Project Proposal for Cse 499(Senior Design Project)

Project-Online Notes sharing Platform

Faculty- DMH

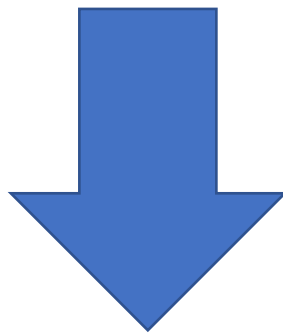Section-13

Members-

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INTRODUCTION

We want to build a web-based notes sharing and management system which helps students and teachers to share their notes online effectively. We want to name it Online Notes Gallery. It reduces the wasting of time in manually distributing notes to each individual. It greatly overcomes the lack of availability and converts the manual old school paperwork to a fully automated and managed online system. Online Notes Gallery allows its users to securely register and log in to their individual accounts and create, read, update, delete notes according to their needs. It provides notes to everyone in a very secure manner. Multiple users can work in this system at the same time under centralized supervision by administrator. It is a very useful notes management system for Colleges, Schools and other Institutes to manage and share their notes in a secure, efficient and effective manner.

OBJECTIVE

The objectives of the system are-

- To reduce manual paperwork.
- Reduced sharing and distribution time.
- Increased reliability.
- Increased operational efficiency.
- Data security.

This Online Notes Gallery can be readily used by non-programming personal avoiding human handled chance of error.

This project is used by Three types of users:

- Students.
- Teachers.
- Administrators.

Students and Teachers can create their accounts and start viewing notes shared by other users as well as upload their own notes. Administrator is must be an authorized user who will keep track of all the uploaded notes and manage users as well through the admin panel. New features can be added to the system as per requirements.
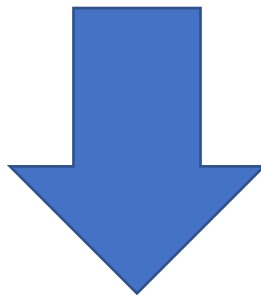
MODIFICATION AND IMPROVEMENT OVER THE
EXISTING IMPLEMENTATION

Present State:

- No Software present at all.
- Time consumed in distributing notes to everyone individually.
- Manual Paperwork.
- Students are informed by sending mail to them manually about the notes.
- Lack of accessibility.

After implementation of project:

- Easy to use web-based system.
- Users can register online.
- Notes are accessible from anywhere.
- Centralized control by administrator.
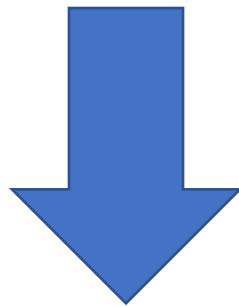- Managed notes in a secure manner.

SCOPE

This project has a large scope as it has the following features which help in making it easy to use, understand and modify it:

- ¬ Ease of sharing notes
- ¬ No Need to do Paper Work.
- ¬ To save the environment by using paper free work.
- ¬ To increase the efficiency of the notes.
- ¬ Management of all notes.
- ¬ Easy and secure user log in and registration.
- ¬ Easy password recovery through email.
- ¬ Department based notes management.

Main Points are: -

- Simplified Management of all notes.
- Upload of notes.
- Approve and disapprove notes features.
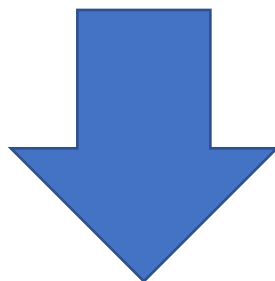- Admin Panel.
- User profile management.

TOOLS AND TECHNOLOGY

Tools:

- **XAMPP:** XAMPP is an abbreviation for cross-platform, Apache, MySQL, PHP and Perl, and it allows you to build WordPress site offline, on a local web server on your computer. This simple and lightweight solution works on Windows, Linux, and Mac – hence the "cross-platform" part.
- **ATOM**: Atom is an open-source text editor for multiple platforms, which supports packages developed in Node.js and has support for Git version control. Most of the packages are freely available and built by open-source communities.

Technology:

- **PHP**: - PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.
- **SQL**: - SQL is a structured query language used for querying database.
- **HTML**: - It is used for giving eye catching look to the website. And also providing easy to use GUI.
- **CSS**: - CSS is cascading style sheet which is used to give designer look to HTML using the external file.
- **Java script**: - Java script is used for client-side scripting which can help in using validation on the website and many more other functions.

TIME FRAME REQUIRED FOR VARIOUS STAGES OF PROJECT IMPLEMENTATION

Serial Number	Phases	
1	Software Requirement Specification	1 week
2	System Design	2 weeks
3	Coding	3 weeks
4	Implementation	1.5 weeks
5	Testing	1 week

Thank you