User at Yogahut

A PROJECT REPORT

Submitted by

Satasiya Shubham R

181260107107

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

Computer Engineering

Sal Engineering and Technical Institute, Ahmedabad

Gujarat Technological University, Ahmedabad

May 2022

Sal Engineering and Technical Institute
Opp. Science City, Sola-Bhadaj Road, Ahmedabad, Gujarat 380060
Ph:- 079 67129000 Website: www.sal.edu.in

CERTIFICATE

This is to certify that the project report submitted along with the project entitled **Yogahut** has been carried out by **Satasiya Shubham R** under my guidance in partial fulfillment for the degree of Bachelor of Engineering in Computer Engineering 8th Semester of Gujarat Technological University, Ahmadabad during the academic year 2021-22.

Prof. Megha Joshi — Internal Guide

Dr. Ajay Upadhyaya — Head of the Department

techmicra

AN ISO 9001:2015 Certified Organization

CERTIFICATE

This is to certify that **Mr. Satasiya Shubham Ramjibhai (Enrollment No. 18126107089)** **8th Semester SAL Engineering and Technical Institute Department of Computer Engineering** has successfully completed his internship and project work at "**Techmicra IT Solutions**", Ahmedabad, during **10th January 2022 to 31st March 2022.**

The project entitled "**YogaHut**" was carried out as a part of academic requirement in **Bachelor of Computer Engineering for SAL Engineering and Technical Institute.**

As a part of the project till now he has completed the following tasks under our company's guidance: -

- Charity/Donation Module
- Shop and Cart
- Diagram (UML Diagrams)
- Gallery Section
- Book Module
- Documentation(SRS)

His understanding of problem context and technical knowledge for the tools used was up to the mark. During the project work, we found him sincere and the work done by him was commendable.

We wish him all the best in his future endeavors and hope that he will have a successful career.

Sincerely,
For,

For, TECHMICRA IT SOLUTIONS

PROPRIETOR

Techmicra IT Solutions

techmicra IT Solutions

Address : Office No. 12, 1st Floor, Sanidhya Building, Opp. UCO Bank, Near M.J. Library Ashram Road, Ahmedabad - 380 006
Contact No. 94276 17574 | 97278 35207 www.techmicra.co.in | pallav@techmicra.co.in

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Opp. Science City, Sola-Bhadaj Road, Ahmedabad, Gujarat 380060
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DECLARATION

We hereby declare that the Internship report submitted along with the Internship entitled **Yogahut** submitted in partial fulfillment for the degree of Bachelor of Engineering in Computer Engineering to Gujarat Technological University, Ahmedabad, is a bonafide record of original project work carried out by me at Techmicra IT Solutions under the supervision of Prof. Megha Joshi and that no part of this report has been directly copied from any students' reports or taken from any other source, without providing due reference.

	Name of the Student	Sign of Student
1	Satasiya Shubham R	

ACKNOWLEDGMENT

No task can be accomplished without proper support, guidance and appraisal. We are highly thankful to many people who contributed either directly or indirectly in our training and provided their invaluable co-operation of this project.

We offer our sincere thanks to Sal Engineering of Technical Institute for giving us the opportunity to work in their organizations and making all the resources available for us throughout the development of the project as well as providing excellent facilities.

Finally, we are thankful to the Dr.Ajay Upadhyaya and Prof. Megha Joshi for his continuous support, kind co-operation and completion of the project. We appreciate their concern and interest regarding the project.

Last but not the least we are also thankful to our friends, project partners, colleagues and parents for their support and understanding they provided us during the project work. We are also very much thankful to all who directly or indirectly helped us.

NO.	Name	Enroll. No.
1	Satasiya Shubham R	181260107089

Abstract

Our conviction is that Yoga is a lifestyle and it doesn't involve actual asanas as seen but on the other hand is comprehensive of contemplation, food and one's cooperation with its current circumstance and how it applies to everyday life so you get the genuine capability of better living as an individual and moreover as a general public.

Our commonsense uses of yogic goals in everyday life incorporate the straightforward methods of reasoning behind the strategies of yoga that adds to better living that is liberated from actual ailment and a genuinely changed you!

We at The Yoga Institute, instilled with the genuine soul of Yoga, have been instrumental in achieving a positive change around the world, for more than many years.

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Chapter: 1

OVERVIEW OF THE COMPANY

1.1 HISTORY

Techmicra IT Solutions based in Ahmedabad has been providing IT solutions & services to organizations since 2013. The company started with web development and design solutions during its inception phase and now has more than 25 departments like CRM development, Branding solutions, ERP implementation solutions, database administration & development, business intelligence and data analytics and more. With over 40 plus employees we are continually growing in each and every technology/domain. Extensive training and research programs for all our trainers and developers strengthen our grip and make us better in what we do.

1.2 DIFFERENT SCOPE OF WORK

Web Design & Web Development: Stunning designs with structured and organized flow of content makes us the first preference for clients to get their web sites designed by us for their upcoming ventures. We have created over 100 websites in HTML5, CSS3, Bootstrap, WordPress and allied technologies which are live.

SEO & Digital Marketing: Techmicra is a hub of SEO experts, digital marketing strategists and social media managers who make sure that people have your business name of the tip of their tongue. We make sure that you are everywhere and more importantly first in the list.

Database Development & Administration: DBAs at Techmicra take your business to the next level by migrating your slowed-down excels to an application with a sparking database engine which makes the data more secure, manageable, efficiently retrievable and safe. From retail to banking, aviation to pharmacy we have managed them all.

Custom CRM Implementations: Automating redundant work and reducing paper work in business processes have helped our clients increase their ROI with our custom CRM implementations for better business management, effective accounting, seamless resource planning, one-point business view and envision business scalability. Our developers with experience of over 10 years have developed software in PHP, .net and Java frameworks.

1.3 ORGANIZATION CHART

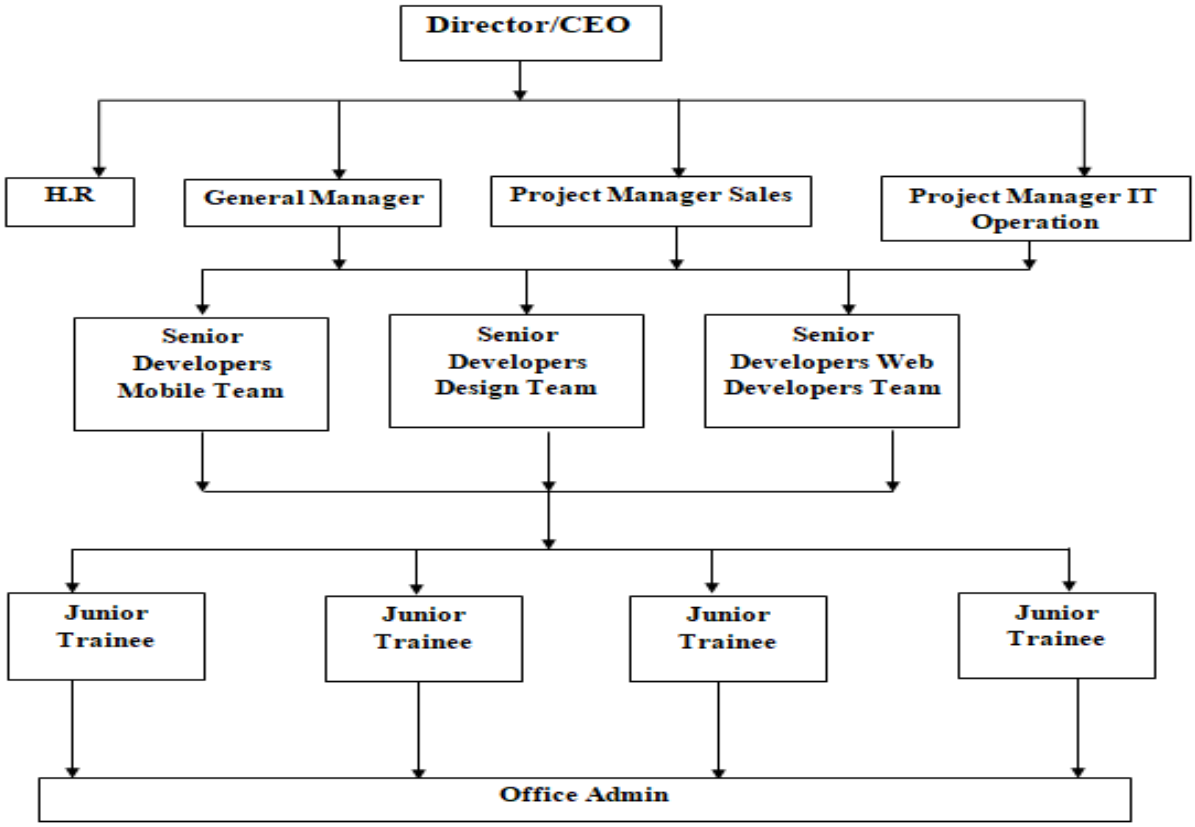

Figure 1.3 Organization Chart

1.4 CAPACITY OF PLANT

There are currently 40 plus employees working in this company and there is a different capacity of each department.

The Web development department has the capacity of developing around 20 big full-fledged websites a year.

App development department has the capacity of developing around 10 big full-fledged mobile applications a year.

Chapter: 2

OVERVIEW OF DIFFERENT DEPARTMENT OF THE ORGANIZATION

2.1 PHASES OF DEVELOPING PROJECT IN COMPANY.

- Planning
- Analysis
- Designing
- Implementation
- Testing
- Deployment
- Maintenance

2.2 LIST THE TECHNOLOGIES USED IN PROJECT.

Python:

Python is an interpreter, object-oriented, high-level programming language with dynamic semantics. Its high-level built-in data structures, combined with dynamic typing and dynamic binding; make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

Django:

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It’s free and open source.

SQL:

SQL (Structured Query Language) is a special-purpose programming language designed for managing data held in a relational database management system (RDBMS).

Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language and a data manipulation language.

The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. Although SQL is often described as, and to a great extent is, a declarative language (4GL), it also includes procedural elements.

2.3 SEQUENCE CHART OF PROJECT.

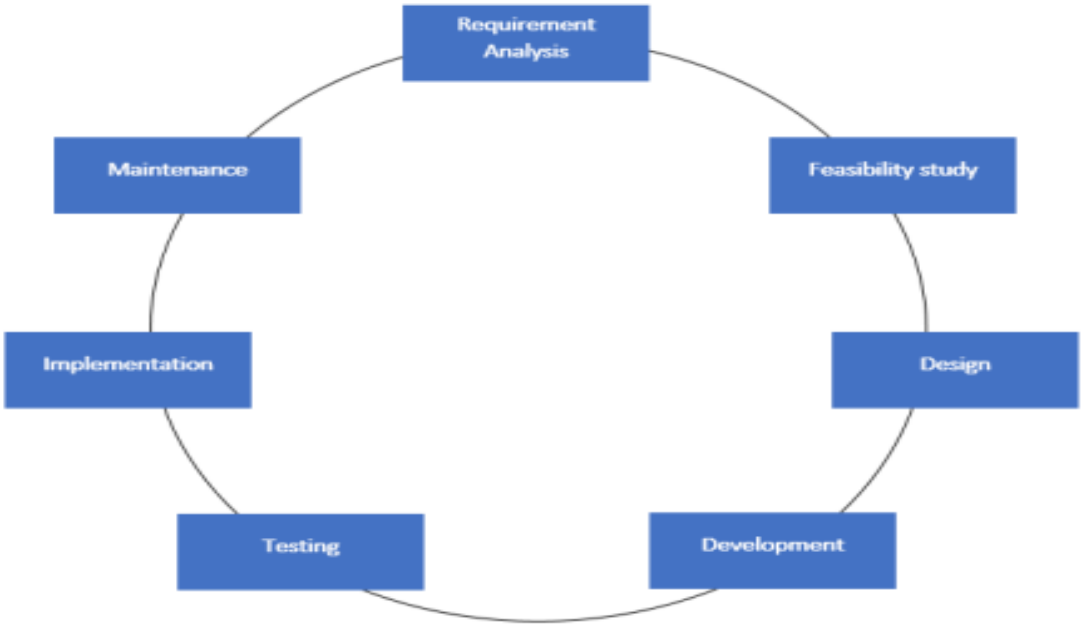

Fig 2.3.1 SDLC Sequence Chart

Chapter: 3

INTRODUCTION TO INTERNSHIP.

3.1 INTERNSHIP SUMMARY

Yogahut having a belief that Yoga is a way of life and it doesn't include real asana as seen however then again is exhaustive of thought, food and one's collaboration with its ongoing situation and how it applies to daily existence so you get the authentic ability of better living as an individual and also as an overall population.

Our practical purposes of yogic objectives in regular daily existence consolidate the direct techniques for thinking behind the systems of yoga that adds to better living that is freed from real disease and a truly transformed you!

We at The Yoga Institute, imparted with the veritable soul of Yoga, have been instrumental in accomplishing a positive change all over the planet, for more than numerous years.

Our courses are designed with a holistic perspective, keeping in mind the needs of the learner. Get individualized attention from experienced teachers, have a dedicated demonstrator show you how it’s done, and your doubts and queries resolved instantly. Grow with each session.

Come Feel the Serene Feeling and lets Dive deep and discover new dimensions to physical, mental and spiritual wellbeing with courses that introduce you to the world of Yogahut.

3.2 PURPOSE

To provide peoples proper health, mental peace and maintain their fitness. It will be beneficial to citizens because they can communicate to the Admin through this portal. The task of some people who are busy in their routine life becomes easy by using this portal because they can manage their health and mental state in proper manner.

3.3 OBJECTIVE

The main objective is to have a global yoga training centre where user, trainer and management can explore online course, cams, teacher training courses, elegant gallery section about all details, all centre's information, articles, shop facilities, donations, books and publications.

The proposed system is highly secured, because for log in the system it requires the username and password which is different for each department therefore providing each department a different view of the customer information. It provides wide range of certain criteria in each window the client is working for better and quicker solution. It maintains report for all criteria and transactions.

Manages member information separately for all exercise and employee information separately for considering the requirements of centre. Stores information about regular products.

This system can run on any windows operating system.

- Home
- About Us
- Online Courses
- Camps
- Teacher Training Courses
- Gallery
- Centers
- Articles
- Shop

3.4 SCOPE

- Data gathering
- Storing information of members, employees.
- Check validity of information provided by user.
- Storing information of members according to their id.
- Generating reports for different id.
- Manages member information separately for all yoga practices and natural cures, trainer information separately for considering the requirements of centre.

3.5 TECHNOLOGIES USED IN OUR PROJECT

The technologies used in our project for front end are HTML, CSS, python, Django and for the backend is MySQL.

We will follow the agile model for developing this Project and the whole Project will be developed using the SDLC scenario.

HTML

HTML an initialize of Hyper Text Markup Language for web pages.
It provides a means to describe the structure of textbased information in document by denoting text as headings, paragraphs, lists and so on and to supplement that text with interactive forms, embedded images and other objects.

CSS

CSS stands for Cascading Style Sheets. It describes how Html elements should be displayed on screen. It is a powerful tool for web designers to change the design and control over web pages that how it should be displayed. It is supported by all browsers and is designed primarily to separate the document content from document presentation.It was developed by W3C (World Wide Web Consortium) in 1996. Term cascading in CSS implies the fact that you can apply multiple style sheets to a single web page.

Python

Python is an interpreter, object-oriented, high-level programming language with dynamic semantics. Its high-level built-in data structures, combined with dynamic typing and dynamic binding; make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form

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The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. Although SQL is often described as, and to a great extent is, a declarative language (4GL), it also includes procedural elements.

Data Definition: Defining tales and structure in the database.

Data manipulation: Used to manipulate the data within those schema objects.

3.6 INTERNSHIP PLANNING

Project planning is part of project management, which relates to the use of schedules such as Gantt charts to plan and subsequently report progress within the project environment.

Project planning is often used to organize different areas of a project, including project plans, workloads and the management of teams and individuals.

3.6.1 Internship Development Approach

We are using the Waterfall model for this project development.

Stages in the waterfall approach:

- Requirement analysis
- System Design
- Implementation
- Testing

- Deployment
- Maintenance

Reasons behind choosing waterfall model as SDLC model

- Requirements were very well documented, clear and fixed.
- Technology was adequately understood.
- Simple and easy to understand and use.
- There were no ambiguous requirements.
- Easy to manage due to the rigidity of the model. Each phase has specific
- deliverables and a review process.
- Well understood milestones Easy to arrange tasks.
- Clearly defined stages.

3.6.2 Internship Effort and Time, Cost Estimation

Effort and time:

- The important project parameters that are estimated include project size, effort required to develop the software, project duration and cost.

Cost Estimation:

- Total cost of the project including resources and employees.
- Resources are classified into following item:
  - Product
  - Computer
  - Development Environment
- Employee cost should be broken down into the areas of design, analysis, prototype construction, software development, hardware-software integration, testing, design modifications and documentation.

3.6.3 Roles and Responsibilities

- Investigation

- Requirement Analysis
- DB Design
- Coding
- Testing

3.6.4 Group Dependencies

Some dependencies are described as follows:

- User has sufficient privileges to access internet.
- Server is running smoothly.
- Database transactions are giving expected results.
- Database transactions are secure and reliable.
- User is aware about the languages and usage.
- Python Django and supported IDE to be installed.
- SQLite Database understanding and support must be there.

3.7 INTERNSHIP SCHEDULING (GANTT CHART)

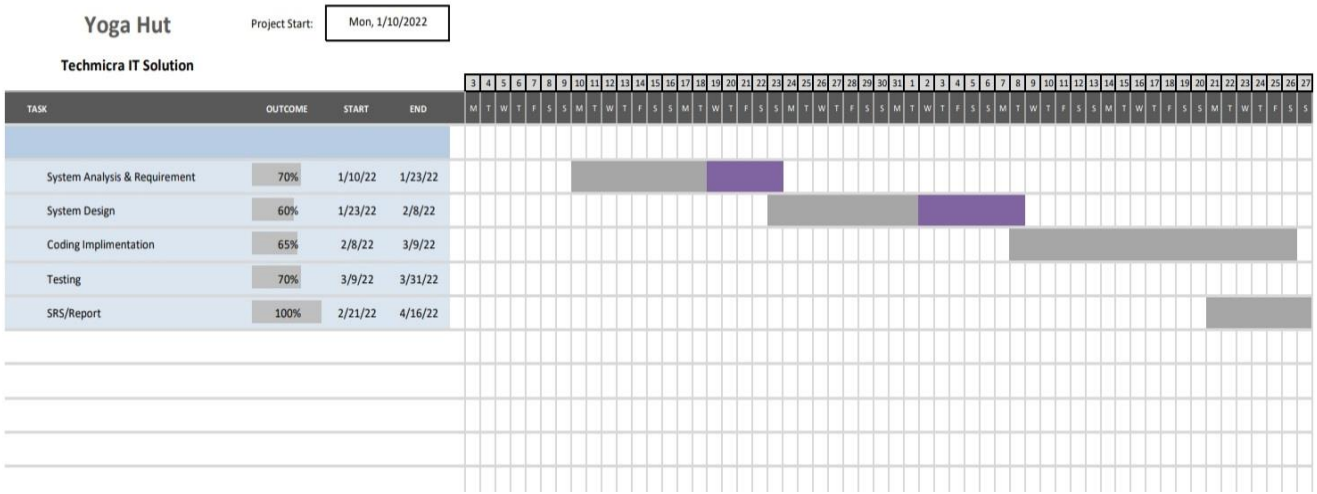


Fig 3.7 Internship Scheduling Gantt chart

3.7.1 Internship Weekly report Table

Table 3.7.1 Internship Weekly Report

Week	Work
Week-1	Basics of HTML, CSS, Bootstrap, JavaScript.
Week-2	Learning OOP concepts and basics of python and Completing the task which are given by company
Week-3	Learning Djnago basics and its architecture & SQL queries
Week-4	Working on views and Urls page for main project.
Week-5	Working on further Views and its crud listing according the feature list given.
Week-6	Working on further Models binding with Views.
Week-7	Worked on Django Architecture and Creating Super user and apps and other commands and Worked Page Redirection and URL mapping.
Week-8	Django Models - fields, relationships, Migrations, Database Configurations
Week-9	Admin Interface Django Views - Generic and class Template System Static files- course images
Week-10	Form Processing - Form and Model Form Admin Customization Various Model methods -waterfall or incremental
Week-11	Session and Cookies Handling Sending Emails Signals
Week-12	Report Generation using report lab and working on Payment Gateway

Chapter: 4

SYSTEM ANALYSIS

4.1 STUDY OF CURRENT SYSTEM

The centre is working manually. The current system is time consuming and also it is very costly, because it involves a lot of paperwork. To manually handle the system was very difficult task. But now-a-days computerization made easy to work.

4.2 PROBLEM AND WEAKNESSES OF CURRENT SYSTEM

The following are the reasons why the current system should be computerized:

- To increase efficiency with reduced cost.
- To generate required reports easily.
- There are many websites available but all those websites are static and informative.
- There is no facility for trainer and trainee engagement.
- No information of nearby centres and its facilities.
- No utilities of camps.
- No engagements of trusts and charity.

4.3 REQUIREMENTS OF NEW SYSTEM

The new system is managed by the Python Django, which are user friendly windows for every user for maintaining the database MySQL is used.

- The new system is highly secured, because for login the system it requires the username and password which is different for each department therefore providing each department a different view of the customer information.
- It provides wide range of certain criteria in each window the client is working for better and quicker solution.
- It maintains report for all criteria and transactions.
- Manages member information separately for all exercise and employee information separately for considering the requirements of centre.

- Stores information about regular products.
- This system scan run on any windows operating system.
  - Home
  - About us
  - Online Courses
  - Camps
  - Teacher Training Courses
  - Gallery
  - Centre
  - Articles
  - Shop
  - Donate/Charity
  - Books/Publications

4.4 SYSTEM FEASIBILITY

FEASIBILITY STUDY

The feasibility of software can be tested in for dimensions:

1. Technology- Is a project technically feasible? As in our case that is quiz we have many examples of the same, so no technical infeasibility are there.
2. Finance- Is it financially feasible? Does it have too much cost of development?
3. Time- Will it takes too much time to complete? We have planned each phase and it seems to be in controlled and within time so no extra time cost will be added.
4. Resources- Do we have sufficient resource to succeed?

TECHNICAL FEASIBILITY

Technical analysis evaluates technical merits of the system at the same time collects additional information about performance, reliability, maintainability and productivity. The technical feasibility means that the project can be done with the current equipment, existing software technology and the current knowledge. The present system is technically feasible as it developed on Python Django. These are currently used for development which altogether makes our system technically feasible. All the resources

needed for the development as well as the maintenance is easily available on internet like Python 3 and Django.

TIME SCHEDULE FEASIBILITY

The project has simple working and the basic requirement can be satisfied within the allotted time period. So, the project is feasible and can be completed before the deadline.

OPERATIONAL FEASIBILITY

Operation feasibility deals with the acceptance of the users and their willingness to use the system. The Yoga Hut application is helpful in the current situation. There is never been a decrease in demand of books so it will be great for all users.

IMPLEMENTATION FEASIBILITY

Implementation feasibility is concerned with specifying external resources and software that will successfully satisfy the requirements. This system is built in Python Technology as an web application. As many android applications are available for different use so system is feasible for implementing.

4.5 ACTIVITY

Admin:

- Login in the system.
- Manage the profile detail.
- Manage the change password.
- Manage the Instructor/Trainer
- Manage the Member.
- Manage the Yoga Courses
- Manage the Batch Timings
- Manage Publications and Books
- Manage the State.
- Manage the City.
- Provide Roles and Authentication to user.
- Logout into the system.

4.6 PROPOSED SYSTEM

- Knowledge of yoga and its culture in one click.
- Best Place to explore all yoga information and Trainer connects.
- Best Books and publications to find at one place.
- Can shop yoga accessories and its collections.
- The system is to provide facility to connect for train the trainer model.
- The system provides authentic features for yoga academy and training programs, camps and shops.
- It provides wide range of certain criteria in each window the client is working for better and quicker solution.
- It maintains report for all criteria and transactions.
- Stores information about regular products.

4.7 MODULE DESCRIPTIONS

Login Form – the login form will be used by the administrator, Trainer, yoga centre instructors and Reg-User of the yoga centre to access their respective accounts.

Administrator can:

- Manage user accounts (CRUD – create, update, and delete)
- Manage reg. user type (CRUD – create, update, and delete)
- Manage member information (CRUD – create, update, and delete), approve and disapprove the application
- Manage yoga centre instructor information (CRUD – create, update, and delete), activate and deactivate the account
- Manage promotional material (upload banners and videos for promotion and advertisement purposes)
- Manage yoga and yoga plan information (CRUD – create, update, and delete)
- Manage payment (accept and void payments) Perform database and system maintenance

4.8 SELECTION OF HARDWARE AND SOFTWARE

Hardware Interfaces

Processor: Processor-Intel(R) Core(TM) i3-6006U CPU @ 2.00 GHz 1.99GHz.
RAM: 4 GB
Hard Disk: 250 GB

Software Interfaces
Operating System: Windows 10
Application Server: Apache tomcat 6.0
Front End : Python Django
Back End : MySQL
Browser: Google Chrome 6.0 compatible

Justification

- Python Django is best open source programming language to develop web application (back end) for small and large enterprise with portable implementation.
- MySQL is also best open source database engine to work.
- Combination of both will give great web application as output.

Chapter: 5

SYSTEM DESIGN

5.1 SYSTEM DESIGN & METHODOLOGY

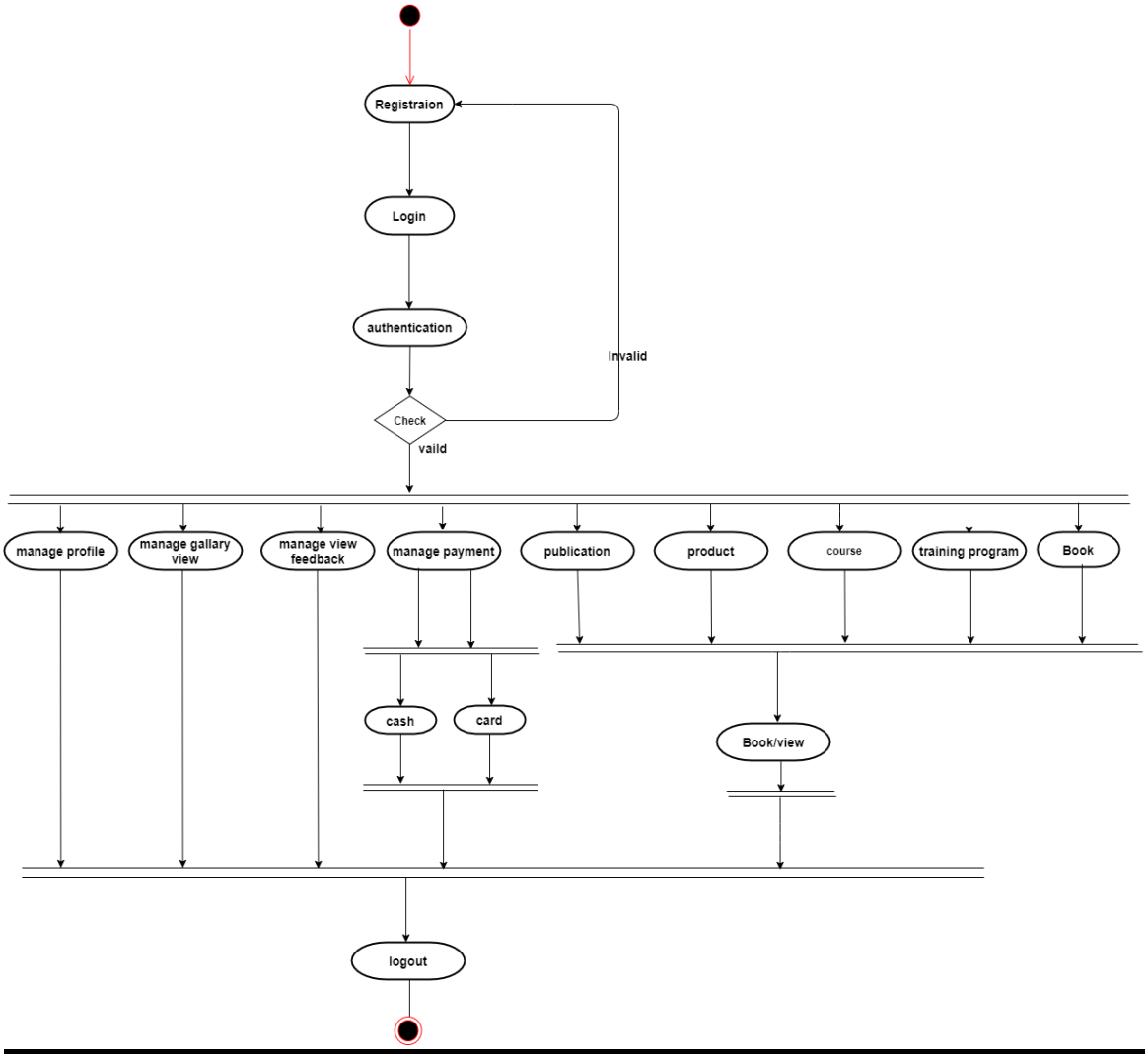


Fig 5.1.1 Activity Diagram

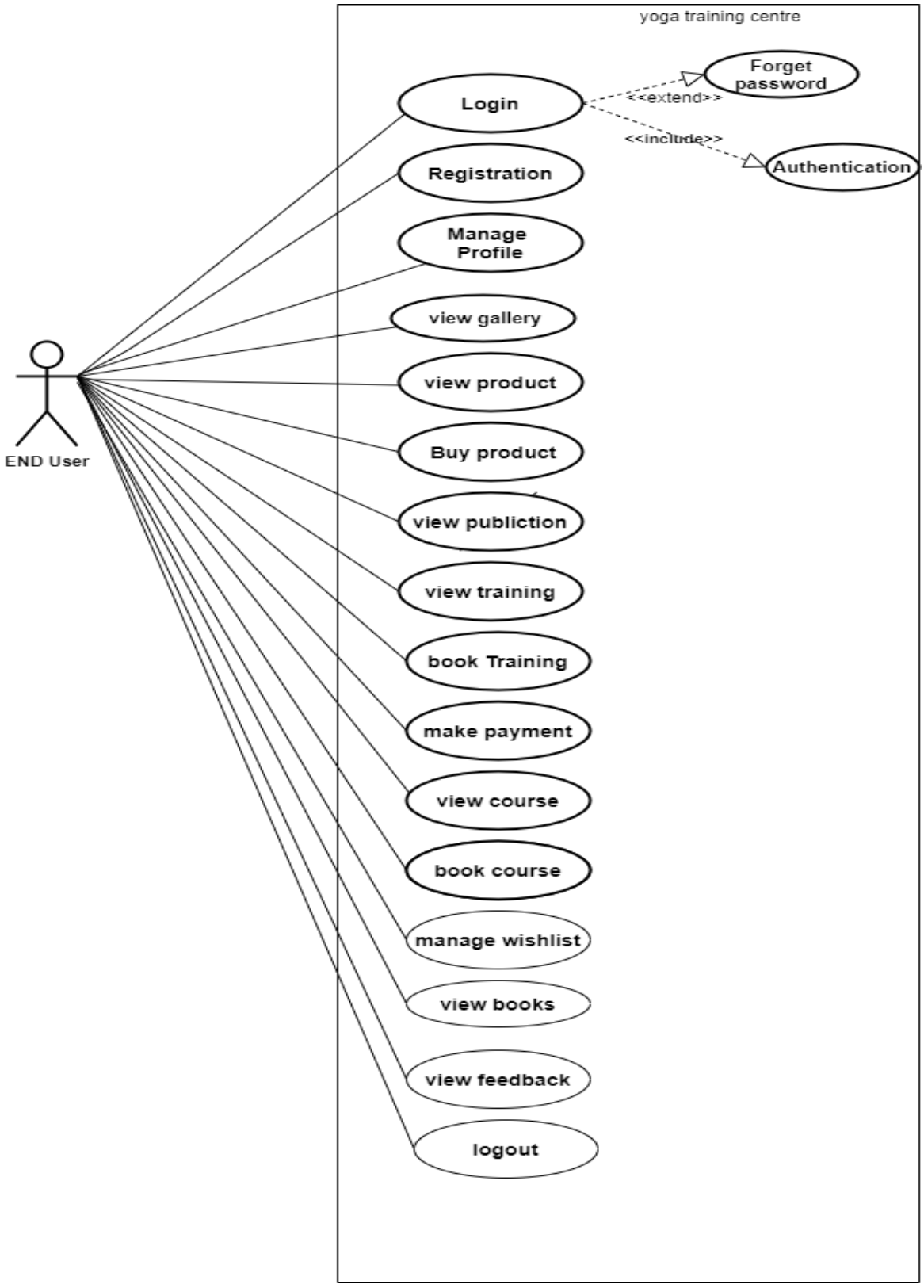


Fig 5.1.2 Use Case Diagram

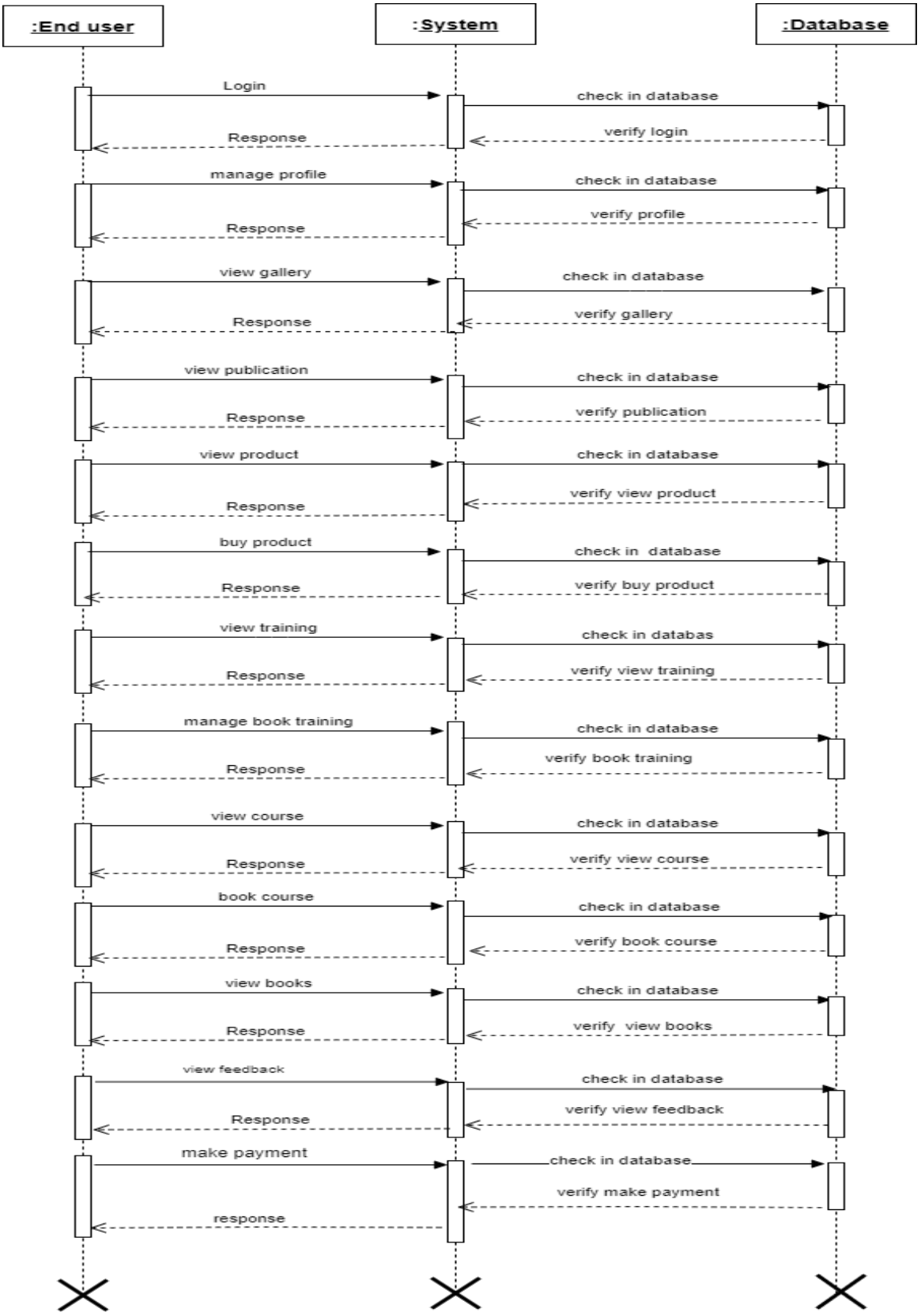


Fig 5.1.3 Sequence Diagram

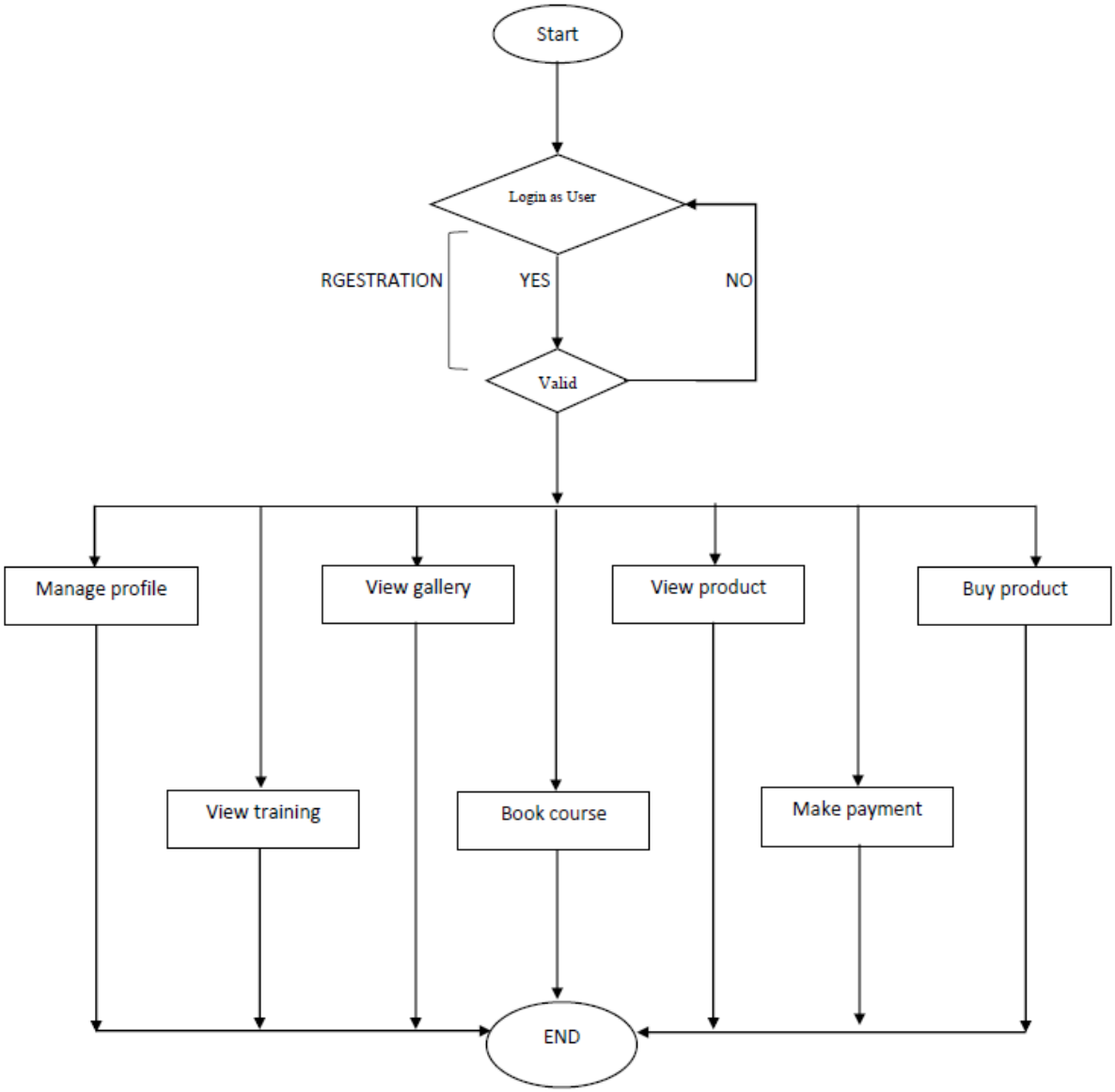


Fig 5.1.4 Flow Diagram

5.2 DATABASE DESIGN

User: store the information about user

This table is showing the details of user.

Primary key: user_id

Table name: user

Table 5.2.1 User data dictionary

Field name	Datatype	Size	Constraints	Description
User_id	Integer	4	Primary key	Id of trainer
User_name	Varchar	20	Not null	Name of trainer
User_password	Integer	25	Not null	Password of trainer
User_address	Varchar	200	Not null	Address of trainer
User _phone	Integer	10	Not null	Phone no. Of trainer

- This table shows the details of the trainer (user_id, user_name, user_password, user_phone, user_email).
- This table in primary key is user_id.
- Primary key value is auto increment.

Product: store the information about product

This table is showing the details product.

Primary key: p_id

Foreign key: user_id

Table name: product

Table 5.2.2 Product data dictionary

Field Name	Datatype	Size	Constraints	Description
P_id	integer	15	Primary Key	Id of product
P_name	Varchar	15	Not null	Name of product
P_price	Float	10	Not null	Price of product
P_category	Varchar	20	Not null	Category of product
P_type	Varchar	20	Not null	Type of product
User_id	integer	15	Foreign key	Fetch the data from user table

- This Table Shows the Details of the Product (P_Id, P_Name, P_Category, P_Type, P_Price, user_Id).
- This Table in Primary Key is P_Id and Foreign Key is user_Id.
- Primary Key Value is Auto Increment.

Foreign Key is Fetch Data from userTable**.**

Gallery: store the information about gallery

This table is showing the details gallery.

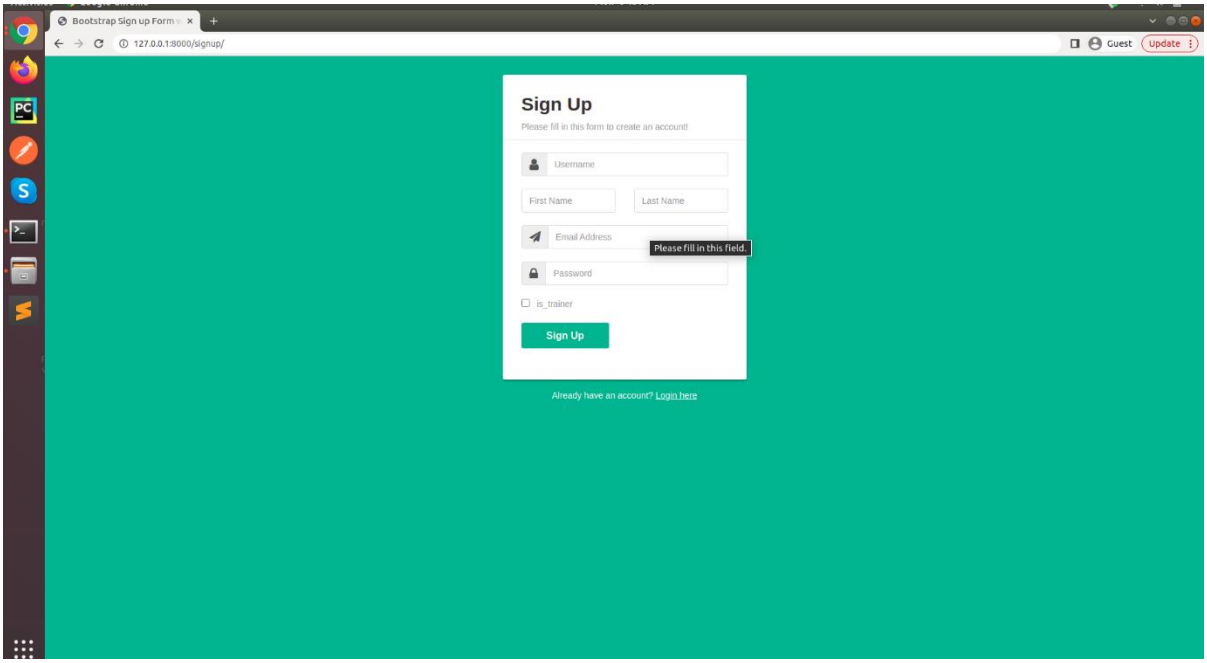
Table name: gallery

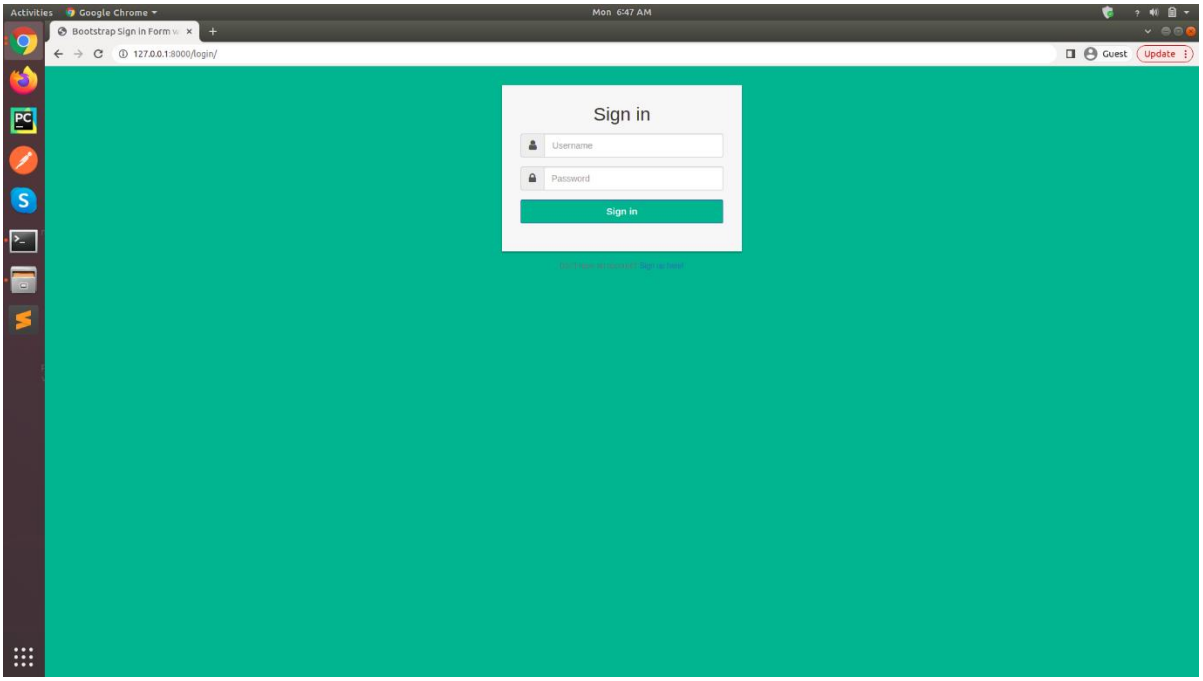
Table 5.2.3 Gallery data dictionary

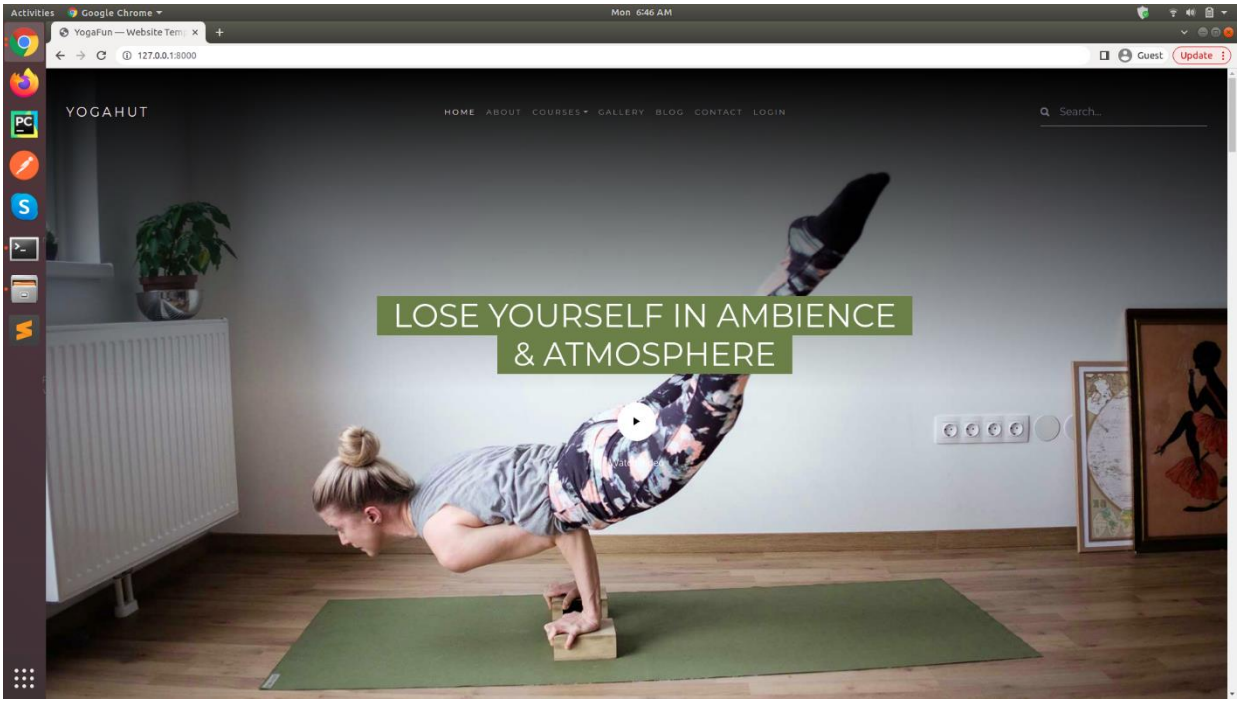
Field Name	Datatype	Size	Constraints	Description
G_size	integer	25	Not null	Size of image
G_type	Varchar	10	Not null	Type of image

- This table Shows the details of the gallery. (G_size,G_type).

5.3 INTERFACE DESIGN



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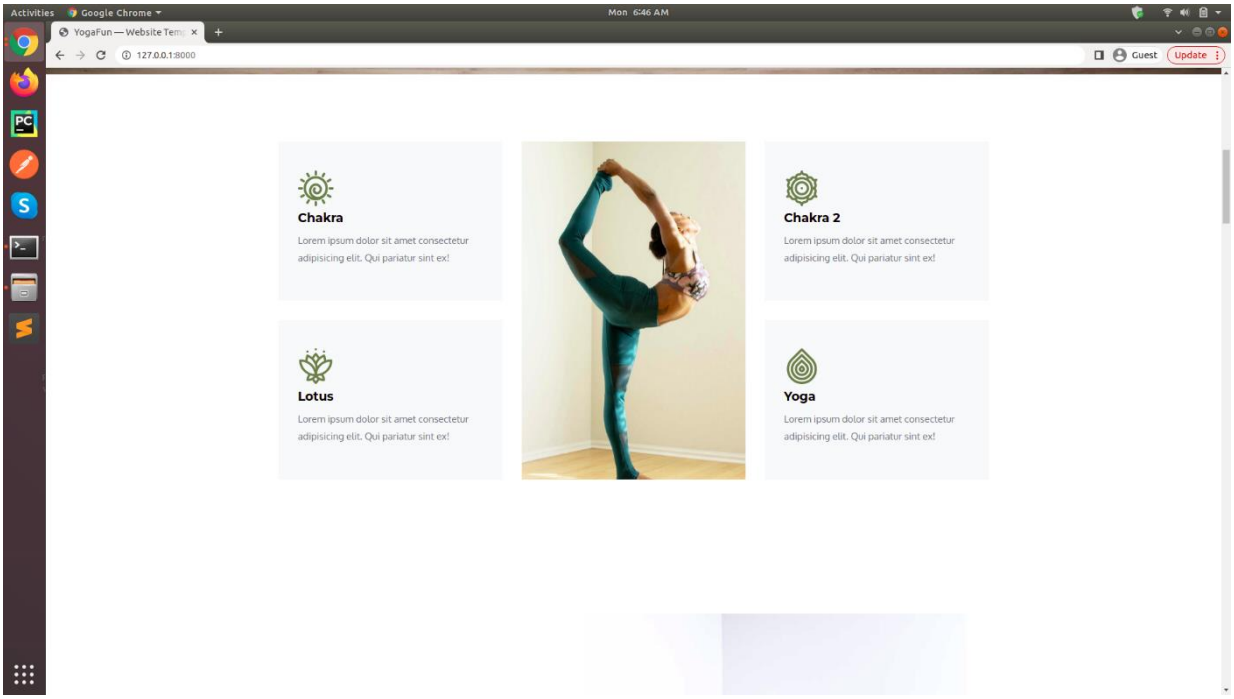
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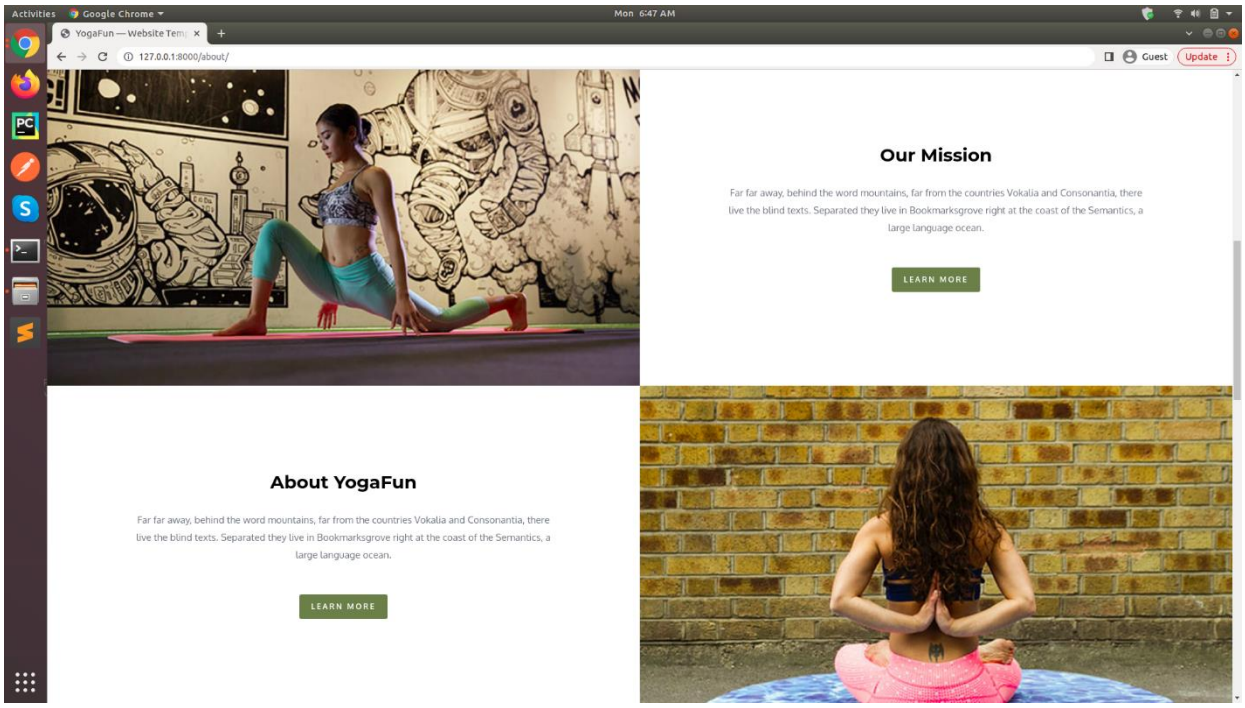
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Guest
Update
Our Mission
Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean.
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About YogaFun
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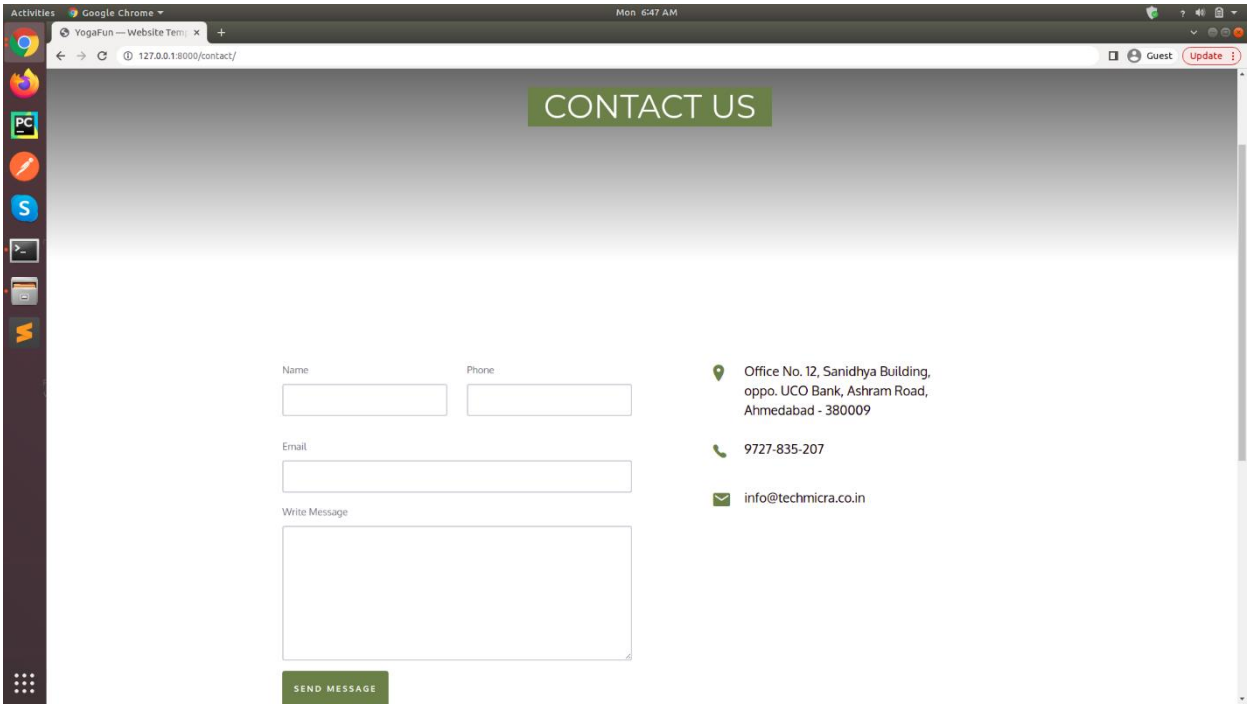
LEARN MORE


Activities
Google Chrome
Mon 6:47 AM
YogaFun — Website Tem
127.0.0.1:8000/contact/
Guest
Update
CONTACT US
Name
Phone
Email
Write Message
SEND MESSAGE
Office No. 12, Sanidhya Building,
oppo. UCO Bank, Ashram Road,
Ahmedabad - 380009
9727-835-207
info@techmicra.co.in

Chapter: 6

IMPLEMENTATION

6.1 IMPLEMENTATION ENVIRONMENT

- Our project is suitable for all types of users like single and multi-users.
- Multi users are allowed to operate the website at the same time.
- We provide an interface which is user friendly.
- We have GUI (graphical user interface) by which all types of users can easily access the application.
- One user at a time and also multiple users can access the website at the same time and use all the services.
- If we don't provide the GUI on the website then users won't like our website.
- For better performance and reliability, we have to include GUI in the website
- So, for more security and performance we have to use the GUI.

6.2 SPECIFICATION OF PROJECT

User authentication:

- Identification and authentication are used to establish a user's identity.
- Each user is required to log in to the system.

Password Protection:

- Every user who is to be allowed to access the portal is given his own username and password and given his own access rights so that only authorized and authenticated users can access the project.

Confidentiality:

- We provide confidentiality to all the users.
- In that one user cannot access the data of the other users.
- For that we provide one key to each user to secure its data.

Scalability:

- We provide the scalable website to make sure that every user can access the website in a proper order.
- Users like those types of websites which are in one particular order that users cannot wait for the usage of the services.

Chapter: 7

TESTING

7.1 TESTING PLAN / STRATEGY

The Test Plan document on the other hand, is derived from the Yoga Training Description, Software Requirement Specification, or Use Case Documents. The Test Plan document is usually prepared by the Test Lead or Test Manager and the focus of the document is to describe what to test, how to test, when to test and who will do what test.

It is not uncommon to have one Master Test Plan which is a common document for the test phases and each test phase has their own Test Plan documents. There is much debate, as to whether the Test Plan document should also be a static document like the Test Strategy document mentioned above or should it be updated every often to reflect changes according to the direction of the project and activities. Our own personal view is that when a testing phase starts and the Test Manager is “controlling” the activities, the test plan should be updated to reflect any deviation from the original plan. After all, Planning and Control are continuous activities in the formal test process.

Components of the Test Plan document

- Test Plan id
- Introduction
- Test items
- Features to be tested
- Features not to be tested
- Test techniques
- Testing tasks
- Suspension criteria
- Features pass or fail criteria
- Test environment (Entry criteria, Exit criteria)
- Test deliverables
- Trainer/ Yoga Member and training needs
- Responsibilities

This is a standard approach to prepare test plan and test strategy documents, but things can vary company-to-company.

General Test Cases

- Yoga Training Book Flow – Test cases
- User (Yoga Member) Registration – Test cases
- Trainer – Yoga Training creation Test cases

General Test Cases

1. Verify that user is able to navigate through all the Yoga Trainings across different categories
2. Verify that all the links and banners are redirecting to correct Yoga Training/category pages and none of the links are broken
3. Verify that the company logo is clearly visible
4. Verify that all the text – Yoga Training, category name, price and Yoga Training description are clearly visible
5. Verify that all the images – Yoga Training and banner are clearly visible
6. Verify that category pages have relevant Yoga Training listed specific to the category
7. Verify that correct count of total Yoga Trainings is listed on the category pages
8. Search – Verify that on searching all the Yoga Training satisfying the search criteria are visible on the search result page
9. Search – Verify the more relevant Yoga Training for the search term are displayed on the top for a particular search term
10. Search – Verify that count of Yoga Trainings is correctly displayed on the search result page for a particular search term
11. Filtering – Verify that filtering functionality correctly filters Yoga Training based on the filter applied
12. Filtering – Verify that filtering works correctly on category pages
13. Filtering – Verify that filtering works correctly on the search result page
14. Filtering – Verify that correct count of total Yoga Trainings is displayed after a filter is applied
15. Sorting – Verify that all the sort options work correctly – correctly sort the Yoga Trainings based on the sort option chosen

16. Sorting – Verify that sorting works correctly on the category pages
17. Sorting – Verify that sorting works correctly on the search result page
18. Sorting – Verify that sorting works correctly on the pages containing filtered result, after applying filters

7.2 Test Cases

Table 7.2.1 Login Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	User authentication	
Test:	User Name and Password (Shubham, Shubham748)	
Data:		
Steps:	·	Enter User Name
	·	Enter Password
	·	Click Login
Status:	Pass	
	Table: Login	

Table 7.2.1 View Gallery Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	View Gallery	
Pre Req:	User logged in	
Test Data:	User Name and Password (Shubham, Shubham748)	
Steps:	·	Enter User Name
	·	Enter Password
	·	Click view Gallery
Status:	Pass	
	Table: View Gallery	

Table 7.2.3 View Products Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	View Products	
PreReq:	User logged in	
Test Data:	User Name and Password(Shubham, Shubham748)	
Steps:	·	Enter User Name
	·	Enter Password
	·	Click view Products
Status:	Pass	
	Table: View Products	

Table 7.2.4 View Products Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	View Courses	
Pre Req:	User logged in	
Test Data:	User Name and Password(Shubham, Shubham748)	
Steps:	·	Enter User Name
	·	Enter Password
	·	Click view Courses
Status:	Pass	
	Table: View Courses	

Table 7.2.5 View Books Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	View Books	
Pre Req:	User logged in	
Test Data:	User Name and Password (Shubham, Shubham748)	
Steps:	·	Enter User Name
	·	Enter Password
		Click on view Books
Status:	Pass	
	Table: View Books	

Table 7.2.6 Add Feedback Test Case Table

Test Engineer:	Shubham	
Date:	01-04-2022	
Purpose:	Add Feedback	
Pre Req:	User logged in	
Test Data:	User Name and Password (Shubham, Shubham748)	
Steps:	·	Enter User Name
	·	Enter Password
	·	Click on Feedback
Status:	Pass	
	Table: Add Feedback	

Chapter: 8

CONCLUSION

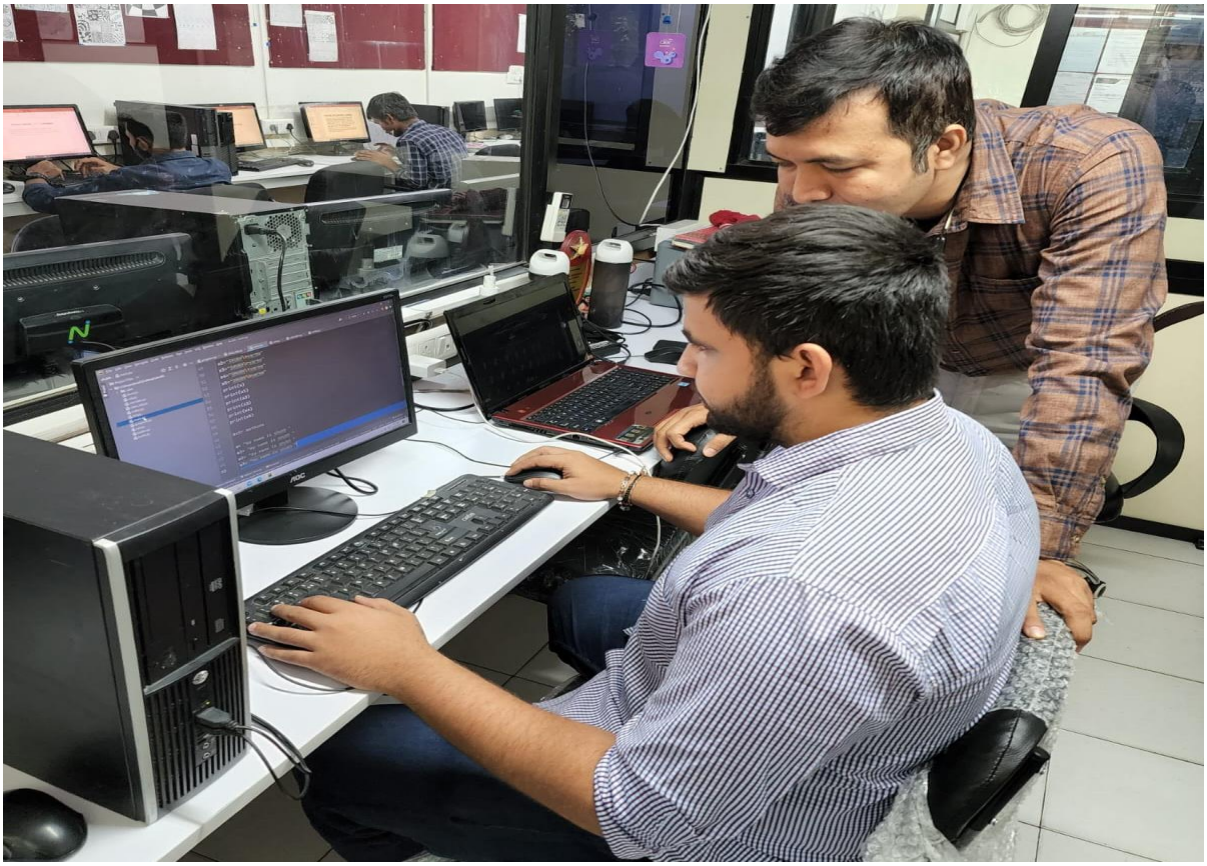
CONCLUSION

We have enjoyed a lot in our project “Yoga Hut” and special thanks to our internal **Prof. Megha Joshi** who had helped us a lot in our project analysis. The Yoga Hut is highly secured, because for login the system it requires the username and password which is different for each department therefore providing each department a different view of the customer information. It provides wide range of certain criteria in each window the client is working for better and quicker solution. It maintains report for all criteria and transactions. Manages member information separately for all exercise and employee information separately for considering the requirements of centre Stores information about regular products

8.1 PROJECT VIABILITIES

According to me, this projected is completed with the primary functionalities as specified earlier but then again there is lot more than this which can be done. The project is well capable to handle the given job for some particular tasks but not all of them. So, then it is a challenge to further develop it in to well fledge web application as it was challenge to develop up to this very stage.

8.2 PHOTOGRAPHS WITH COMPANY'S MENTOR.



8.3 DATES OF CONTINUOUS EVALUTION

- First review is conducted on 03/02/2022 via online mode.
- Second review is conducted on 05/03/2022 via offline mode.
- Third review is conducted on 29/04/2022 via offline mode.

8.4 PROBLEM ENCOUNTERED

There are so many problems encountered during this project.

- The problem to maintain threshold.
- The problem to maintain back-end service.

8.5 SUMMARY OF INTERNSHIP

It is a great achievement to successfully complete the project. The prior knowledge of software engineering has helped immensely in overcoming the various roadblocks. We have done work with pre-planned scheduling related with time constraints and result oriented progress in project development.

8.6 LIMITATION AND FUTURE ENHANCEMENT

LIMITATIONS

● System will require a minimum a good net connection and a decent processor to run this web appication.
● Advanced techniques are not used to check the authorization.
● It can take too much time to load sometimes.

FUTURE ENHANCEMENTS

● I will try to create a dataset which will have stock information about various companies so that it can predict stock prices for more companies which will be beneficial for users.
● As the technology emerges, it is possible to upgrade the system and can be adaptable to the desired environment.
● Because it is based on object-oriented design, any further changes can be easily adaptable. Based on the future security issues, security can be improved using emerging technologies.
● At present, there is no live chat feature for helping investors which can be added in future.