar indicating 'Waiting for infinityfree.net...'. The taskbar below shows various pinned icons and the date/time as 08-01-2022 21:13.

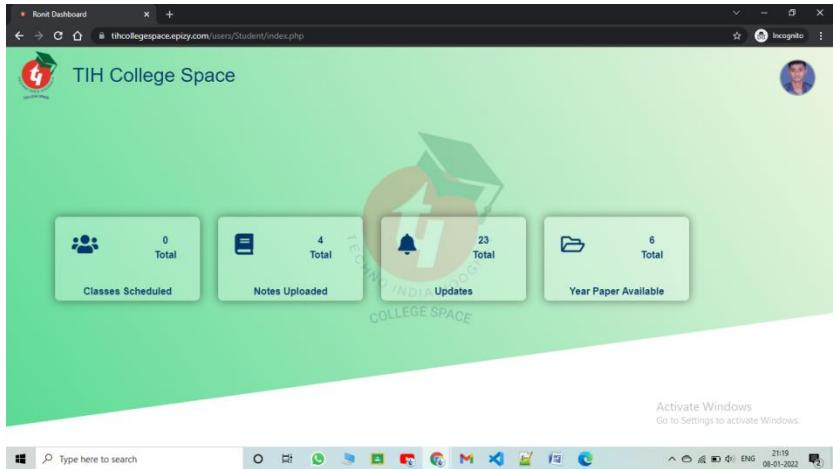
- **Test Case 5 : (Student Login)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	5
Test Case Name :	Login
Test Case Description :	Password so that he/she can able to go for the further options. The test case will check the application for the same since a user can only login with the correct email-id and password
Item(s) To Be Tested	
5	Verification of the email-id and password with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Password. 2) Incorrect email_id or Password.	1. Successful Login 2. Failure Message

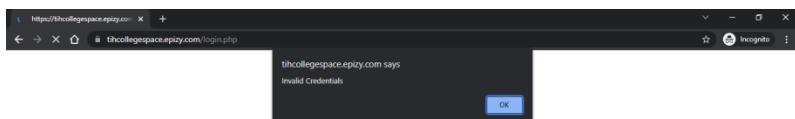
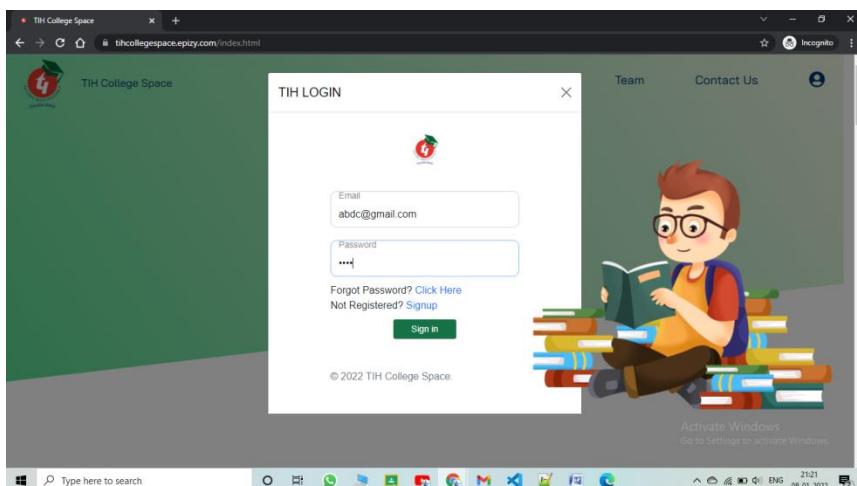
Test Result 5 : (Student Login)

a) Successful Login for correct email-id and Password





b) Failure Message for Incorrect Email –id or Password

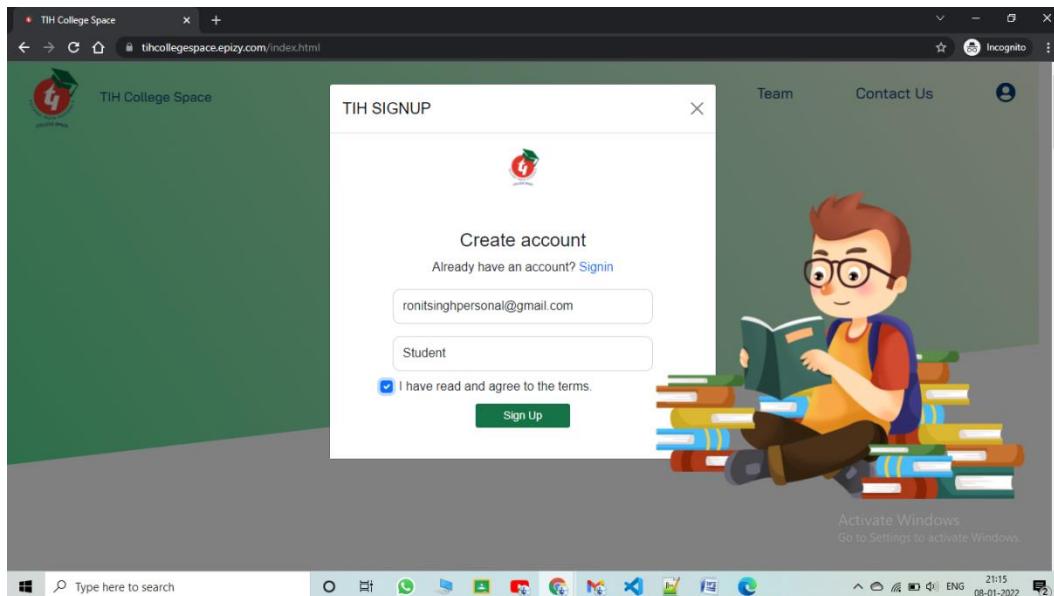


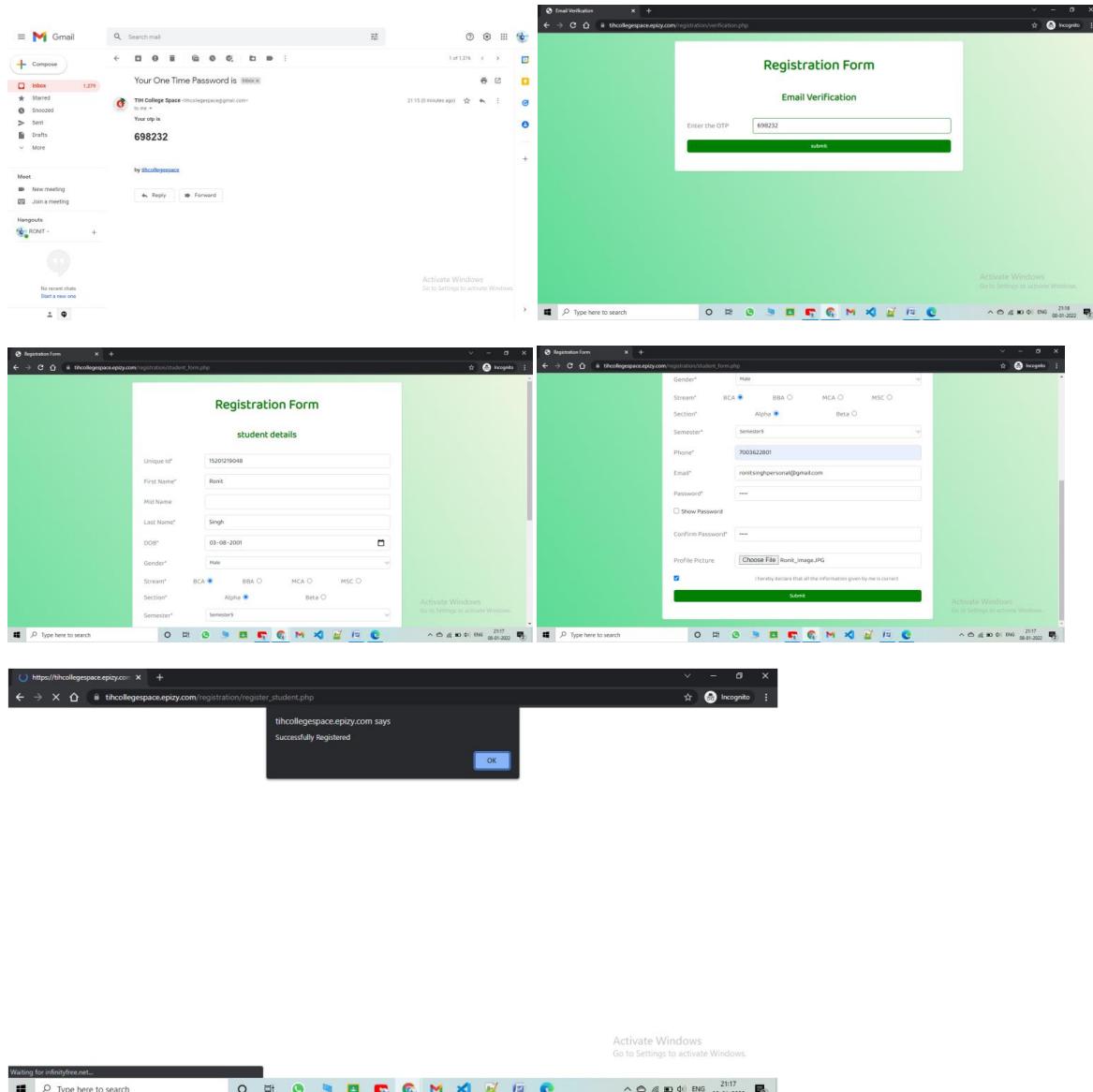
- **Test Case 6 : (Student Registration)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	6
Test Case Name :	Registration
Test Case Description :	
Item(s) To Be Tested	
6	Verification of the email-id and role with the record in the database.
Specifications	
Input	Expected Output/ Result
1) Correct email_id and Role. 2) Incorrect email_id or Role.	1. Successful Registration 2. Failure Message

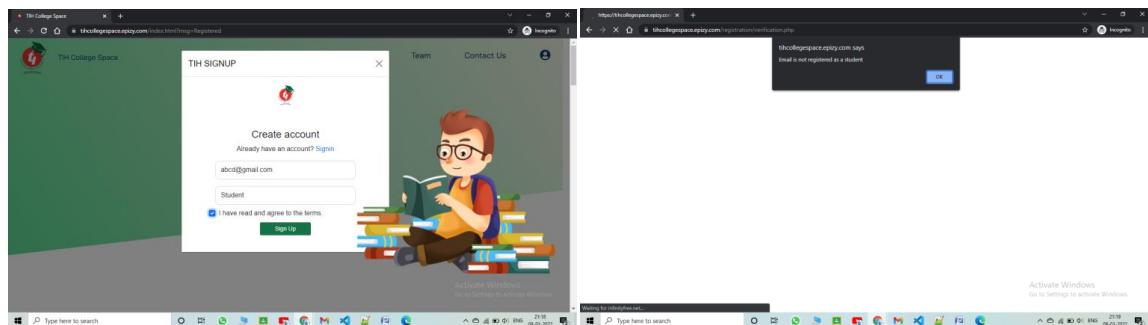
Test Result 6: (Student Registration)

a) Registration successful for verified email-id.





b) Registration failed for un-verified email-id



- **Test Case 7 : (User Forget Password)**

Tested by :	Ronit Singh
Test Type :	Unit Testing (Black Box)
Test Case Number :	7
Test Case Name :	Forget Password
Test Case Description :	Password so that he/she can able to go for the further options. The test case will check the application for the same since a user can only login with the correct email-id and password
Item(s) To Be Tested	
7.1	Verification of the email-id and role with the record in the database.
7.2	Verification of otp after verifying email-id and role.
Specifications	
Input	Expected Output/ Result
1) Correct email_id , Role and otp. 2) Incorrect email_id or Role or otp.	1. Password Reset Successful 2. Failure Message

14)User manual

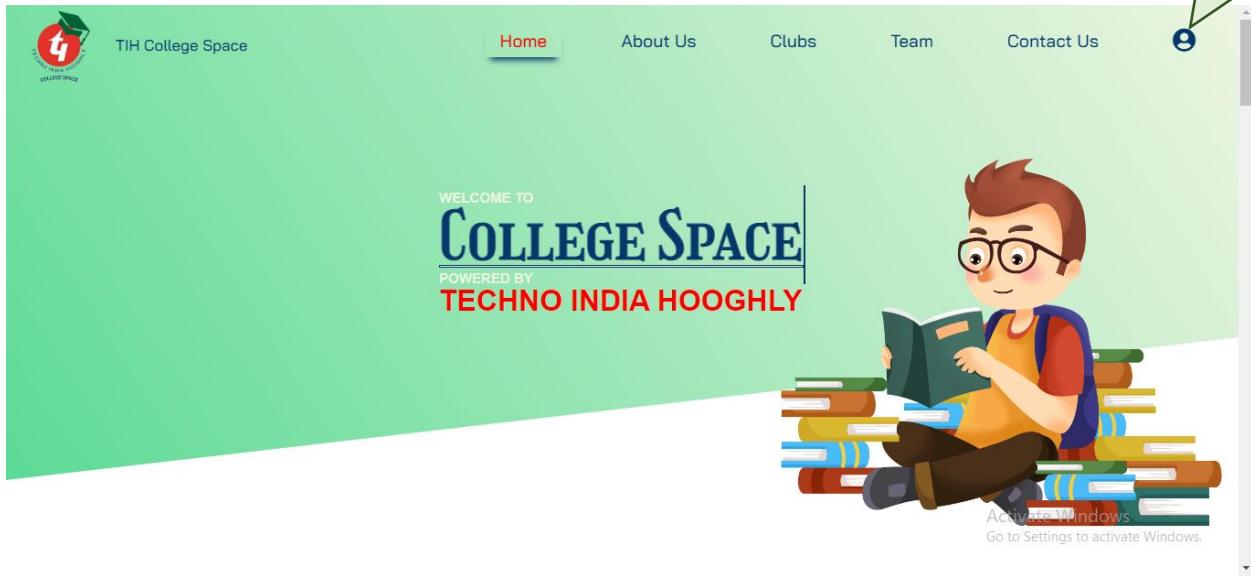
User interface design (UID) or user interface engineering is the design of user interface for machine and software, such as computer, home application and other electronic device, with the focus on maximizing the user experience. The goal of user interface is to make the user's interacting as simple and efficient as possible, in terms of accomplishing user goals.

Good user interface design facilitates finishing the task at hand without drawing unnecessary attending to it.

All Snapshots to use TIH College Space are:-

a)Home:

Here is the home page of Our TIH College Space project.



b)About US: Here is the About us Section of Our Project.

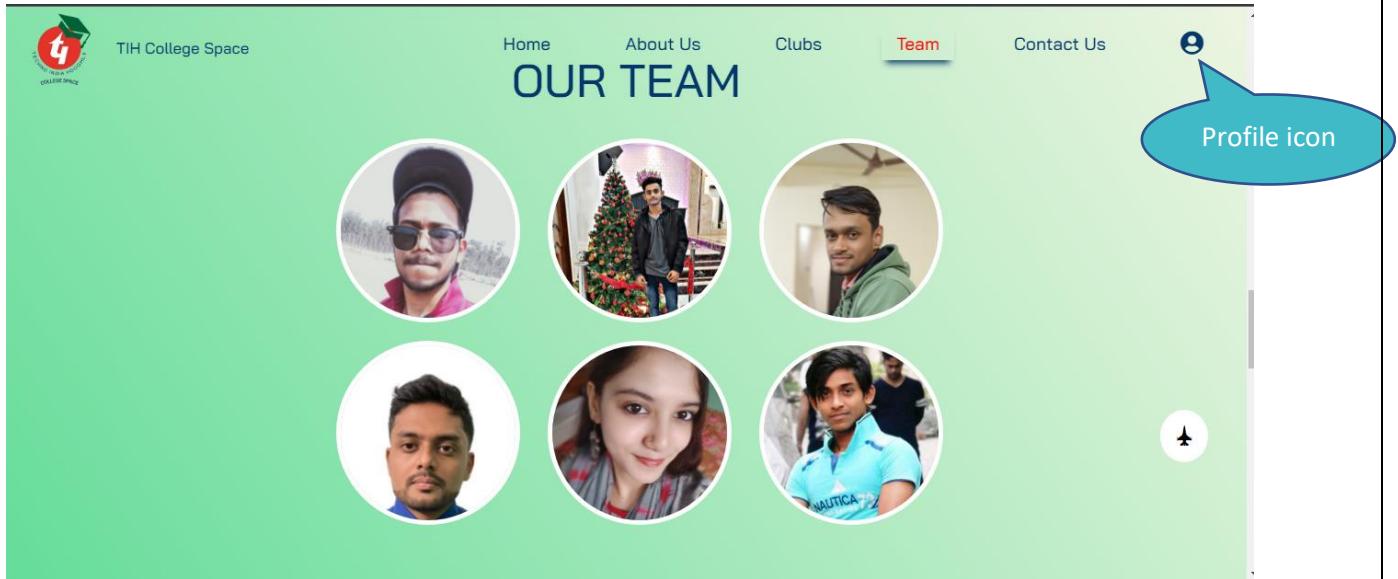
The screenshot shows the 'About Us' section of the TIH College Space website. At the top, there is a navigation bar with links for Home, About Us (which is highlighted in red), Clubs, Team, and Contact Us. To the right of the navigation is a user icon. The main content area has a light green background. On the left, there is a text block with a quote about the challenges faced during the pandemic and the development of the application. Below the quote is another quote: "Education Is The Key That Unlocks The Golden Door To Freedom." On the right side, there is a large, stylized illustration of two people working on a massive smartphone. The phone's screen displays various icons related to technology and education, such as a gear, a lock, a search bar, and a play button. The overall theme is digital education and connectivity.

c)Clubs:

This is the club section of our project.

The screenshot shows the 'Clubs' section of the TIH College Space website. The navigation bar at the top includes Home, About Us, Clubs (which is highlighted in red), Team, and Contact Us. The user icon is also present. The main content area features four logos of different clubs: 1) CODECHEF <TCH> Chapter, represented by a white hexagonal badge with a blue border containing a chef's hat and a lightning bolt icon. 2) SPARK QUEST, represented by a logo with a central red hexagon surrounded by a network of lines and nodes. 3) SPARK QUEST, represented by a 3D cube logo with the letters 'SQ' on it, set against a dark background. 4) VERBENA, represented by a logo featuring three stylized human figures in orange, yellow, and purple, with musical notes above them, and the word 'VERBENA' in a large serif font below it. The 'TIH CULTURAL COMMITTEE' is mentioned at the bottom of the logo.

d) Team: Here's our Team members of TIH College Space.



e) Contact Us:

The screenshot shows the 'Contact Us' page of the TIH College Space website. At the top, there is a navigation bar with links for Home, About Us, Clubs, Team, Contact Us (which is highlighted in red), and a profile icon. The main content area is titled 'Contact Us' and contains instructions: 'Use the form below to share your questions, ideas, comments and feedback'. There are three input fields: 'Name' (with placeholder 'Enter your Name'), 'Email' (with placeholder 'Enter your email'), and 'Message' (with placeholder 'Enter your message'). A green speech bubble points to the 'Name' field with the text 'Enter Your Name'. Another green speech bubble points to the 'Email' field with the text 'Enter Your Email'. A large green cloud-shaped callout points to the 'Toggle button to go back to Home Page' (located at the top right of the page). A green speech bubble points to the 'Submit' button with the text 'Click on Submit button to Send your message'.

f) Footer Section:

The screenshot shows the footer area of the TIH College Space website. At the top left is the college's logo. To its right is the text "TIH College Space". To the right of that are navigation links for "Home", "About Us", "Clubs", "Team", and a red "Contact Us" button. Below these are two input fields: one for "Email" with placeholder text "Enter your email" and another for "Message" with placeholder text "Enter your message". A green "Submit" button is located at the bottom of the form. The footer itself is dark blue and contains social media links for Facebook, YouTube, and LinkedIn, along with copyright information: "Copyright © 2022 | Terms of use | Privacy Policy" and "© Techno India Hooghly".

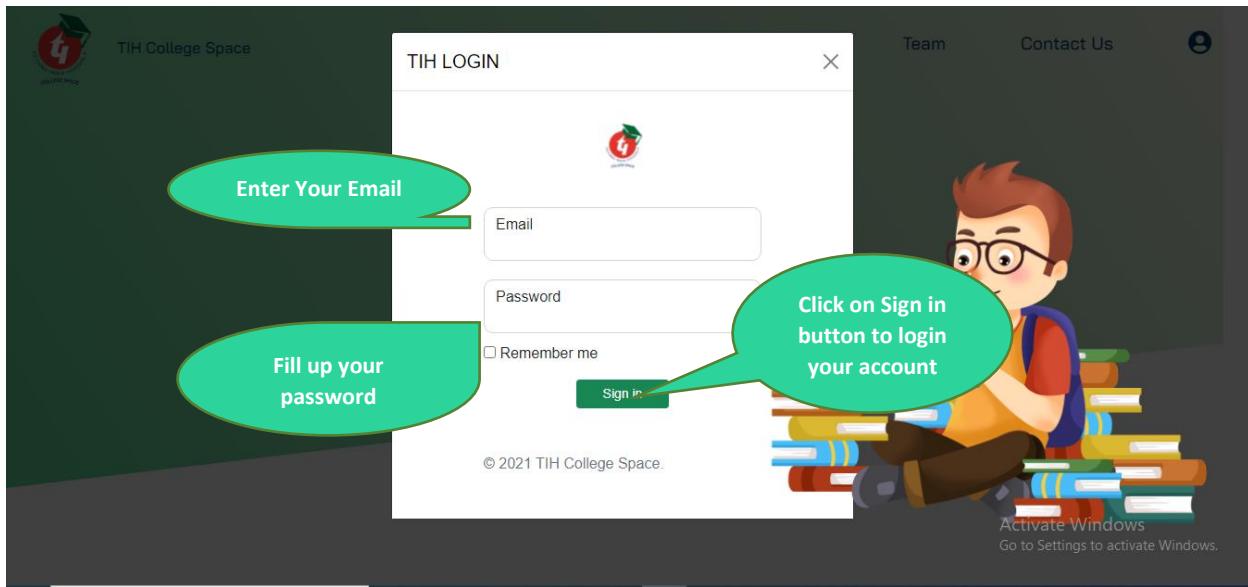
Registration form:

New users can register themselves by providing some details as in to get registered.

The screenshot shows the "TIH SIGNUP" registration form. It features a "Create account" heading and a link to "Already have an account? [Signin](#)". There are two input fields: "E-mail" and "Teacher". A green "Sign Up" button is positioned below them. A checkbox labeled "I have read and agree to the terms" is located at the bottom left of the form. A large green callout bubble on the left side says "Fill up your password". Another green callout bubble on the right side says "Enter a valid email" and "Click on Sing Up button to register yourself". The background of the page is green, and there is an illustration of a student reading a book.

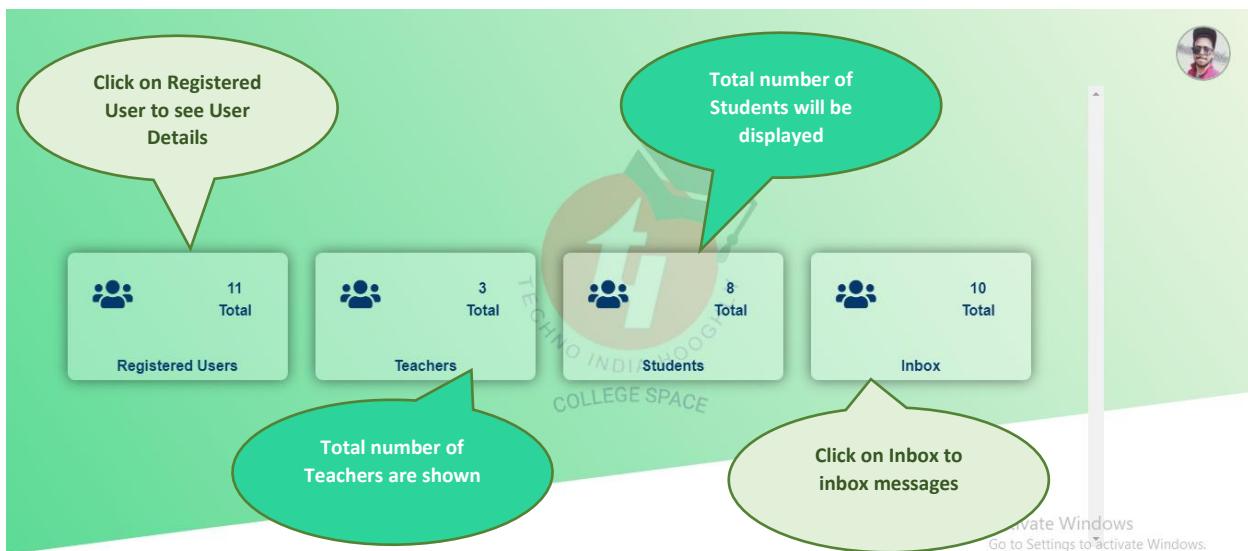
Login form:

This page allows the registered Users to directly log in to their account by providing their email id that was entered before, along with their password.



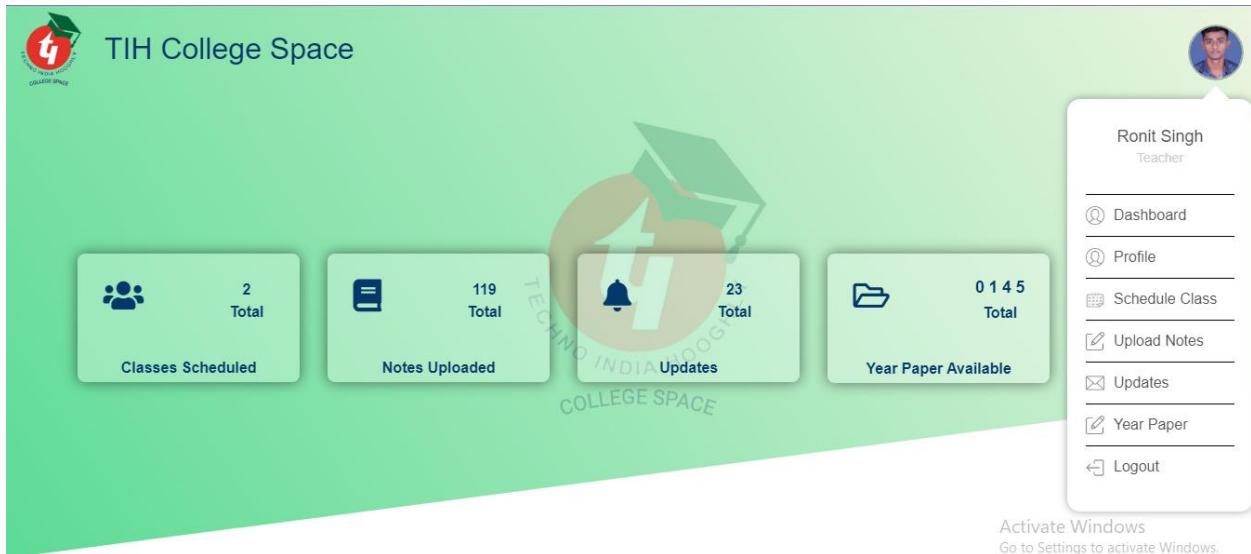
Admin Dashboard:

This is the Admin's home page where the user is provided with profile there details and sign out from their account.



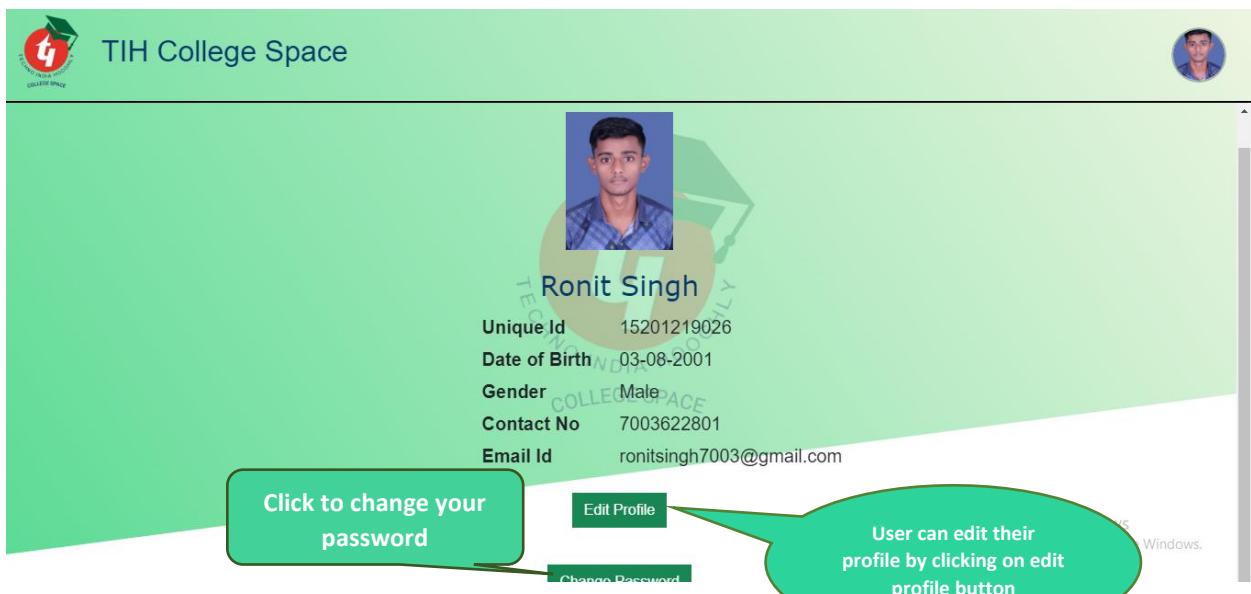
Teacher Dashboard:

This is the Teacher's home page where the user is provided with profile there details and sign out from their account.



Teacher Profile:

User can see their profile details by clicking on profile in dashboard menu.



Edit Teacher Profile Form:

Teacher can add on their details in various fields like qualification, address, etc. User's name, email id are those which will be automatically displayed.

The form is titled "Edit Profile". It contains the following fields:

- Unique Id*: 15201219026
- First Name*: Ronit
- Mid Name
- Last Name*: Singh
- DOB*: 08/03/2001
- Gender*: Male
- Email*: ronitsingh7003@gmail.com
- Phone*: 7003622801
- Profile Picture: Choose File No file chosen

Below the form is a "Submit" button and a note: "Activate Windows Go to Settings to activate Windows."

Callout bubbles provide instructions for each field:

- Enter Your Unique Id (points to Unique Id field)
- Select your Date of birth (points to DOB field)
- Enter your phone number (points to Phone field)
- Click to submit your Details (points to Submit button)
- Upload Your Profile Photo (points to Profile Picture field)
- Enter your Email (points to Email field)

Changed Password Form:

User can change their password, A form will be popped up by clicking on the change password button.

The form is titled "Change Password". It contains the following fields:

- Current Password :
- New Password :
- Password confirmation :

Below the fields are "Show Password" and "Change password" buttons, and a "Close" button.

Callout bubbles provide instructions for each step:

- Enter your current password (points to Current Password field)
- Enter a password (points to New Password field)
- Re enter your password (points to Password confirmation field)
- Click on X symbol to close the form (points to Close button)
- Click on change password button to change your password successfully (points to Change password button)
- Click on change password button to change your password successfully (points to Change password button at the bottom of the screen)

Schedule Class

All the class will be displayed in the list, User can filter their desired one by choosing the drop-down menu

The screenshot shows a web application interface for scheduling classes. At the top left is the logo 'TIH College Space'. The main area has two tabs: 'List of Classes' and 'New Class'. The 'List of Classes' tab displays a table with columns: SL No, Stream, Sem, Section, Date, and Time. Two rows are shown: row 1 (SL No 1, Stream BCA, Sem SEM3, Section Combined, Date 12-01-2022, Time 12:00 am) and row 2 (SL No 2, Stream BC, Sem SEM1, Section Beta, Date 14-01-2022, Time 11:20 am). A green callout bubble points to the 'Stream' dropdown in the list table with the text 'Click on drop down to see options'. Another green callout bubble points to the 'New Class' tab with the text 'Click on new class button to add a new class'. In the center is a large circular logo for 'TECHNO INDIA HOOGHLY COLLEGE SPACE' featuring a stylized 't' and 'i'. At the bottom right, there is a message 'Activate Windows Go to Settings to activate Windows.'

New Class Add

Teachers can add a new class by filling up this form

This screenshot shows the 'New Class Add' form. It includes fields for selecting Stream, Semester, Section, Subject, Time, and Date. Below these are input fields for 'Write the Topics' and 'Enter a valid url'. At the bottom are two buttons: 'Schedule Class' and 'Clear Entries'. A green callout bubble points to the 'Schedule Class' button with the text 'Click to submit class information'. Another green callout bubble points to the 'Clear Entries' button with the text 'Click to cancel scheduling'. The top right corner features a small profile picture of a person. The bottom left corner has the text 'TIH College Space'.

Upload Notes

Teachers can filter notes by selecting drop down options

Uploaded Notes				New Notes		
Sl No	Stream	Sem	Section	Date	Topic	
1	BCA	SEM1	Combined	09-12-2021	Ex_001	
2	BCA	SEM2	Beta	03-12-2021	OS Note 1	
3	BCA	SEM3	Combined	10-12-2021	Sum of Two Number	
4	BCA	SEM4	Combined	09-12-2021	OS Note 2	
5	BCA	SEM5	Combined	10-12-2021	Sum of Two Number	
6	BCA	SEM6	Combined	10-12-2021	Sum of Two Number	
7	BCA	SEM3	Combined	10-12-2021	Sum of Two Number	
8	BCA	SEM3	Combined	10-12-2021	Sum of Two Number	
9	BCA	SEM3	Combined	10-12-2021	Sum of Two Number	
10	BCA	SEM3	Combined	10-12-2021	Sum of Two Number	
11	RCA	SEM4	Combined	10-12-2021	Sum of Two Number	

New Note create Form

Teachers can add a new note by filling up this form

See Notes		New Note	
Stream:	Select Stream	Study Materials:	Choose Files
Stream Semester:	Select Semester	No file chosen	
Select Section:	Select Section	Topic Names:	Write the Topics
Select Subject:	Select Subject		
Date of class:	mm/dd/yyyy		
Write the Topics			
Study Materials:			
Topic Names:			

Teacher's Update

The screenshot shows a dashboard titled "TIH College Space". At the top right is a user profile icon. A speech bubble says "Click to create a note". Below the title is a circular logo with "t" and "TIH COLLEGE SPACE". The main area has two tabs: "Updates" and "New Update". The "Updates" tab lists several entries:

Stream	Year	Title	Date
BCA	First Year	dhbdu	31-12-2021
BCA	First Year	dhbdu	31-12-2021
BCA	First Year	testing2	31-12-2021
BCA	First Year	testing	31-12-2021
BCA	First Year	happy new year	31-12-2021
BCA	First Year	Team Exchanger	26-12-2021
BCA	First Year	Team Exchanger	26-12-2021

A large speech bubble in the center says "Click to view updates". On the right, a message says "Activate Windows Go to Settings to activate Windows."

New Update Form

Teachers can add a new notification by filling up this form.

The screenshot shows a "New Update" form. It includes fields for Stream, Stream Year, Title, Message, and File upload. Buttons for "Update" and "Clear Entries" are at the bottom. A "Cancel" button is also present. Several green speech bubbles provide instructions:

- "Select year" points to the Stream Year field.
- "Select stream" points to the Stream field.
- "Enter a title" points to the Title field.
- "Upload your file" points to the File upload section.
- "Click to submit your updates" points to the "Update" button.
- "Click to cancel" points to the "Cancel" button.

On the right, a message says "Activate Windows Go to Settings to activate Windows."

Year Paper

See Papers				New Paper			
Serial No	Stream	Semester	Subject	Year	Date	Action	
1	MSC	SEM1	MICS-103 Computer Networks	2015	2021-12-31 15:09:28	View Delete	
2	MSC	SEM1	MICS-102 Linear Algebra	2014	2021-12-31 10:44:23	View Delete	
3	MSC	SEM1	MICS-101 Discrete Mathematics	2012	2021-12-31 10:16:03	View Delete	
4	BCA	SEM4	BCAN-403 Computer Networking	2016	2021-12-28 15:52:13	View Delete	
5	MSC	SEM2	MICS-202 Operating System	2019	2021-12-25 15:55:23	View Delete	
6	BCA	SEM3	BCAN-E302A Object Oriented Programming with C++	2019	2021-12-25 04:20:10	View Delete	

If Teachers want to delete any record ,they can delete data by clicking delete button ,before deleting any data one popup confirmation will be display after confirmation data will be deleted successfully.

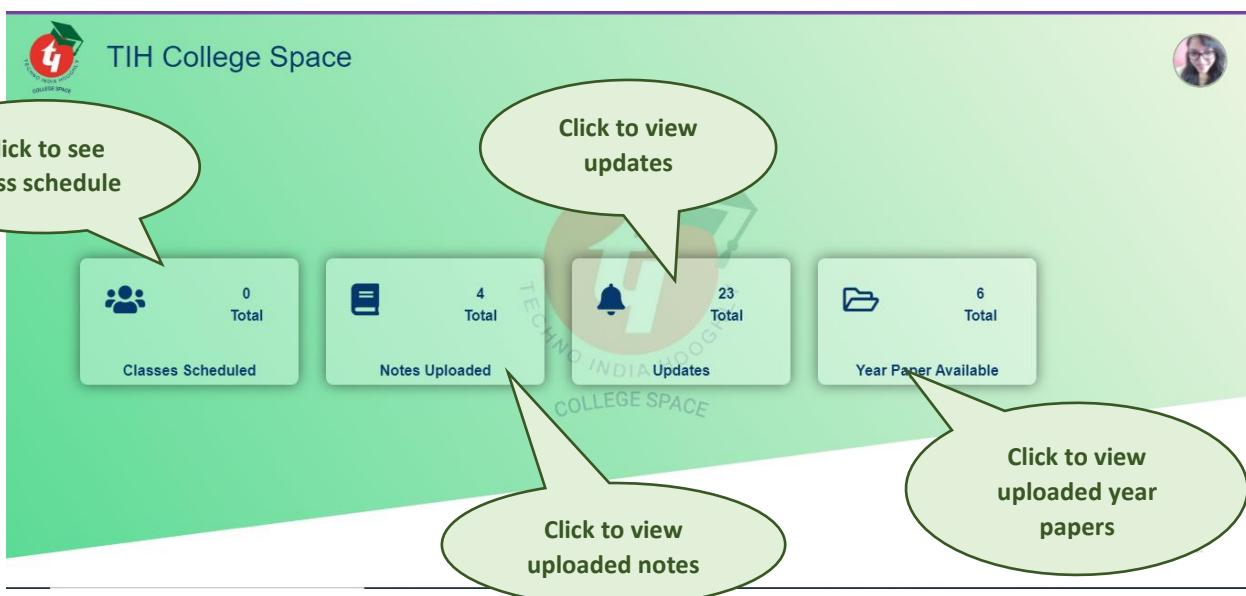
See Papers				New Paper			
Serial No	Stream	Semester	Subject	Year	Date	Action	
1	MSC	SEM1	MICS-103 Computer Networks	2015	2021-12-31 15:09:28	View Delete	
2	MSC	SEM1	MICS-102 Linear Algebra	2014	2021-12-31 10:44:23	View Delete	
3	MSC	SEM1	MICS-101 Discrete Mathematics	2012	2021-12-31 10:16:03	View Delete	
4	BCA	SEM4	BCAN-403 Computer Networking	2016	2021-12-28 15:52:13	View Delete	
5	MSC	SEM2	MICS-202 Operating System	2019	2021-12-25 15:55:23	View Delete	
6	BCA	SEM3	BCAN-E302A Object Oriented Programming with C++	2019	2021-12-25 04:20:10	View Delete	

New Paper

Teachers can add a new paper by filling up this form, After clicking on The Upload Question button paper will be successfully submitted on Year Paper List.

The screenshot shows a web-based application for uploading question papers. At the top, there's a logo for 'TIH College Space' and a user profile picture. Below the header, there are two main tabs: 'See Papers' and 'New Paper'. The 'New Paper' tab is active. On the left side of the form, there are dropdown menus for 'Choose Stream' (set to 'MCA'), 'Choose Semester' (set to 'SEM3'), 'Choose Subject' (set to 'MCA-302 Unix and Shell Programming'), and 'Choose Year' (set to '2013'). There's also a file upload field labeled 'Upload File' with the placeholder 'Choose File No file chosen'. In the center, there's a large green button labeled 'Upload Question Paper'. A green speech bubble points to this button with the text 'Click to upload your paper'. To the right of the form, there's a message 'Activate Windows Go to Settings to activate Windows.' at the bottom right.

Student dashboard



Student Profile: User can see their profile details by clicking on profile in dashboard menu.

GULAFSHAN PARWEEN

Stream: BCA
Semester: SEM5
Section: Alpha
Roll No: 15201219063
Date of Birth: 20-03-2001
Gender: Female
Contact No: 6290744900
Email Id: parweena224@gmail.com

Click to edit your profile

Edit Profile

Change Password

Click to change your password

Activate Windows
Go to Settings to activate Windows.

Edit Profile Student

Students can add on their details in various fields like qualification, address, etc. User's name, email id are those which will be automatically displayed.

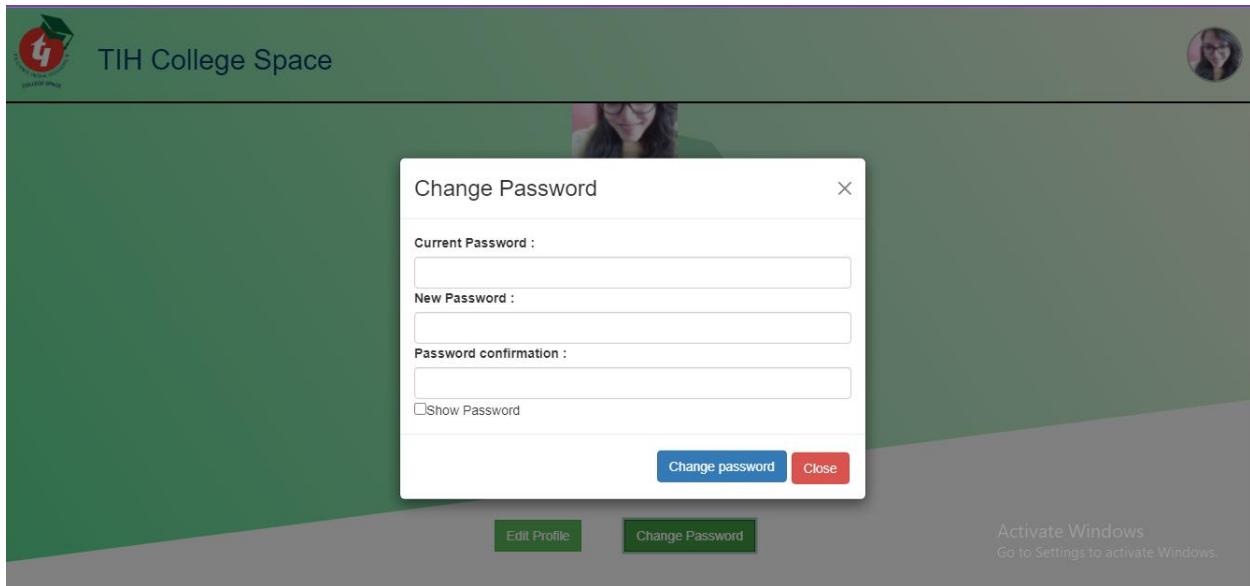
Edit Profile

Unique Id*	15201219063
First Name*	GULAFSHAN
Mid Name	
Last Name*	PARWEEN
DOB*	03/20/2001
Gender*	Female
Stream*	BCA
Section*	Alpha <input checked="" type="radio"/> Beta <input type="radio"/>
Semester*	Semester 5
Phone*	6290744900

Activate Windows
Go to Settings to activate Windows.

Change Password

User can change their password, A form will be popped up by clicking on the change password button.



Class Schedule List

All the class will be displayed in the list, User can filter their desired one by choosing the drop-down menu

A screenshot of the TIH College Space website showing a table of class schedules. The table has columns for SL No, Subject, Faculty, Date, and Time. A dropdown menu under "Subject" is highlighted with a callout bubble containing the text "Click to select subject". A callout bubble under "Date" contains "No Records Found.". A callout bubble under "Time" points to a profile icon with the text "Click profile icon to see another menu". The central part of the page features the college's logo and name: "TECHNO INDIA HOOGHLY COLLEGE SPACE". At the bottom right, there is a message: "Activate Windows Go to Settings to activate Windows".

Notes List

Students can easily see the notes after clicking on the notes list

SL No	Subject	Faculty	Topic	Date
1	BCAN-592 Linux Lab	Ronit Singh	PHP Files	11-12-2021
2	BCAN-502 Unix and Shell Programming	Ronit Singh	MCQ for Exam	07-01-2022
3	BCAN-502 Unix and Shell Programming	Ronit Singh	MCQ for Exam	07-01-2022
4	BCAN-502 Unix and Shell Programming	Ronit Singh	MCQ for Exam	07-01-2022

Notes View

Students can also download their desired notes after clicking on pdf file

Faculty Name	Ronit Singh
Stream	BCA
Semester	SEM5
Section	Combined
Subject	BCAN-502 Unix and Shell Programming
Topic	MCQ for Exam
Date	07-01-2022
Notes	test.c

No Recordings Available

Updates List

All the updates will be displayed in the list, User can filter their desired one by choosing the drop-down menu

The screenshot shows a list of updates. At the top left is the college's logo and name "TIH College Space". On the right is a user profile picture. The table has columns for "SI No", "Title", "Date", and "Time". One update is listed:

SI No	Title	Date	Time
1	tes	31-12-2021	11:46 pm

In the center of the page is a large watermark logo for "TECHNO INDIA HOOGHLY COLLEGE SPACE" featuring a graduation cap and a stylized 't'.

Activate Windows
Go to Settings to activate Windows.

Updates View

Students can view updates by clicking on updates list.

This screenshot shows the details of the update titled "tes". It includes the title, date (31-12-2021), and a message encouraging users to review attached files. The "Go Back" button is visible on the left.

tes

31-12-2021

Please go through these attached files given below

Activate Windows
Go to Settings to activate Windows.

Year Paper list

**Students can filter their desired paper by choosing dropdown options,
Students can also download their desired Paper after clicking on
download button.**

Serial No	Stream	Semester	Subject	Year	Date	Action
1	MSC	SEM1	MICS-103 Computer Networks	2015	2021-12-31 15:09:28	Download
2	MSC	SEM1	MICS-102 Linear Algebra	2014	2021-12-31 10:44:23	Download
	MSC	SEM1	MICS-101 Discrete Mathematics	2012	2021-12-31 10:16:03	Download
	BA	SEM4	BCAN-403 Computer Networking	2016	2021-12-28 15:52:13	Download
	MSC	SEM2	MICS-202 Operating System	2019	2021-12-25 15:55:23	Download
6	BCA	SEM3	BCAN-E302A Object Oriented Programming with C++	2019	2021-12-25 04:20:10	Download

Click to select stream

Click to choose year

Click to download your paper

15) Conclusion:

This project has given us an opportunity to design, code, test and implements an application. This has helped in putting into practice of various Software Engineering principles and Database Management concepts like maintaining integrity and consistency of data. Further, this has helped us to learn more about HTML, Java Script, CSS, JQuery, Bootstrap and most importantly our scripting Language is PHP (Hypertext Preprocessor).

I thank my guider for his invaluable contribution in guiding me throughout the project. I also thank my parents and friends who have supported and motivated me to complete this project successfully.

15.1. Limitations:

- There is no centralized database maintenance.
- There is no easy access to records of people seeking work in particular.
- User cannot
- Lastly, Communication with teachers is difficult for students when they are in a group. We will add a “**Chat Box**” function in future to overcome this problem also.
- 15.2. Future scope:

There is ample scope of enhancement and adding functionalities to this system. This system can be extended to send email for verification . Session Timeout can also be implemented to increase more security.

16. BIBLIOGRAPHY



To complete this project successfully, we consulted with our project guide **Subhendu Saha** took the help of the following books,Youtube and websites.

Sites



[1] <https://www.w3schools.com/>

[2] <https://www.geeksforgeeks.org/software-engineering-iterativewaterfall-model/>

[3] <https://www.geeksforgeeks.org/>

[4] <https://www.javatpoint.com/jquery-tutorial>

[5] <https://www.thapatechnical.com>

Books



1. Beginning PHP 5
2. Internet Notes, etc

Thank You