MINI-PROJECT
(2021-2022)

LAST HOPE
(Web Development)

PROJECT REPORT

Department of Computer Engineering & Applications

Institute of Engineering & Technology

Submitted by :-

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Adarsh Verma (191500051)
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Submitted to :-

Mr. Akash Kumar Choudhary

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Certificate

This is to certify that Vaibhav Choudhary , Adarsh Verma , Abhas Raghuvanshi , Kunwar Nabeel Khan and Surabhi Sharma students of B.Tech (CSE) 3rd year has successfully Completed the MINI PROJECT named LAST HOPE on Web Development under the Guidance of Mr. Akash Choudhary. During 2021-22.

Signature:

Mr. Akash Kumar Choudhary
(Mentor)

INTERNSHALA TRAININGS

Certificate of Training

Surabhi Sharma,

student of GLA University, has successfully completed a six weeks online training on **Web Development**. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Surabhi scored 75% marks.
We wish Surabhi all the best for the future.

Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-06-23 Certificate no. : CDBCFB0A-5AB2-F0E8-182B-5D00C15F1971

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INTERNSHALA TRAININGS

Certificate of Training

Adarsh Verma,

student of GLA University, has successfully completed a six weeks online training on **Web Development**. The training consisted of HTML & CSS, Bootstrap and SQL modules. In the final assessment, Adarsh scored 72% marks.

We wish Adarsh all the best for the future.

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

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INTERNSHALA TRAININGS

Certificate of Training

Vaibhav Choudhary,

student of GLA University, has successfully completed a six weeks online training on **Web Development**. The training consisted of HTML & CSS, and javascript modules. In the final assessment, Vaibhav scored 72% marks.

We wish Vaibhav all the best for the future.

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-07-25 Certificate no. : CDBCFB0B-5AB3-F0E8-112B-5D00C25F1983

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INTERNSHALA TRAININGS

Certificate of Training

Abhas Raghuvanshi,

student of GLA University, has successfully completed a six weeks online training on **Web Development**. The training consisted of HTML & CSS, and javascript modules. In the final assessment, Abhas scored 70% marks.

We wish Abhas all the best for the future.

Sarvesh Agarwal

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Certificate of Summer Internship

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This is to certify that

Kunwar Nabeel Khan

has succesfully completed Summer internship at Netcamp Solutions Private Limited from 15th June, 2021 - 31st August, 2021

During the internship, the student went through various concepts and practices in the Web Development, Android App development and Network Management technologies

The student demonstrated self motivation to learn new skills and was able to complete the internship projects on time.

We wish the student all the best for the future endeavors.

Santu Purkait
Director
Netcamp Solutions Private Limited

Project Information:

Title Of Project/Training/Task	**Last Hope**
Role & Responsibility	**Surabhi Sharma:** Front-end ,Back-end and Designer **Vaibhav Choudhary:** Front-end and Back-end Designer **Adarsh Verma :** Front- end , Back-end designer and documentation work **Abhas Raghuvanshi :** Front-End and documentation **Kunwar Nabeel Khan :** documentation work
Technical Details	**Hardware Requirements:** • Minimum Marshmallow version 7.0 (for android) • Pentium IV or higher, (PIV-300GHz recommended) • Hard-Disk 250GB or more • RAM 4GB or more • Processor i3 (7^{th} Gen) • 1024 x 768 Display • Internet **Software Requirements:** • SYSTEM SOFTWARE :- Operating System (Windows , Linux , MacOS) • APPLICATION SOFTWARE :- a) HTML b) CSS c) JavaScript d) BootStrap e) MySQL f) php g) Github h)Xampp server i) Web Browser (Google Chrome , Firefox , Safari , Mozilla , Internet Explorer)

Acknowlegment

We have taken efforts in this project. However, it would not have been possible without the kind support and help of many Teachers . I would like to extend my sincere thanks to all of them.

We are highly indebted to Mr. Akash Kumar Choudhary for his guidance and constant supervision as well as for providing necessary information regarding the project & also for his support in completing the project.

We would like to express my gratitude towards our parents & member of GLA University for their kind co-operation and encouragement which help us in completion of this project.

Abstract

The report presents the three tasks that is being in continuation which are listed below:

1. Understanding of the Problem objective & implication.
2. Understanding of the data & building of the model.
3. Evaluation of the model.

All these tasks have been completed successfully and results were according to expectations. All the tasks were need very systematic approach, starting from the collection of the data to the implementation of the solution and till evaluation of the System. The most challenging task was the domain knowledge, to understand the language. It is one of the major areas and really need very fundamental and conceptual knowledge of HTML, JS, CSS, BootStrap.

1. Introduction

1.1 Overview

- All the functional/non-functional requirements, corresponding DFD's, UML and Use Case Diagrams have been organized in this report. Along with these designs, this report also contain the essential data of this project.
- The complete description of the application followed by the functionalities has been listed initially. Later on, the Webpage has been described diagrammatically with the help of different designing tools like Data Flow Diagram, Use Case Diagram, Interaction Diagram and E-R Diagram.

1.2 Motivation

In today's generation students are more depended on the internet to find the solutions and notes and they often waste their time in searching notes and solutions so they have to visit different websites for finding proper notes and solutions to accomplish their needs. And we often find that some websites have some issue of downloading the notes and solutions and it is difficult to download. Or maybe it's difficult to get the sample papers with different sets and according to regions .

So, we come up with this idea of making a webpage for helping such student where they can find all the needed information at one place. This website is mainly for school level and college students and it Provides notes, solutions and sample paper. It`s easy to download notes, solutions and sample paper on one click. And Students can easily get all the content of learning in free of cost.

The basic advantage of this project is that it is time saving as it saves the time of the student which was wasted in browsing the same information on different sites.

1.3 Problem Statement

In today's generation students are more depended on the internet to find the solutions and notes. Students often waste their time in searching notes and solutions so they have to visit different websites for finding proper notes and solutions to accomplish their needs.

Some websites have some issue of downloading the notes and solutions and it is difficult to download. It's difficult to get the sample papers with different sets and according to regions.

So, we design a website which solves all these problems.

1.4 Objective

- This website is mainly for school level and college students
- Providing notes , solutions , videos lecture and sample paper
- Easy to download notes , solutions and sample paper on one click
- Easily get all the content of learning in free of cost
- Enhance the learning of students
- Reliable and Efficient for users
- Our first approach for website is to analysis the problems that students is facing in their daily life in field of online study.
- As it is a E-Learning website , the most important is to download the proper notes , solutions and sample papers.
- We download the content or study material from various website (websites are provides in references).
- Next approach is to make our website attractive and easy to use .
- Here comes the stage of implementation where we have to code and developing the required webpages according to the requirements.
- After implementation , the most important is testing and to find the bugs in our website.

2. System and Requirement Analysis

2.1 System Analysis

System analysis is a process of collecting and interpreting facts, identifying the problems, and decomposition of the system into its components.

It is a process of studying a system in order to define its goals or purposes and to discover operations and procedures for accomplishing them most efficiently.

Here the problem is new students face a common problem of exposure. Most of the time, Students often waste their time in searching notes and solutions so they have to visit different websites for finding proper notes and solutions to accomplish their needs.

Some websites have some issue of downloading the notes and solutions and it is difficult to download. It's difficult to get the sample papers with different sets and according to regions.

So, we design a website which solves all these problems.

Role of System Analyst

The system analyst is a person who is thoroughly aware of the system and guides the system development project by giving proper directions. He is an expert having technical and interpersonal skills to carry out development tasks

required at each phase.

2.1.1 Main Roles of System Analyst:

- Defining and understanding the requirement of user through various fact finding techniques.
- Prioritizing the requirements by obtaining user consensus.

- Maintains analysis and evaluation to arrive at appropriate system which is more user friendly.
- Draw certain specifications which are easily understood by users and programmer in precise and detailed form.
- Implement the logical design of system which must be modular.

2.2 Users

The User of the web portal would be the Students (who have been signed up for the website irrespective of course and year) and Admin of this portal only.

2.3 Methodology

Our methodology is designed to help you take maximum advantage of the internet technologies. It incorporate all aspects related to our website and allows us to ensure that the final product is of the highest standards. Below are the steps we will take to ensure that all your deliverables are completed in time ,within budget also we will try to solve each and every problem efficiently.

Requirements analysis

The first step for us is to analyze your and your target`s requirements. Who will be visiting your website, what will be the purpose of their visit, what is the primary goal of your website, how can your organization best cater to their needs etc. Many such questions are analysed for the Needs Analysis stage.

If we are given access to the current website statistics, we would also like to analyze your current page views, average user time spent on the site, top landing pages, existing search engine rankings, existing bounce rates and many such factors. We analyze your online target audience and assess your differentiation strategy to best attract and retain your online visitors.

Your website will also undergo comprehensive search engine analysis twice during the course of the project; once during this stage and once again after the deployment (Go Live phase) of your website.

Website handover

Once the site is setup on your destination server, upon your approval we make the website live. One final set of testing is done on the live website for the quality assurance purposes. We then hand over the control of the site to you.

2.4 Dependencies/External Systems

User Interfaces:

UI-1: The Snakbok webpage shall permit complete navigation; including all the functionalities described above, starting from a simple login or registration to access the company information , to go through the feedbacks given by placed students ,to see the references to study the specified subjects ,users can give their suggestion to the admins and to give a quiz of several subjects . The portal is universally accessible on almost all PCs and smart phones.

Hardware Interfaces:

There are three external machines/devices used by the portal, each related to a user interface. These are a server machine at the admin end, hosting the portal, a PC at club's end, keeping log of the registration and membership entries made to them & providing them with an interface to do their part of

functionality offered, last one is a PC or a smart phone at user's end to access the portal. The devices at the user end behave as terminals and not for storing any type of data. Also capable of taking user input. All order and transaction should be stored on server.

HARDWARE REQUIREMENT (MINIMUM)

- 20 GB OF HARDDISK
- Processor i3 (7^{th} Gen)
- 1024 x 768 Display
- Internet
- Minimum Marshmallow version 7.0 (for android)
- Pentium IV or higher, (PIV-300GHz recommended)
- Hard-Disk 250GB or more
- RAM 4GB or more
- Processor i3 (7th Gen)
-

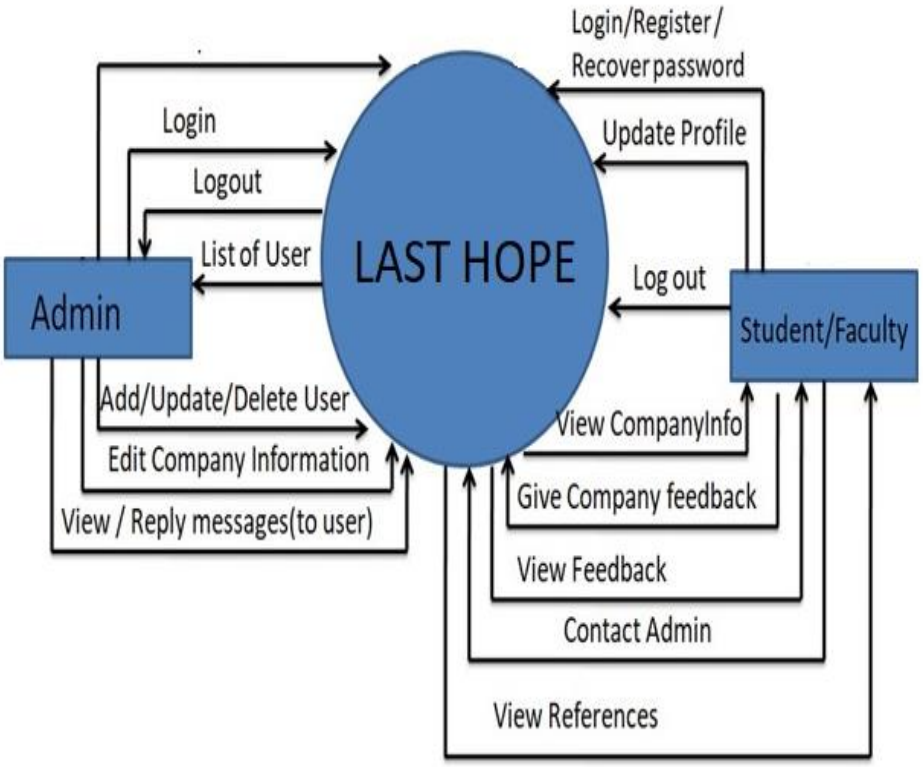
SOFTWARE REQUIREMENT-

- SYSTEM SOFTWARE
  - Operating System (Windows 7, Linux)
- APPLICATION SOFTWARE
  - HTML (front-end)
  - CSS
  - JavaScript (back-end)
  - BootStrap
  - MySQL (back-end)
  - php
  - Github
  - Xampp server
- Web Browser :-

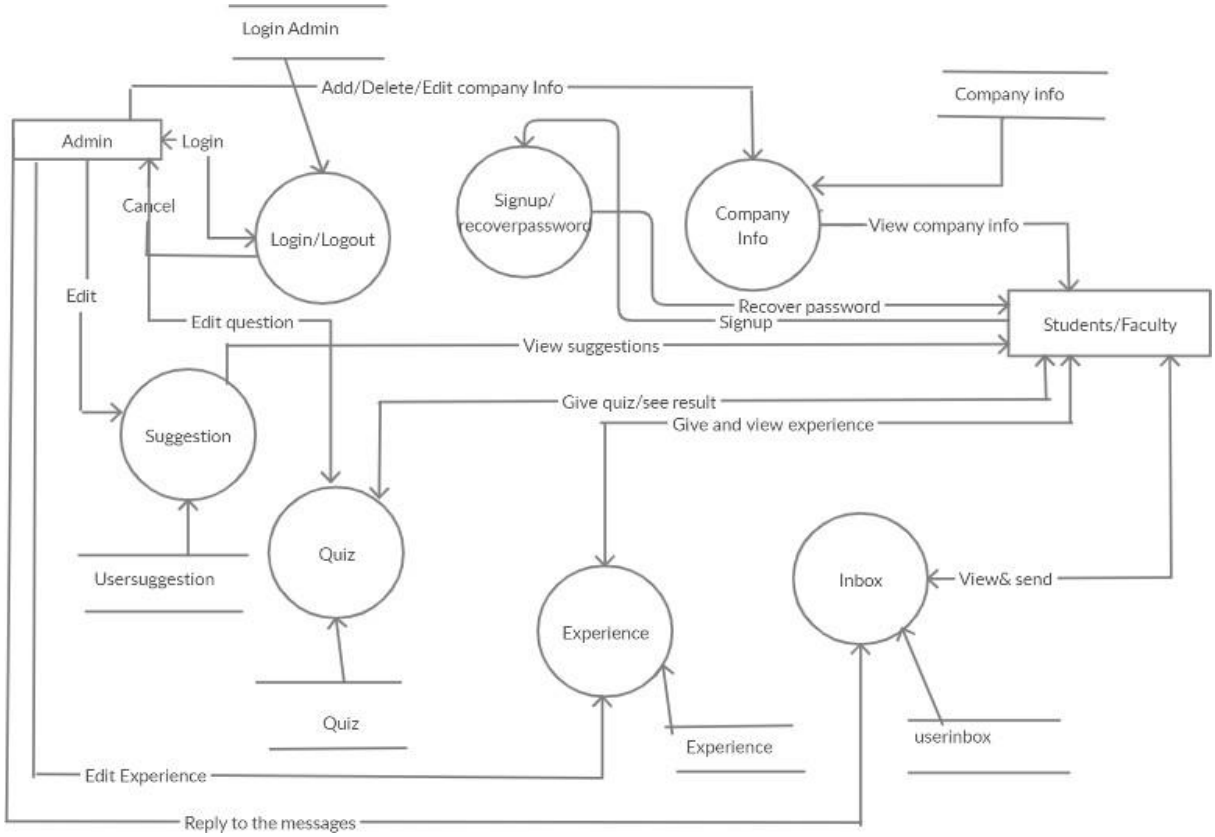
  Google Chrome , Firefox , Safari , Mozilla , Internet Explorer

2.5 DFD

LEVEL 0 DFD



LEVEL 1 DFD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Add/Delete/Edit company Info
Company info
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Cancel
Login/Logout
Signup/
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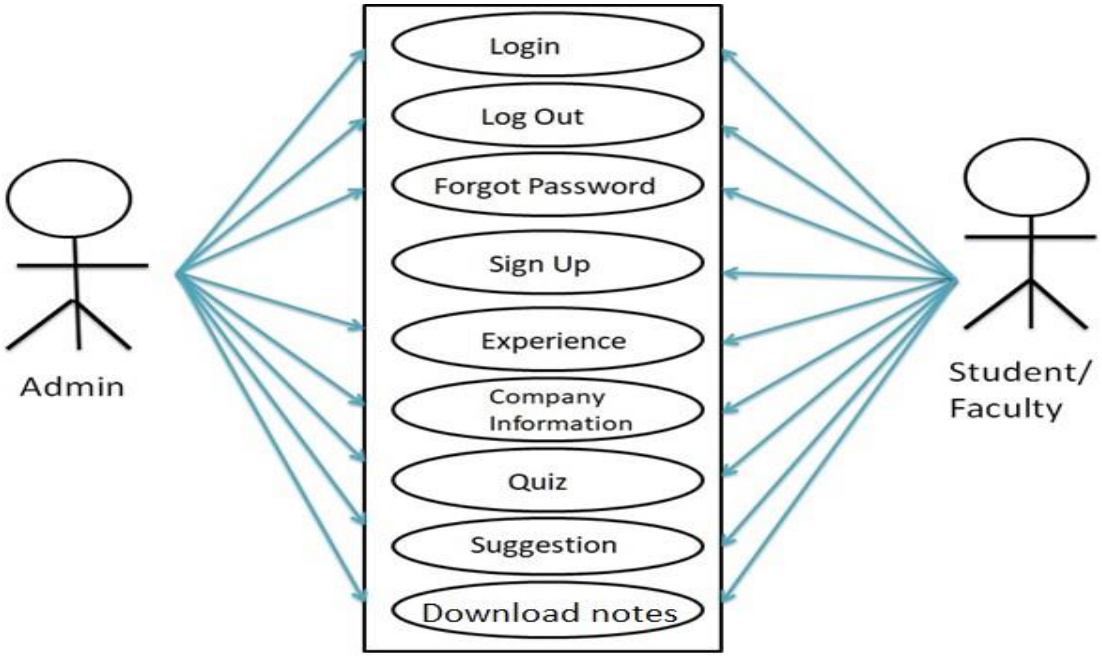
Info
View company info
Edit
Edit question
Recover password
Signup
Students/Faculty
View suggestions
Suggestion
Give quiz/see result
Give and view experience
Quiz
Usersuggestion
Inbox
View& send
Experience
Quiz
Experience
userinbox
Edit Experience
Reply to the messages

USE-CASE DIAGRAM



3. Implementation Details

I am creating a website in which i am using HTML, CSS and other web development languages and for backend , i m using PHP. For server and database we are using XAMPP (Apache server and MySQL database).

4. Contribution Summary

OUR TEAM:

Surabhi Sharma: Front-end , Back-end and Designer
Vaibhav Choudhary: Front-end and Back-end Designer
Adarsh Verma : Front- end, Back-end designer and documentation work
Abhas Raghuvanshi : Front-End and documentation
Kunwar Nabeel Khan : documentation work

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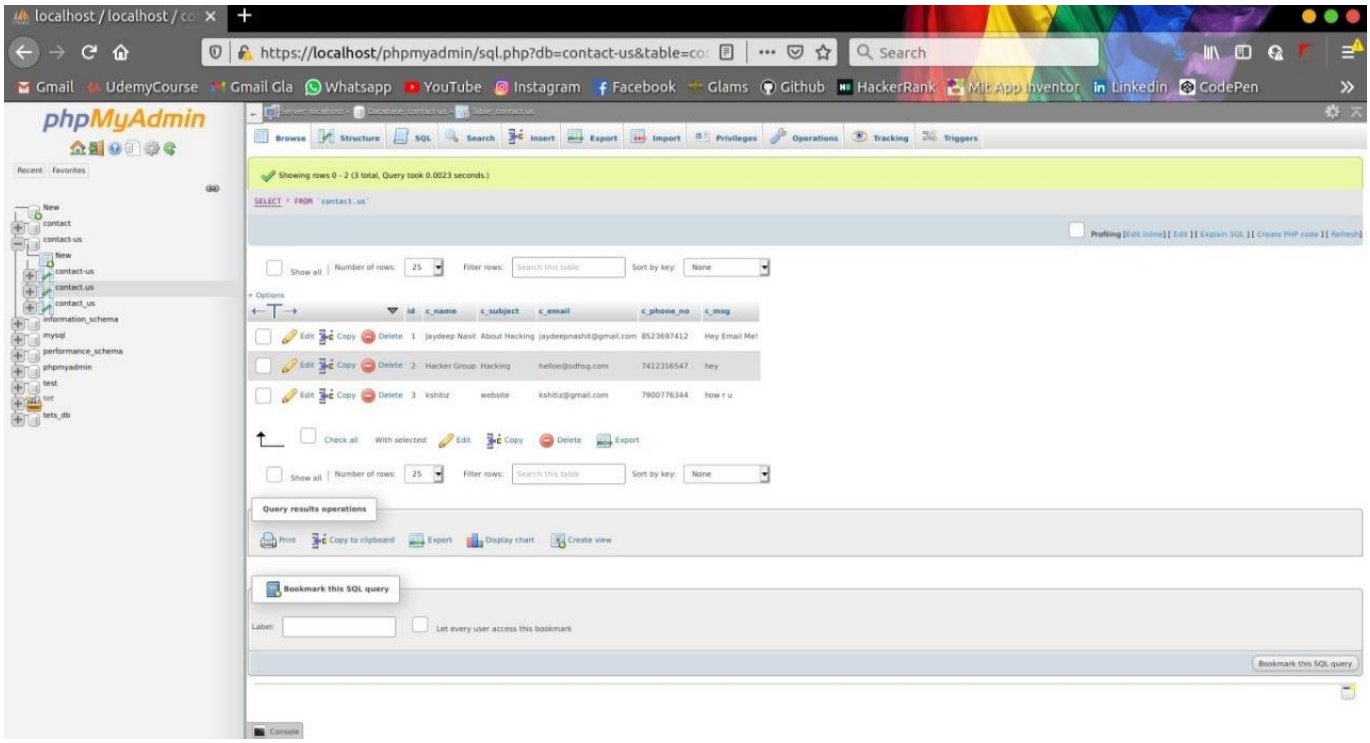
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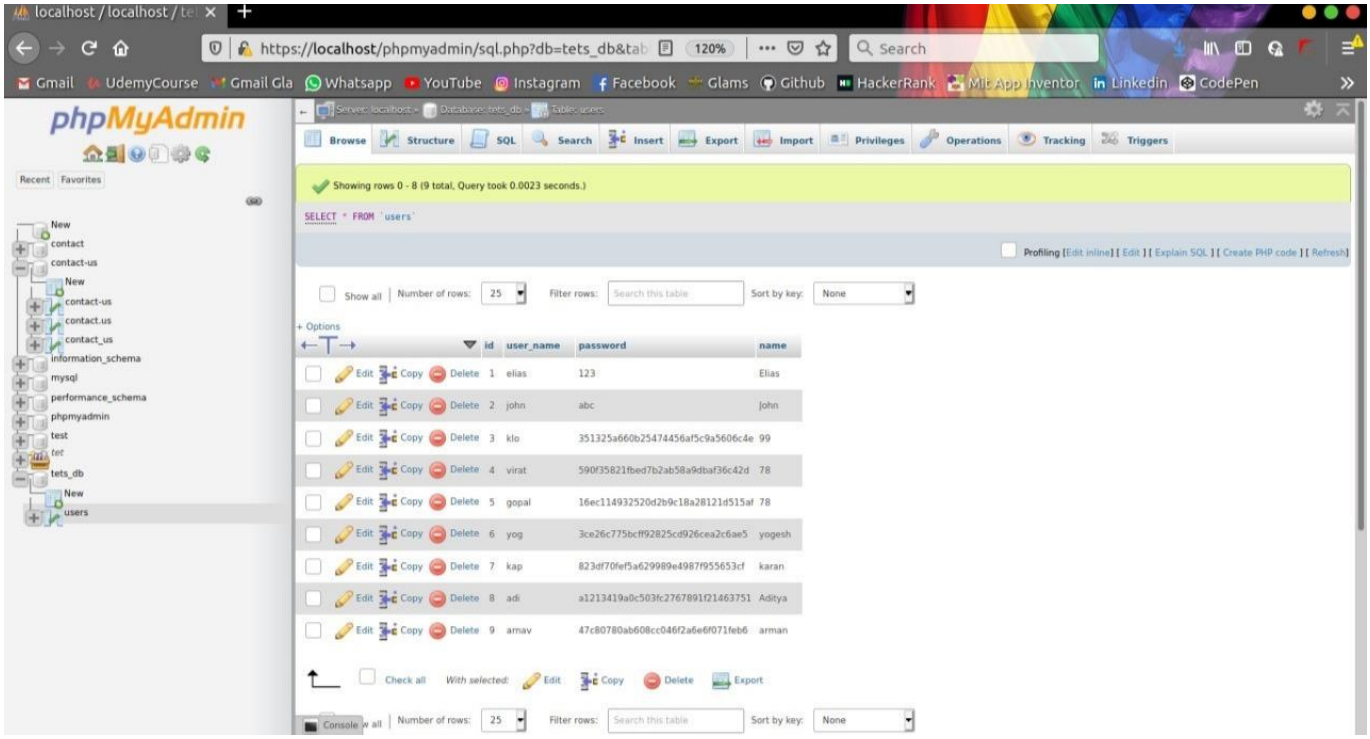
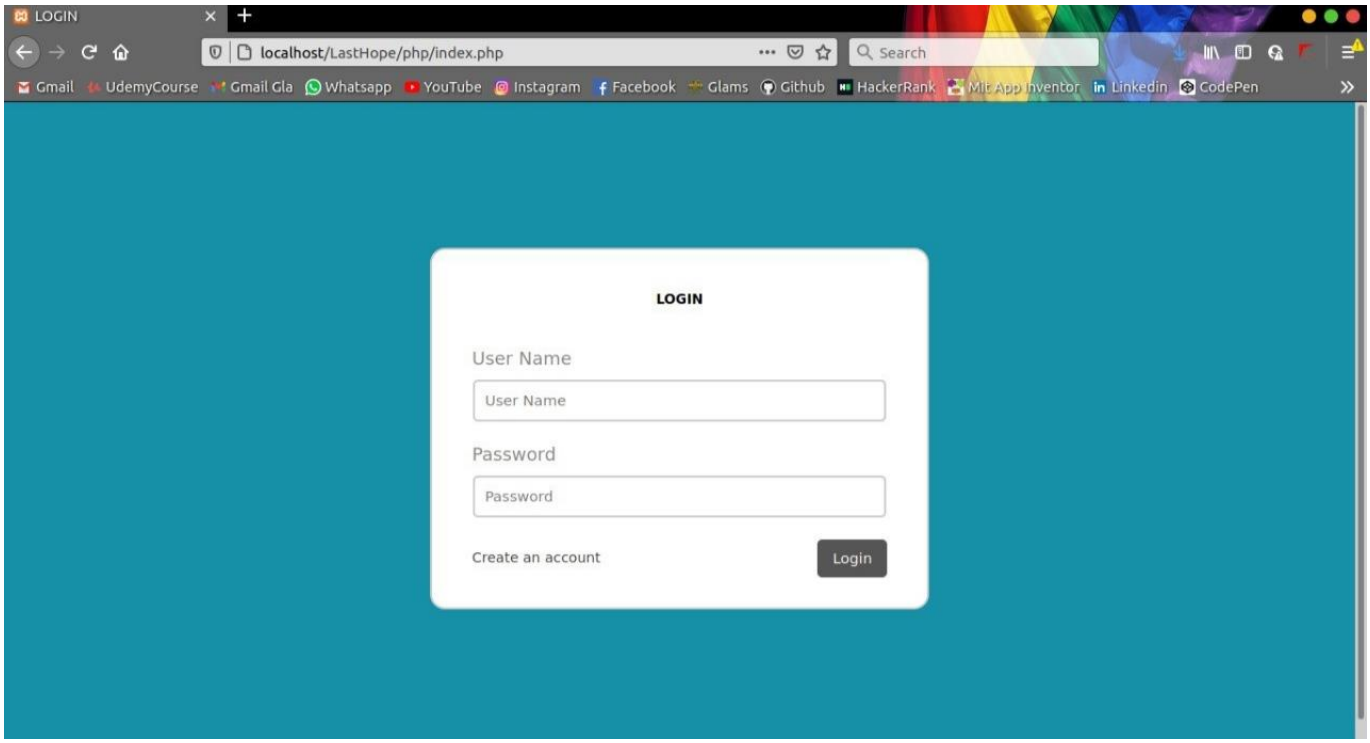
SELECT * FROM `contact_us`
Showing rows 0 - 2 (3 total, Query took 0.0023 seconds.)
Query results operations
Bookmark this SQL query


phpMyAdmin
SELECT * FROM `users`
Showing rows 0 - 8 (9 total, Query took 0.0023 seconds.)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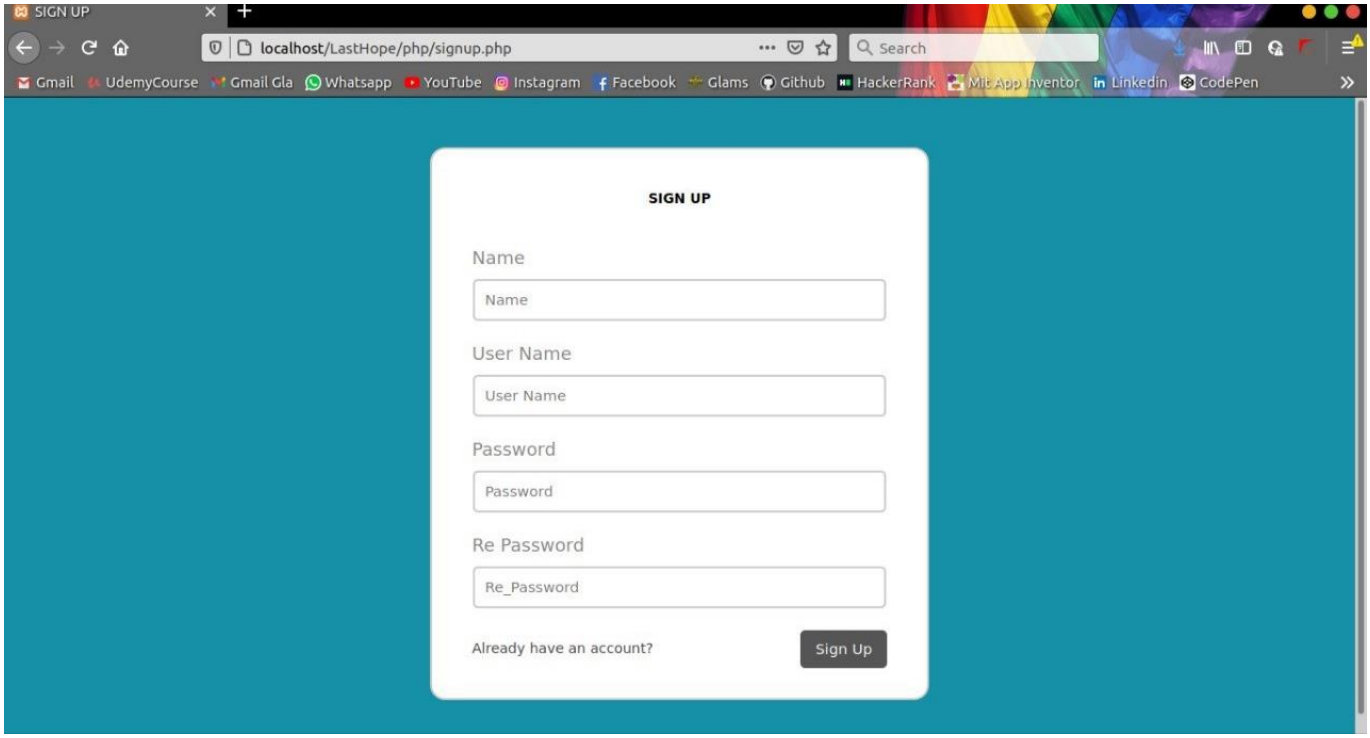
Password
Password
Create an account
Login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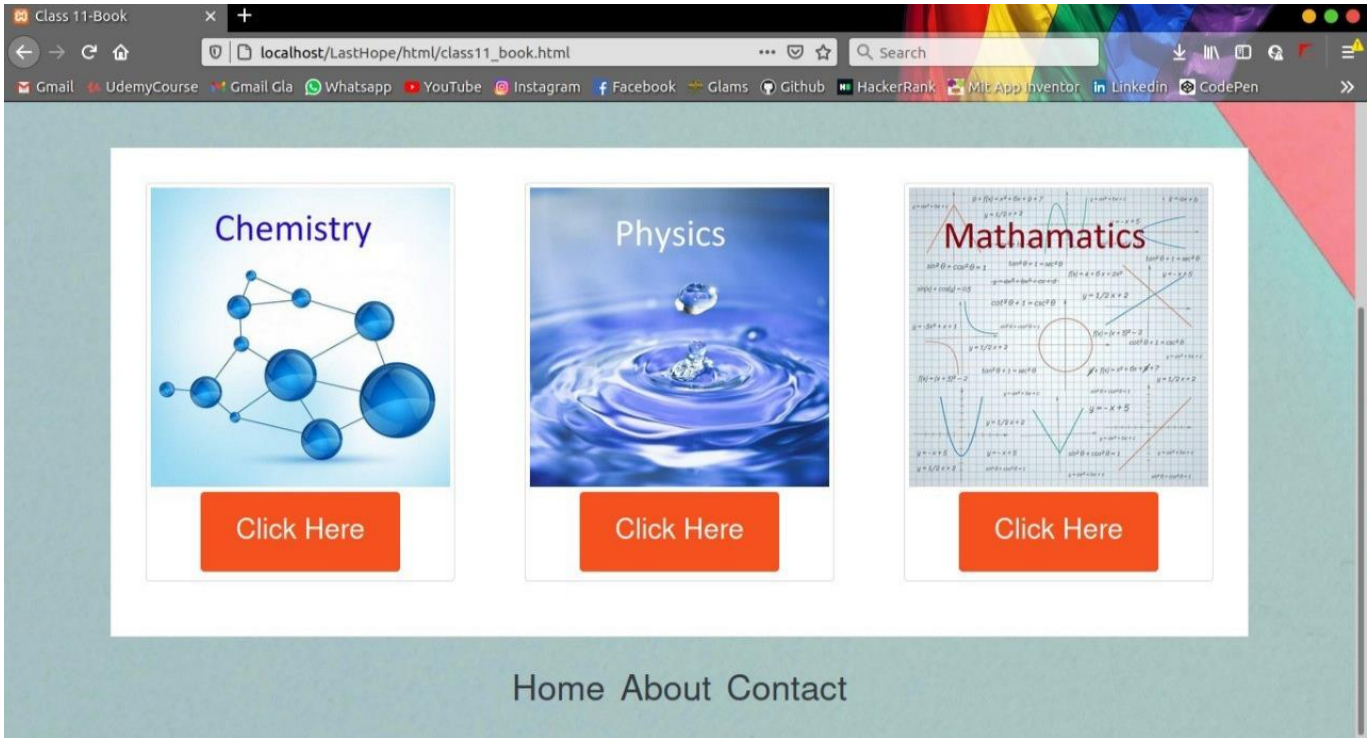
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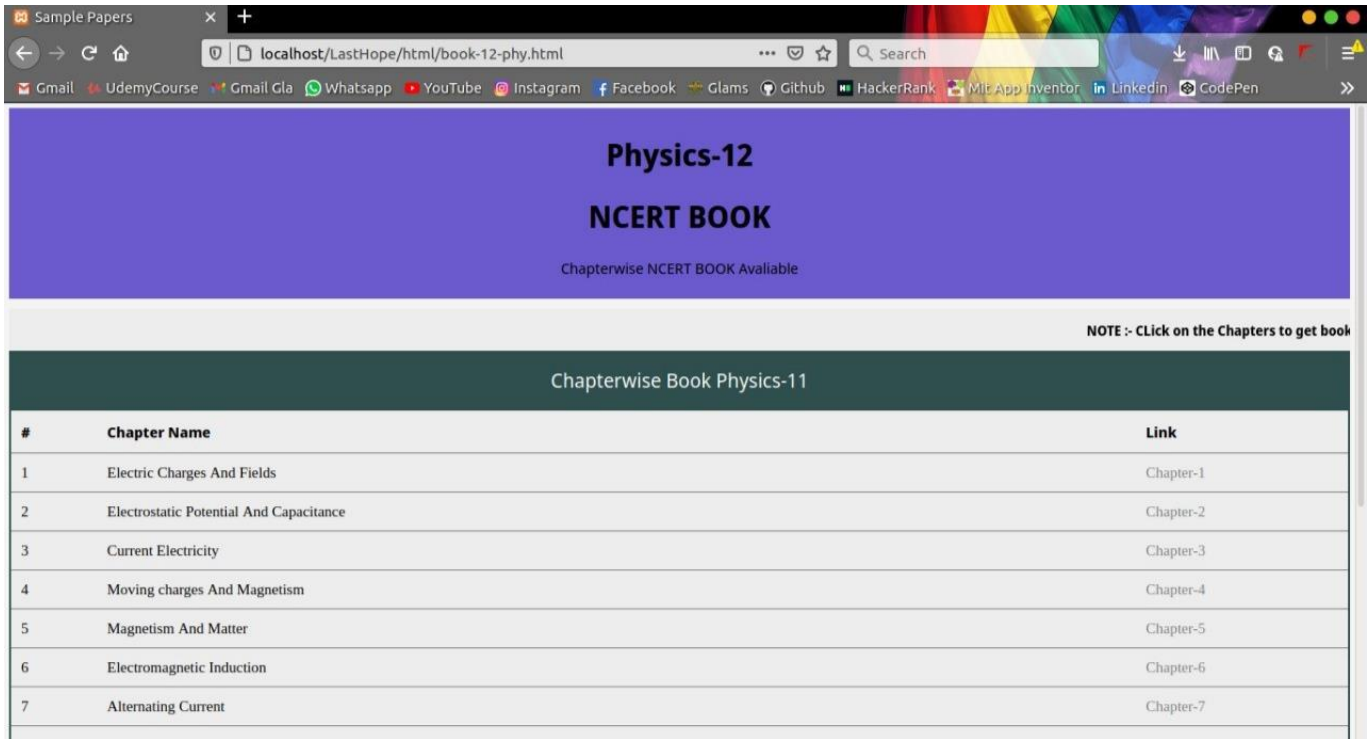
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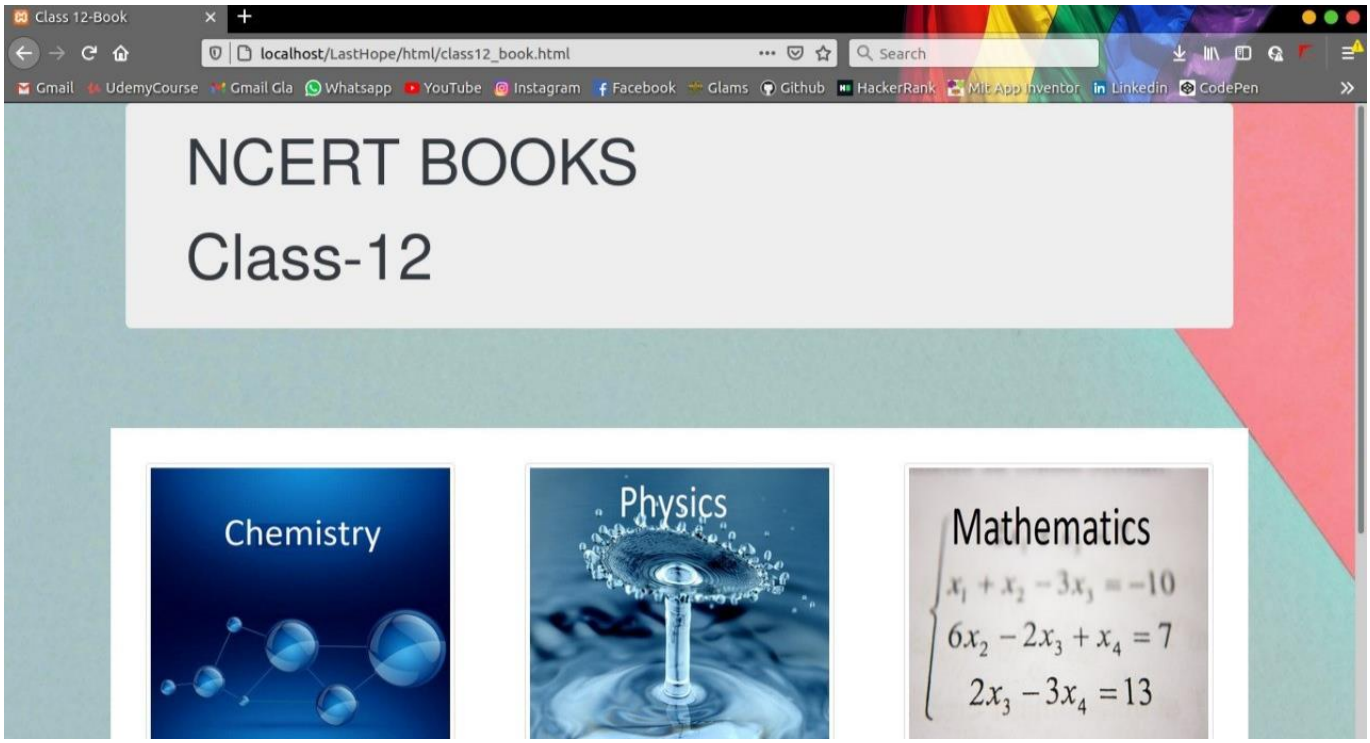
6 Electromagnetic Induction Chapter-6
7 Alternating Current Chapter-7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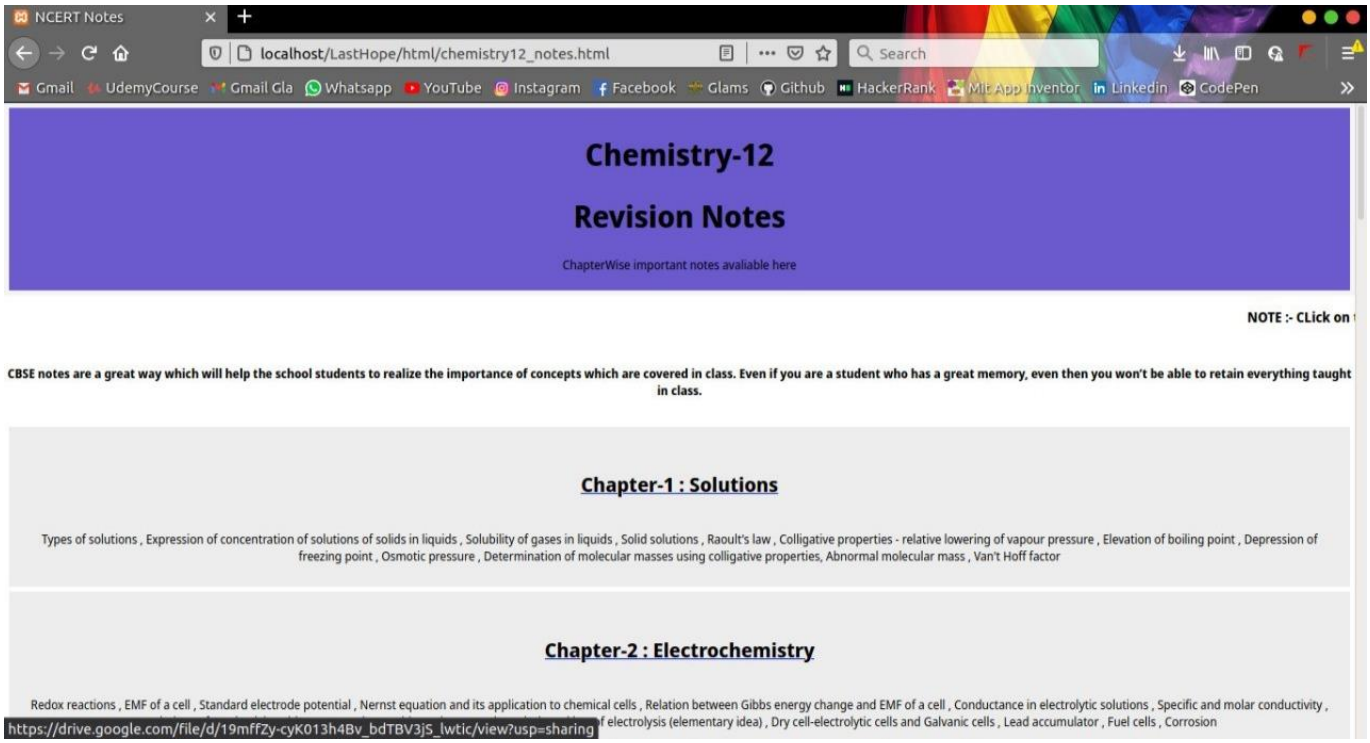
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Revision Notes
ChapterWise important notes avaliable here
NOTE :- CLick on
CBSE notes are a great way which will help the school students to realize the importance of concepts which are covered in class. Even if you are a student who has a great memory, even then you won't be able to retain everything taught in class.
Chapter-1 : Solutions
Types of solutions , Expression of concentration of solutions of solids in liquids , Solubility of gases in liquids , Solid solutions , Raoult's law , Colligative properties - relative lowering of vapour pressure , Elevation of boiling point , Depression of freezing point , Osmotic pressure , Determination of molecular masses using colligative properties, Abnormal molecular mass , Van't Hoff factor
Chapter-2 : Electrochemistry
Redox reactions , EMF of a cell , Standard electrode potential , Nernst equation and its application to chemical cells , Relation between Gibbs energy change and EMF of a cell , Conductance in electrolytic solutions , Specific and molar conductivity , electrolysis (elementary idea) , Dry cell-electrolytic cells and Galvanic cells , Lead accumulator , Fuel cells , Corrosion
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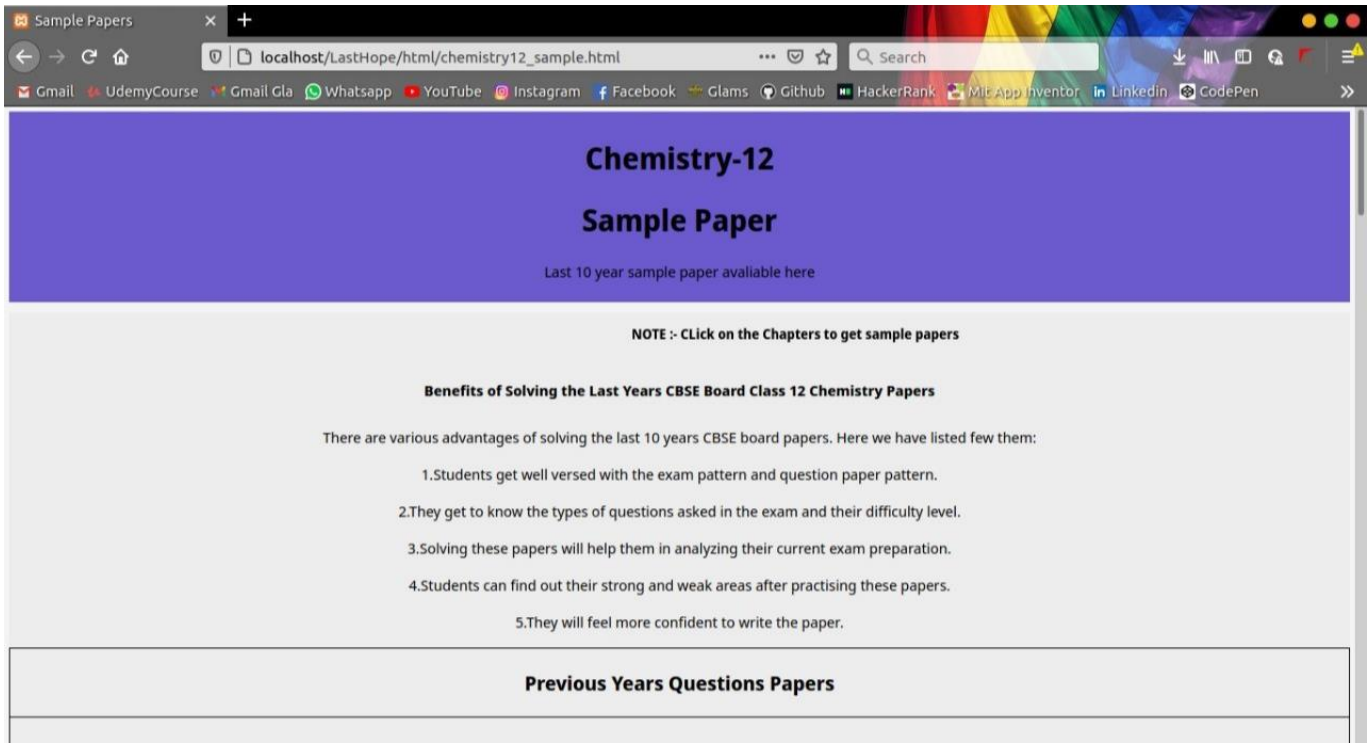
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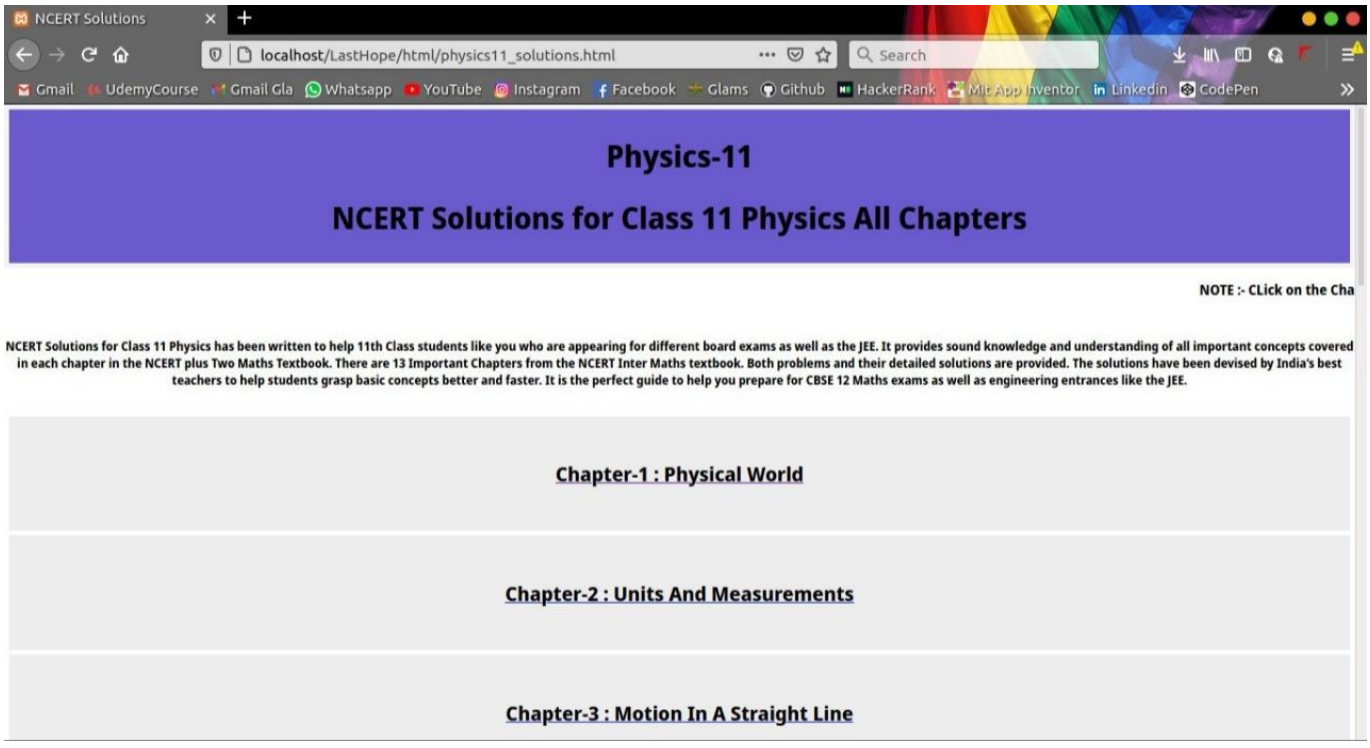
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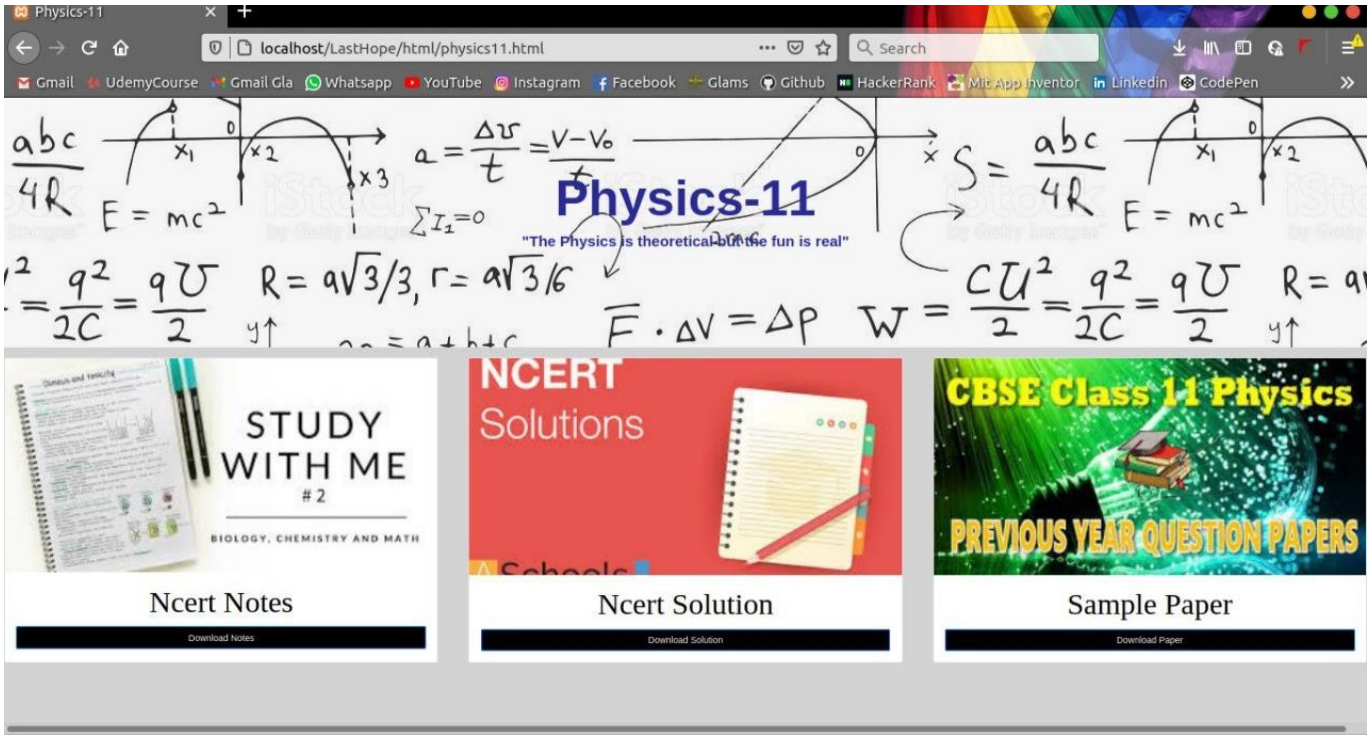
Chapter-2 : Units And Measurements
Chapter-3 : Motion In A Straight Line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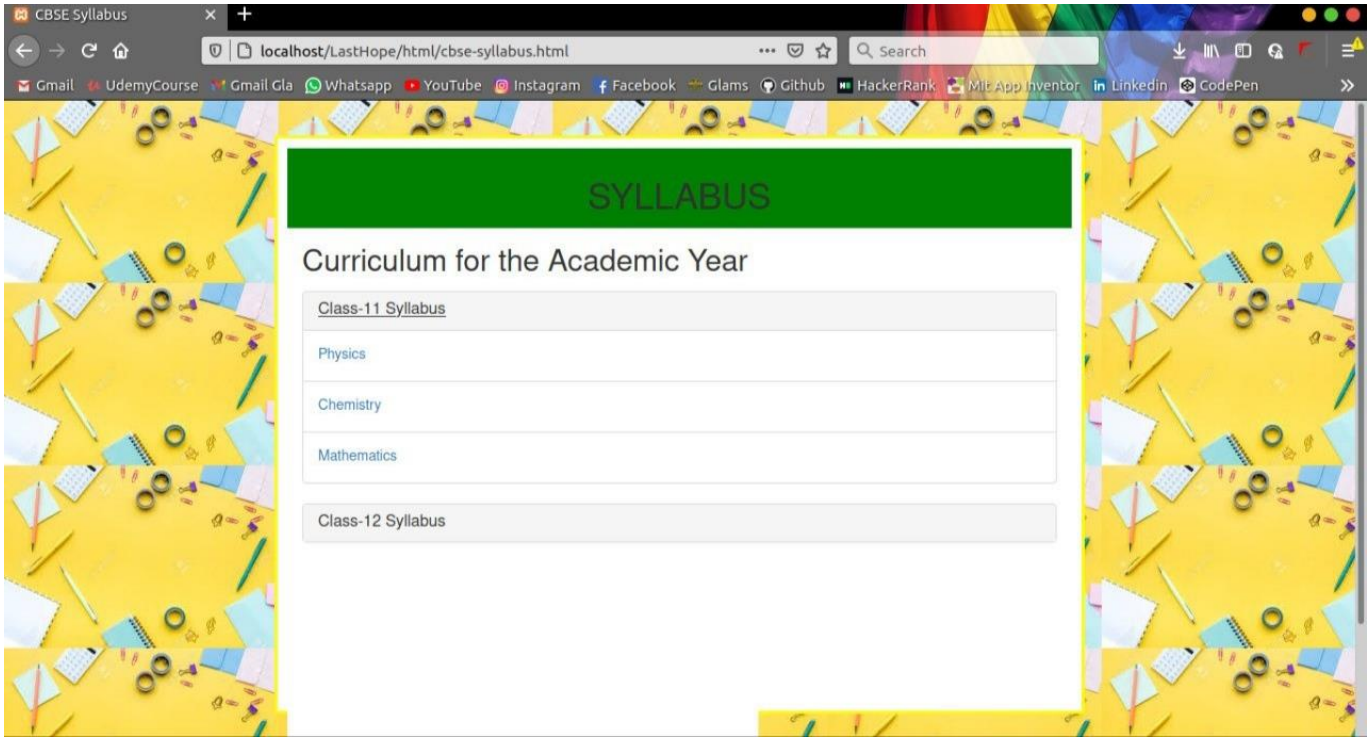
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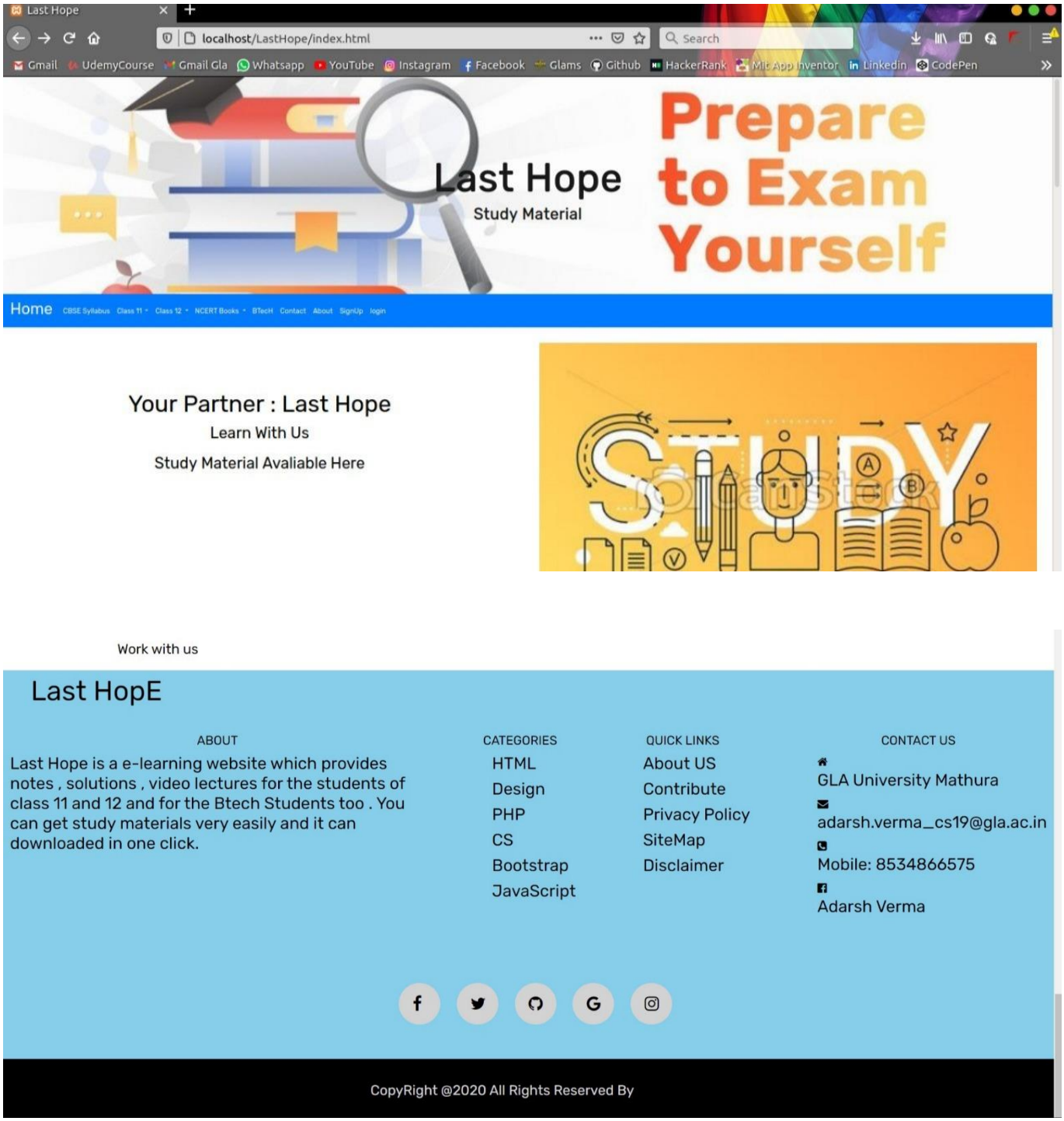
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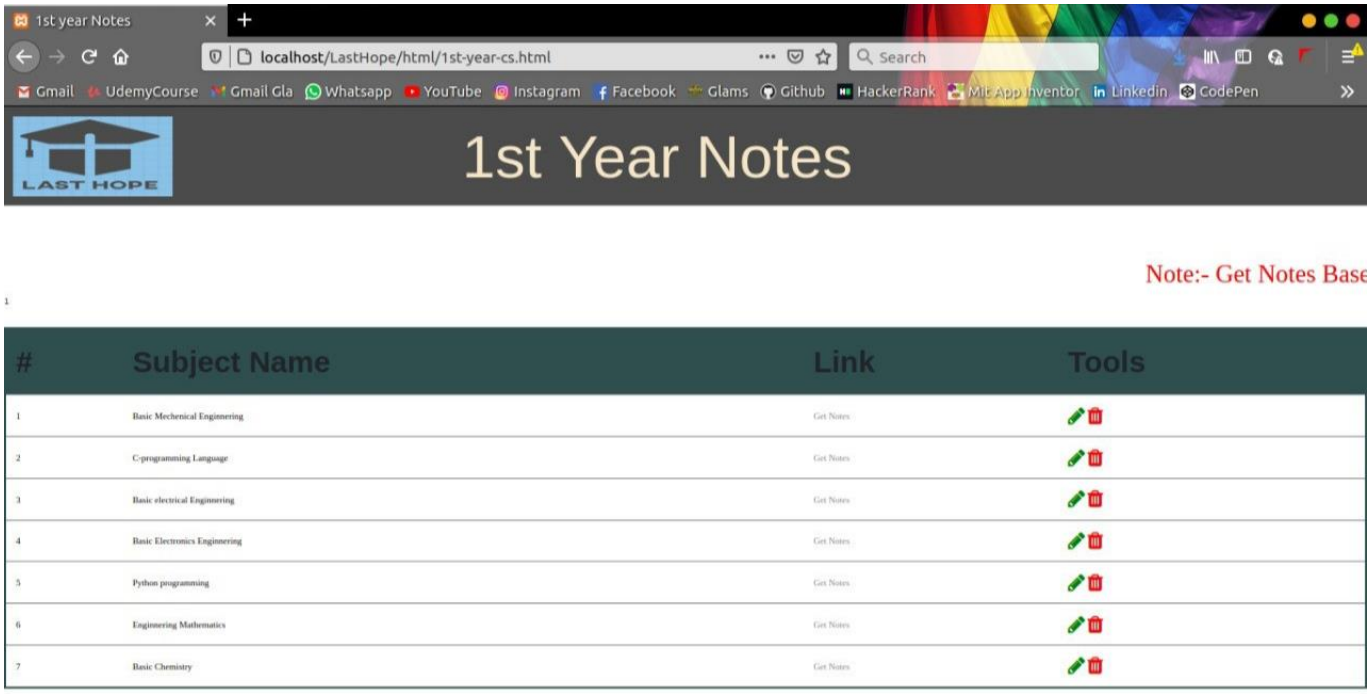
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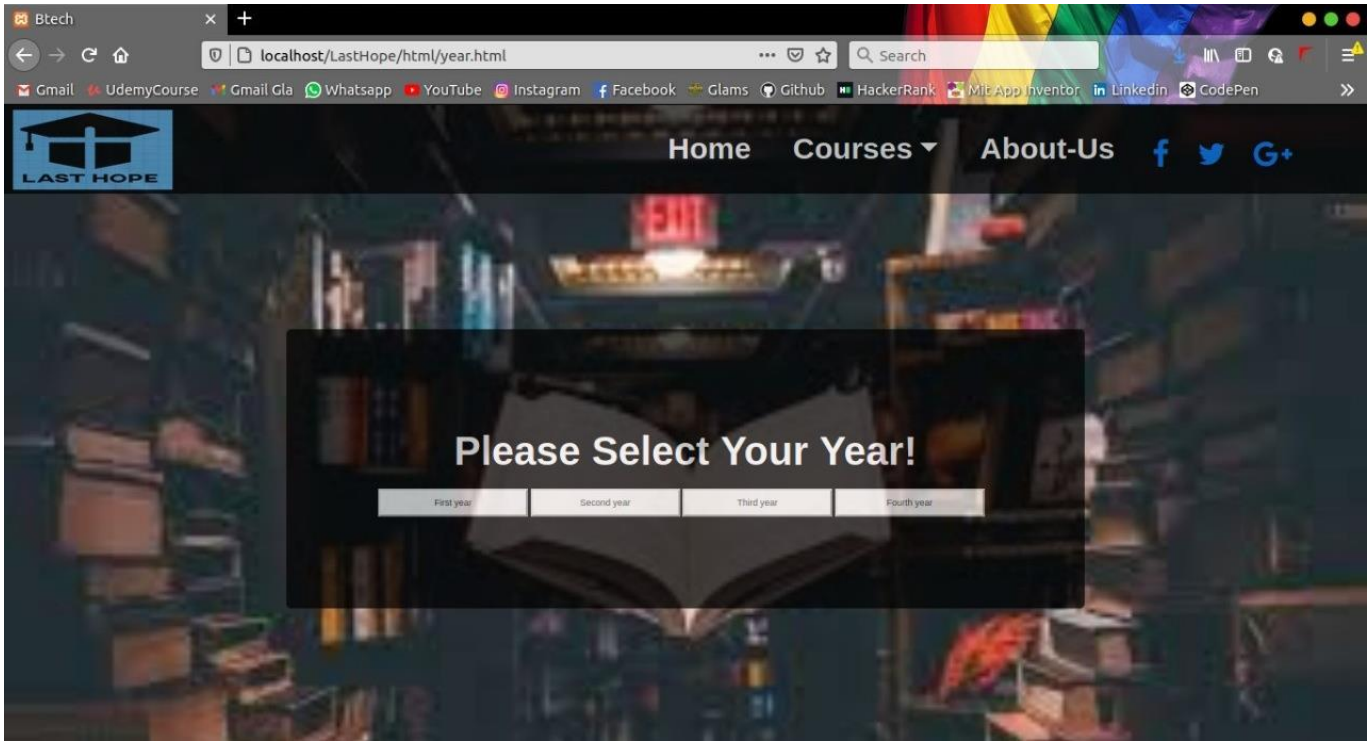
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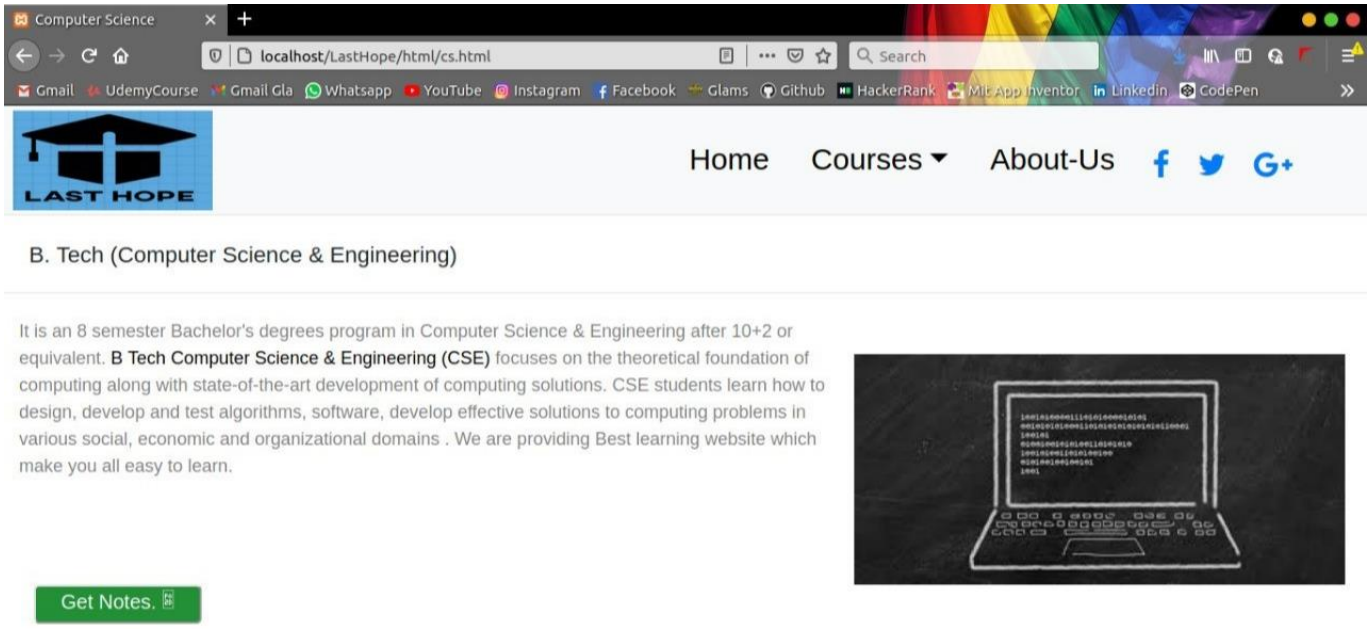
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It is an 8 semester Bachelor's degrees program in Computer Science & Engineering after 10+2 or equivalent. B Tech Computer Science & Engineering (CSE) focuses on the theoretical foundation of computing along with state-of-the-art development of computing solutions. CSE students learn how to design, develop and test algorithms, software, develop effective solutions to computing problems in various social, economic and organizational domains . We are providing Best learning website which make you all easy to learn.
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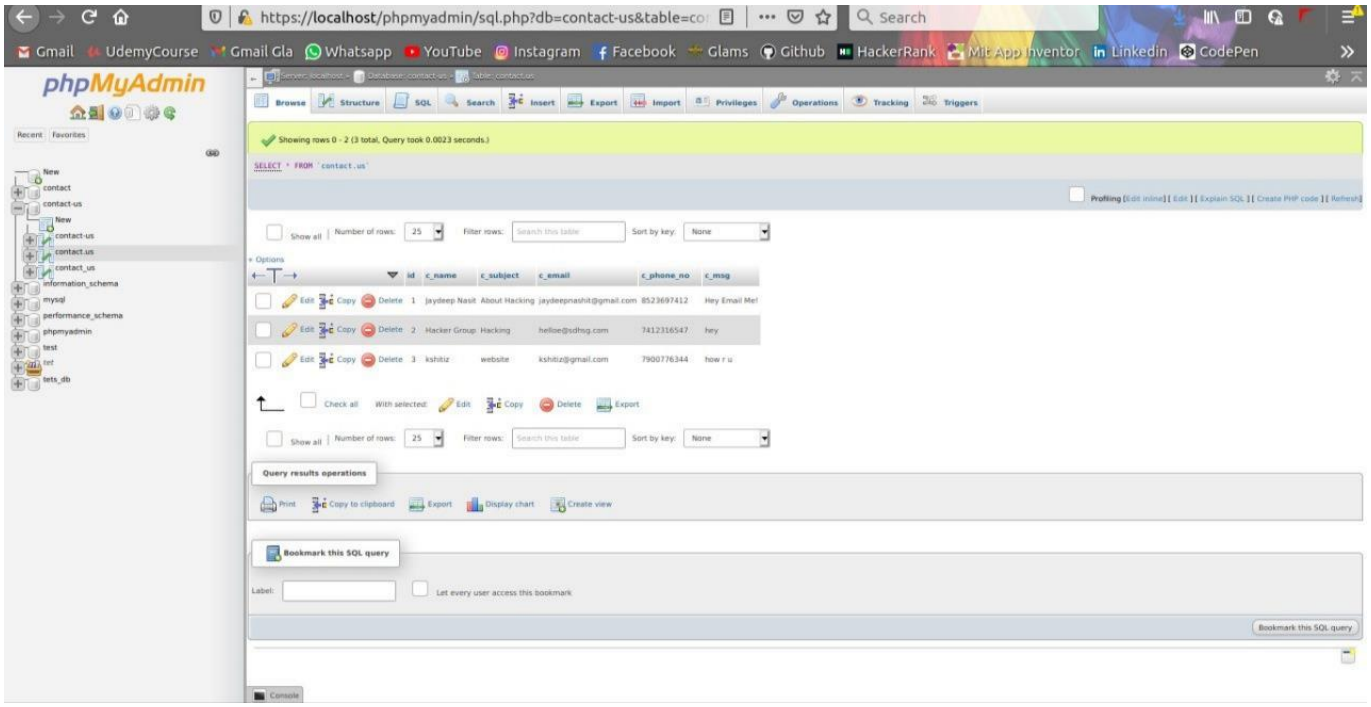
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Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Showing rows 0 - 2 (3 total, Query took 0.0023 seconds.)
SELECT * FROM `contact_us`
Query results operations
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Future Scope:

Last Hope is going to help the student who wants to access notes, sample papers, ncert books, Syllabus and even B.tech notes. Not only it will save time but all the options available under single website will save lots of efforts for them.
This will help them a lot as many times we don't get a source to get to know about this information.

References:

- www.javatpoint.com
- www.w3school.com
- www.tutorialspoint.com
- www.youtube.com
- www.google.com
- **Faculty Guideline:**
  - **Mr. Akash Kumar Choudhary**