NOTES MANAGEMENT SYSTEM

A Project Report of Capstone Project - 1

Submitted by

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1. ABSTRACT

As the world is being created with the modern technologies, finding and controlling modern thoughts and ideas of taking everything online are quickly changing. It is troublesome for teachers to circulate their notes to each and each student whom is he/she educating. Notes management system give a straightforward approach for both students and instructors to circulate the notes whether of any kind like address notes, task questions, address papers and all the vital archives. The instructors and students can transfer the reports from anyplace and anyone can download it. Generally, it is managed by the admin.

Notes management system deals with borrowing and exchanging the notes from senior student to junior student. It is a WEB-based framework particularly planned for students of specific college. This system is being delivered for students curious about borrowing and giving their own notes for the free of cost. It'll permit the student to make an a/c and joins the gathering.

2. INTRODUCTION

Generally, the notes are circulated on WhatsApp or any kind so it gets exceptionally troublesome to manage the important notes at the time of require. This framework will give a simple approach to share the documents for studying purpose. Different users can work simultaneously on the framework. It'll be simple for the instructors to circulate the notes to each and every student. The framework will be utilized by students and instructors in colleges and indeed it can be utilized by schools.

There are numerous students who confront issue in studying at the exam time since either they don't have the notes given by instructors or they must have not been within the college. This Framework will give a stage to easily access the notes. The Objective of Notes management system is to provide better facility to the students and instructors to bring out the easy circulation of documents within healthy environment. It'll decrease the manual paperwork, reduced the sharing and distribution time.

3. Existing System

Mostly the notes are circulated on WhatsApp or any kind so it gets very difficult to manage the important notes at the time of need. There are many students who face problem in studying at the exam time because either they don't have the notes provided by teachers or they must have not been in the college. This System will provide a platform to easily access the notes.

It has always been the tedious process to borrow the notes from the senior. It is very hard to find the right person who can employ with their notes they have passed. Note circulation system is eradication of this problem. It gives the platform where the person is recommended to the user as per their note's requirement.

4. Proposed system

This system will provide an easy approach to share the documents for studying purpose. Multiple users can work simultaneously on the system. It will be easy for the teachers to circulate the notes to each and every student. The system will be used by students and teachers in colleges and even it can be used by schools.

The Objective of Class Notes Gallery is to provide better facility to the students and teachers to bring out the easy circulation of documents within healthy environment. It will reduce the manual paperwork, reduced the sharing and distribution time.

5. Implementation or architecture diagrams:

A. *System Architecture Design:*

1. Base layer

The base layer provides the fundamental software and hardware environment required for the system, including network, server, storage, firewall, UPS, operating system, and so on.

2. Data Layer

The data layer stores all the data resources which are needed within the system, including disaster data, location data, user data and so on.

3. Application Layer

The application layer provides the communication bridge between user operations and background database. The key function modules include load balancing, data analysis, data management, data backup, portal integration, other web services, and so on.

4. Interactive Layer

The interactive layer provides the interface and interactive operations for users and managers. The interactive operations include user management, data management, data query, data export, system management, data analysis, and so on.
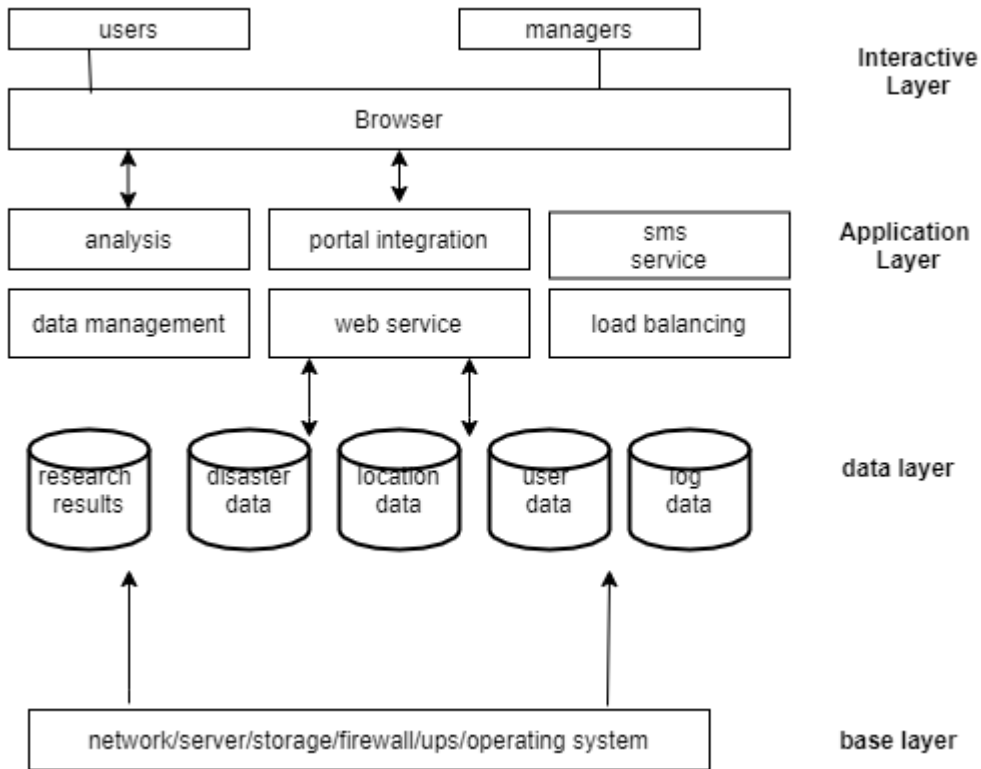
Fig-1 system archictecture desgin

B. Technologies used:

The system has easily accessible interface and contains many important options. In this network-based software, DJANGO and HTML has been used as a front-end software programming language and MYSQL as back end for database.

1. Front End (HTML & DJANGO):

Hypertext Mark-up Language is basic language to develop Webpages. DJANGO is a server side scripting language. Server-side scripting means the output of actual code comes after executing it into web server. DJANGO code executes on web server and provides output as normal web page.

2 Back End (MYSQL):

MySQL is relational database Management System software which is often used with DJANGO. MySQL **is** extremely fast reliable and versatile management System. It provides a really high performance and it's multi-threaded and multi user relational database management system. MySQL provides high security and straight forward.

3 Application Server (WAMP):

Wamp Server is a Windows web development environment. It allows creating web applications with DJANGO and MySQL database**.**
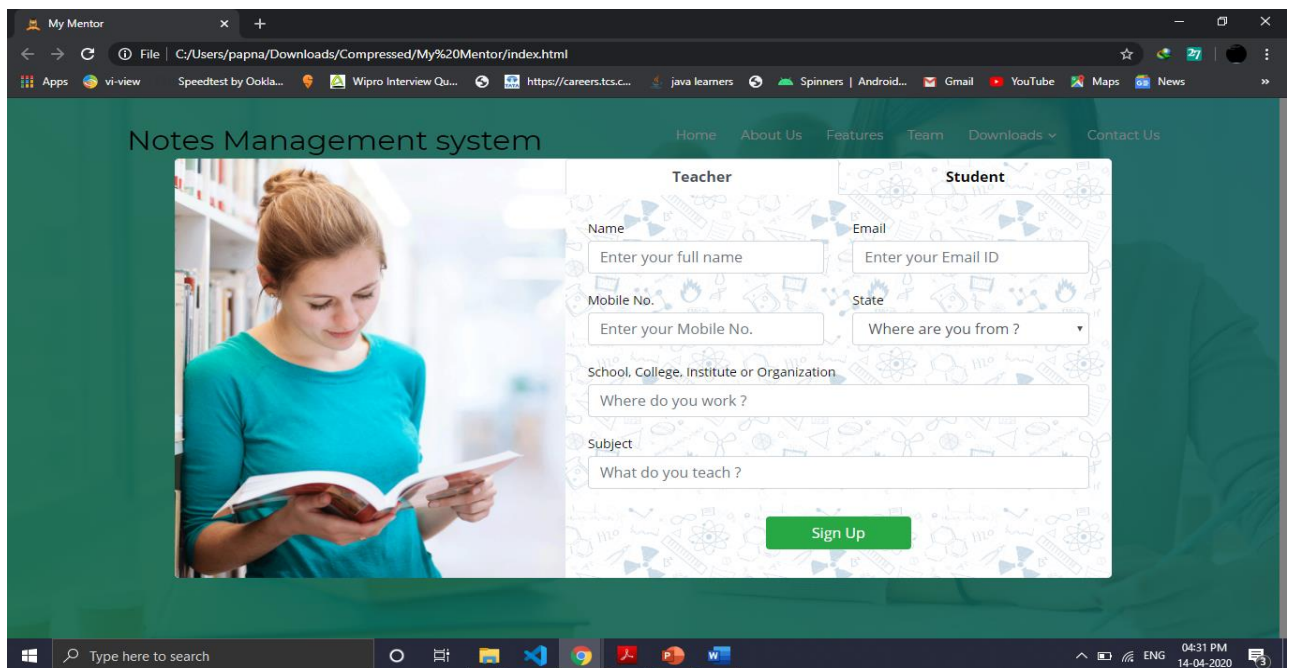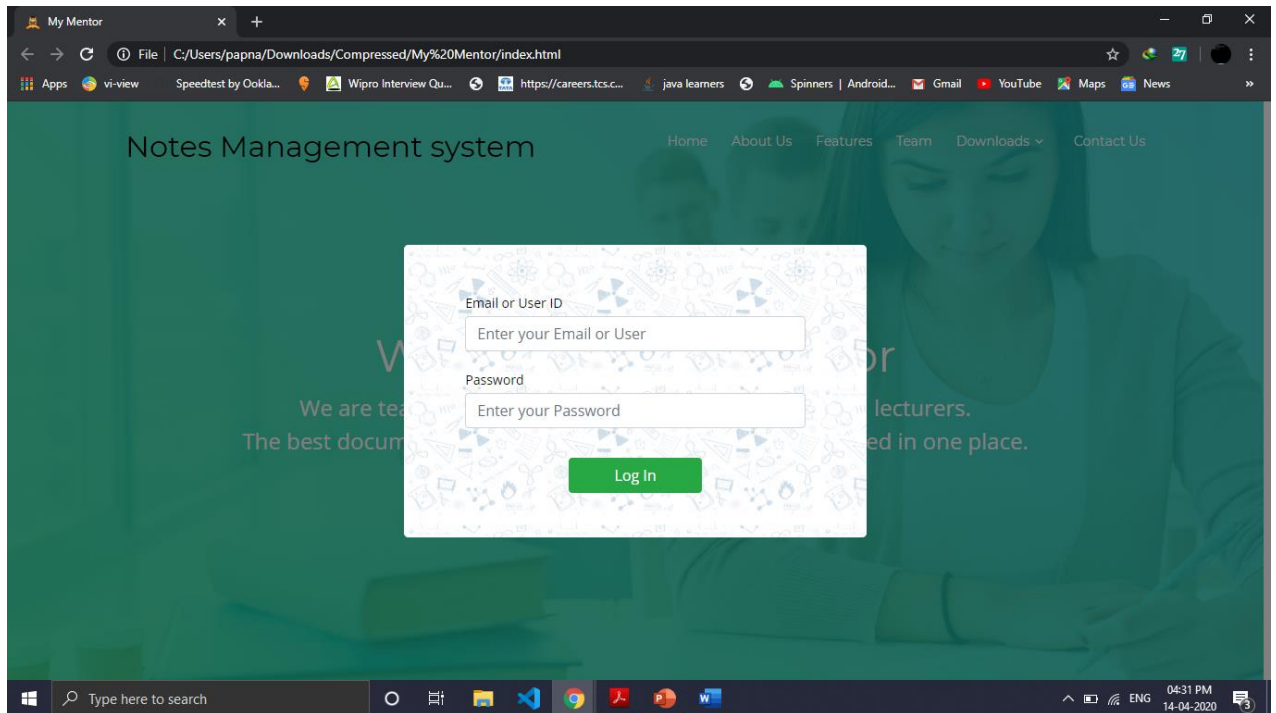
4 IDE:(Integrated Development Environment): An IDE normally consists of a source code editor, compiler, interpreter, debugger/ Tester.

6. Output / Result / Screenshot

Homepage

Login/Signup:

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Because your planning is not always perfect, you need to be able to study whenever, wherever. Just practice your exam one last time on your tablet or phone while you're on the go.

Notes Management System is a web-based notes sharing and management system which help student and teacher to share their notes effectively, it reduces the wasting of time in manually distributing notes to each individual. It overcomes. It greatly overcomes the lack of availability and converts the old manual paperwork to a fully automated and managed online system. My Mentor allows its users to securely

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Code Snippets:

File Edit Selection View Go Run Terminal Help

EXPLORER

index.html .\   index.html C:\...\My Mentor ✕

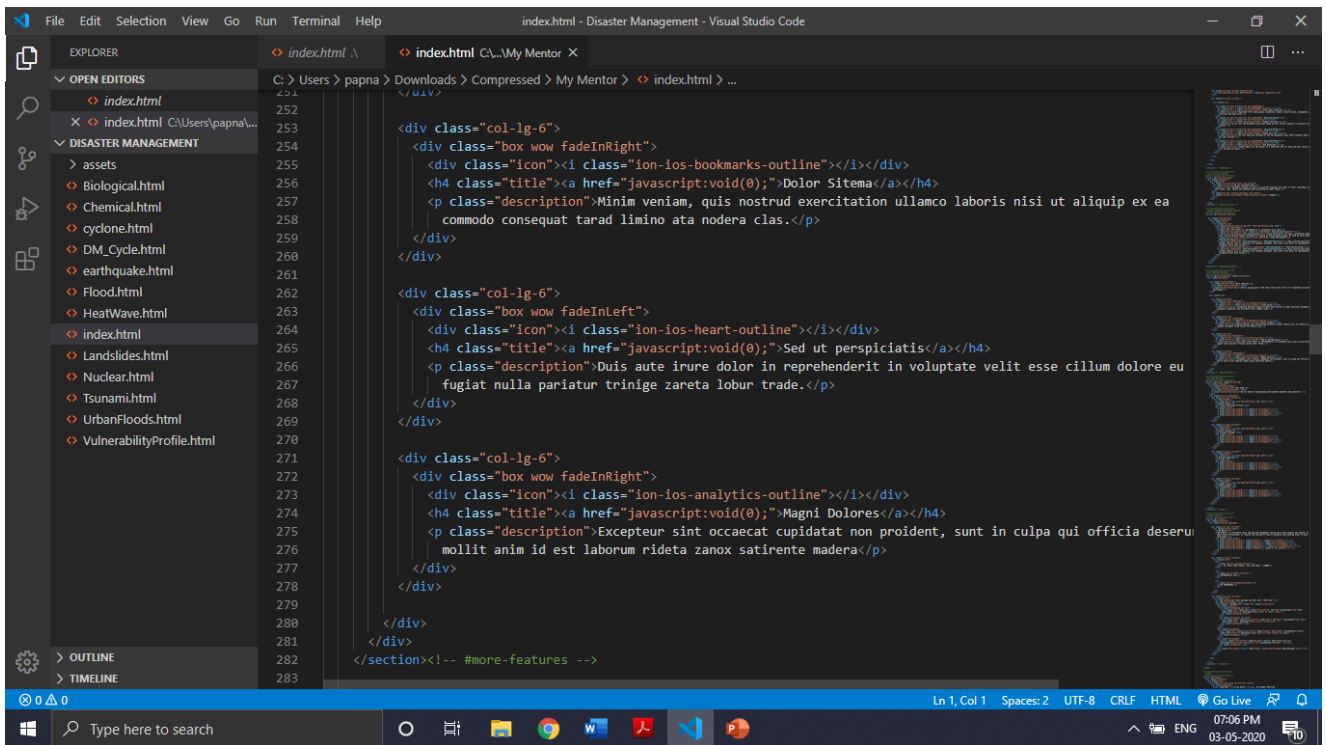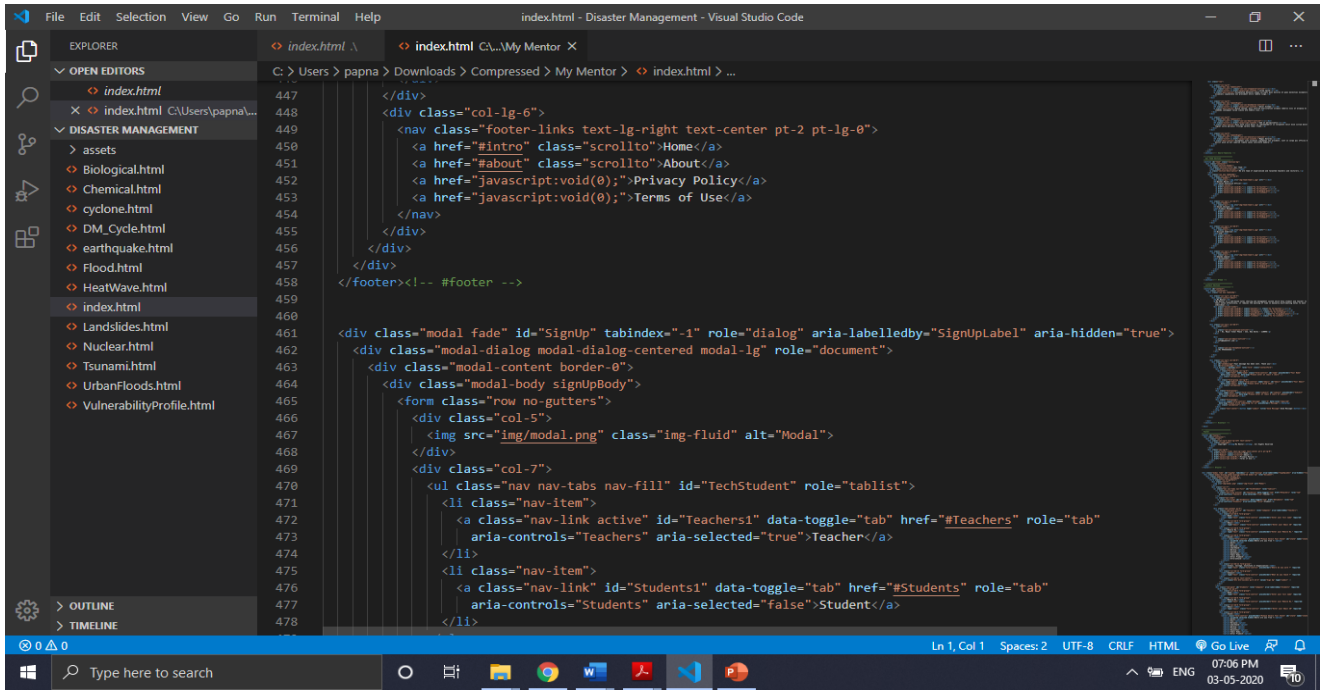C: › Users › papna › Downloads › Compressed › My Mentor › index.html › ...

```
447        </div>
448        <div class="col-lg-6">
449          <nav class="footer-links text-lg-right text-center pt-2 pt-lg-0">
450            <a href="#intro" class="scrollto">Home</a>
451            <a href="#about" class="scrollto">About</a>
452            <a href="javascript:void(0);">Privacy Policy</a>
453            <a href="javascript:void(0);">Terms of Use</a>
454          </nav>
455        </div>
456      </div>
457    </div>
458  </footer><!-- #footer -->
459
460
461  <div class="modal fade" id="SignUp" tabindex="-1" role="dialog" aria-labelledby="SignUpLabel" aria-hidden="true">
462    <div class="modal-dialog modal-dialog-centered modal-lg" role="document">
463      <div class="modal-content border-0">
464        <div class="modal-body signUpBody">
465          <form class="row no-gutters">
466            <div class="col-5">
467              <img src="img/modal.png" class="img-fluid" alt="Modal">
468            </div>
469            <div class="col-7">
470              <ul class="nav nav-tabs nav-fill" id="TechStudent" role="tablist">
471                <li class="nav-item">
472                  <a class="nav-link active" id="Teachers1" data-toggle="tab" href="#Teachers" role="tab"
473                    aria-controls="Teachers" aria-selected="true">Teacher</a>
474                </li>
475                <li class="nav-item">
476                  <a class="nav-link" id="Students1" data-toggle="tab" href="#Students" role="tab"
477                    aria-controls="Students" aria-selected="false">Student</a>
478                </li>
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Ln 1, Col 1   Spaces: 2   UTF-8   CRLF   HTML   Go Live

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252      </div>
253      <div class="col-lg-6">
254        <div class="box wow fadeInRight">
255          <div class="icon"><i class="ion-ios-bookmarks-outline"></i></div>
256          <h4 class="title"><a href="javascript:void(0);">Dolor Sitema</a></h4>
257          <p class="description">Minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
258            commodo consequat tarad limino ata nodera clas.</p>
259        </div>
260      </div>
261
262      <div class="col-lg-6">
263        <div class="box wow fadeInLeft">
264          <div class="icon"><i class="ion-ios-heart-outline"></i></div>
265          <h4 class="title"><a href="javascript:void(0);">Sed ut perspiciatis</a></h4>
266          <p class="description">Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu
267            fugiat nulla pariatur trinige zareta lobur trade.</p>
268        </div>
269      </div>
270
271      <div class="col-lg-6">
272        <div class="box wow fadeInRight">
273          <div class="icon"><i class="ion-ios-analytics-outline"></i></div>
274          <h4 class="title"><a href="javascript:void(0);">Magni Dolores</a></h4>
275          <p class="description">Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deseru
276            mollit anim id est laborum rideta zanox satirente madera</p>
277        </div>
278      </div>
279
280      </div>
281    </div>
282  </section><!-- #more-features -->
283
```

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7. Conclusion/Future Enhancement:

Future Scope:

The project has a exceptionally tremendous scope in future. The project can be implemented on intranet in future. Project can be upgraded in near future as and when necessity for the same arises, because it is exceptionally adaptable in terms of development. With the proposed software of notes management system will be ready to use by any association hence run the complete work in a much superior, precise and mistake freeway. The following are long term scope for the project.

1- Only a specific association individual can use this system.

2- Special ID of students and instructors will be generated by the system.

3- Mailing framework will be done with the message alert system.

Conclusion:

It has been a matter of immense delight, respect and challenge to have this opportunity to take up this venture and complete it effectively. It was a pleasant experience working with the professors. This will be helpful when we are going work in industry & educational field where we can put all these it in our practice. While creating this framework Notes management system, I have learnt a part about the working of system. Amid the development process, I have got it the concept of planning and building a system. Whereas working on my framework I have utilized all the information which was instructed us and all that produces this project complete.

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