

Rayat Shikshan Sanstha's  
C.D. Jain College Of Commerce, Shrirampur.



A Project Report On  
**“Ethicaldood 2.0 - A Step Towards Coding”**

Submitted to



**University of Pune**  
**In Partial Fulfilment Of The Requirement Of**  
**BBA(CA)-III**

(Bachelor of Business Administration and Department of Computer  
Application)

Submitted By

**Mr. Telore Ganesh Bhaskar**

Under a Guidance of

Mr. Lande R.D

During The Academic Year **2023-2024**

**RAYAT SHIKSHAN SANTHA'S**  
**C.D. JAIN COLLEGE OF COMMERCE, SHRIRAMPUR**



**CERTIFICATE**  
**(Department of BBACA)**

This is certify that Project entitled “**Ethicaldood 2.0 - A Step Towards Coding**” Submitted by **Mr. Telore Ganesh Bhaskar** student of **BBA(CA)-III** (Bachelor Of Business Administration and Computer Application) had satisfactorily completed the project during the academic year **2023-24**.

Date:        /        /2023

**Project Guide**

Mr. Lande R.D

**Head of Department**

Mr. Chandratre Y.V

**Internal Examiner**

**External Examiner**

## **Acknowledgement**

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

First and foremost, we want to thanks Prof. Yogiraj Chandratre sir HOD (BBACA) in C. D. Jain College, Shrirampur for giving us an opportunity to work on this project.

We are highly indebted to Prof. Rohidas Lande(Project Guide) for his guidance and constant supervision as well as for providing necessary information regarding the project & also for his support in the project.

We would like to express our gratitude towards our parents & members of Information technology department for their kind co-operation and encouragement which help us in completion of this project.

Our thanks and appreciations also go to our colleague in developing the project and people who have willingly helped us with their abilities.

**Place:** Shrirampur

**Signature**

**Date:**     /     /2023

**Mr. Telore Ganesh Bhaskar**

## DECLARATION

I **Mr. Telore Ganesh Bhaskar** student of **BBA(CA)-II**, C.D Jain college Of Commerce, Shrirampur declare that the project entitled “**Ethicaldood 2.0 - A Step Towards Coding**” Have been completed successfully & this project is submitted towards the partial fulfillment of the requirement of the degree of **BBA(CA)**. This project is not submitted for any other degree, Diploma or other similar title or prize in any other university.

Place: Shrirampur

Signature

Date:     /     /2023

Name of the Student

Telore Ganesh Bhaskar

## Chandraroop Dakle Jain College of Commerce Shrirampur



### CERTIFICATE

This is certify that **Mr. Telore Ganesh Bhaskar BBBA(CA)-III** student have carried out necessary project report work on “**Ethicaldood 2.0 - A Step Towards Coding**” they have completed this project as per the requirements given to them , I agreed for the software prepared by them. During academic year **2023-24**.

**Date:**     /     /2023

**Guide :** Prof. Rohidas Lande

**Place:** Shrirampur

**Sign & Stamp**

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## **Introduction**

Welcome to our source code providing website project! Our project is dedicated to providing high-quality source code for a variety of programming languages and platforms. Our platform offers a vast collection of open source code from various programming languages.

Whether you are student or a professional developer, our platform is designed to be your go to resource for all the things code-related. I have gathered a vast collection of high-quality, open-source and easy to understand coding methods via which you can easily build your projects and knowledge related to Programming.

At our website, you will find a wide range of source code examples, from simple codes to complex projects, covering topics of programming languages just like HTML, PHP, Java, Python and many more. Our code is open source, meaning you can use it, modify it, and redistribute it as you wish, according to the terms of the applicable open source license. Here you'll find a wealth of inspiration and practical solutions to fuel your coding adventures.

We hope that our website will be a valuable resource for you as you explore the world of programming. If you have any questions or feedback, please don't hesitate to contact us. So join our vibrant community, explore, collaborate, and let your coding creativity soar..!

## **Abstract**

Our PHP-based source code providing website project is a dynamic platform that allows user to access and contribute to vast collection of open-source code. With a user-friendly interface. Ethicaldood 2.0 enables user to download, browse code snippets for a various programming languages. We aim to be a valuable resource for users as they explore the world of programming and software development. Ethicaldood 2.0 will be optimized and can be accessible all over world soon.

This Project will be helpful for all the interested one's who are confuse about which method should be use while coding in particular language.

Our simple codes will help those one's out and make their concepts clear and save their time and money.

That's why Ethicaldood 2.0 is a friendly and responsive website and can be easily handled. It is fast and light and can be run on any low end device. It enables users to interact with admin as well as users to as Ethicaldood 2.0 provides a chat forum. That's all and Happy Coding..!

**Thank You..!**



## **Motivation**

1. Firstly, By providing a platform where users can access and contribute to open-source code, we aim to facilitate knowledge sharing, skill development, and innovation.
2. Secondly, such a platform serves as a centralized hub for users as well as students to find reliable and reusable code snippets and projects, saving them time and efforts in their own coding endeavors.
3. Thirdly, many of the institutes teaches programming languages by exchanging knowledge with money. And not every student can afford the institute fees. Our aim to help those students whose financial stability is weaker by providing them knowledge of coding.
4. To encourage collaborations and learning from peers, allowing students to gain insights, improve their coding skills, and contribute back to the IT community which will make our nation pioneer in IT field. Personally my professor had motivated me to create such type of project as he already crafted his own.
5. Ultimately, the goal of Ethicaldood 2.0 is to empower students and promote the growth of the coding community as a whole.

## **Problem Statements**

1. How to insert pdf files in mysql database is an big challenge for me.
2. To retrieve pdf files from database on clicking the button.
3. To create a chat forum for users through which they can communicate and also share their knowledge with everyone.
4. Also have to take care while uploading new contents for the users on website that are accessible for every user. (just like a pdf file).
5. Validating the files type which are being uploaded to the website.
6. Crafting a user-friendly and attractive website design is also a difficult task.
7. Creating admin login credentials more secured by encrypting his credentials in database.
8. How to make notes uncopiable and uneditable is the big problem.
9. Embedding online complier in website is a little bit harder problem.
10. Sending mails to the users when they newly signs up with their user id is a difficult task.

## **Objectives and Goals**

1. Facilitate knowledge sharing using Chat forum.
2. To provide a centralized platform for students/users to access a wide range of source code.
3. Enables users to find code snippets and examples for specific programming tasks.
4. To help students in study by providing solved code snippets of various programming languages.
5. Foster a community where users can ask questions and seek help from experienced one's.
6. Provide a platform for users to showcase their own code and projects.
7. Offer a curated collection of high-quality well-documented code for educational purpose.
8. Offers code review and feedback to help admin improve their coding skills.
9. Offer integration with popular development tools and Compilers for seamless workflow.
10. Offers a user-friendly interface with easy navigating menus.
11. Continuously update and expand the code repository to keep with the latest trends and technologies in the development community.

## **Project scope**

1. Designing and developing a user-friendly website interface for easy navigation and browsing.
2. Building a code submission and review system to allow users to contribute their own code and receive feedback.
3. Implementing a feedback and forum system to allow users to provide feedback on code snippets.
4. Developing a alert system about updates, new code submission, and relevant discussion.
5. Creating a tagging and categorization system to organize code snippets based on programming languages and functionality.
6. Implementing social feature to allow user to connect, follow, and interact with admin(programmer).
7. Ensuring website is mobile-responsive and accessible across different devices and screen sizes.
8. Regularly updating and expanding the code repository to include a diverse range of programming languages.
9. New updates which get introduced in future will get available for the user on the Arrivals section on Ethicaldood.
10. Creating a forum will improve the users interactions and provide them a platform for discussion on coding related queries.

## **Limitations**

1. There is no search functionality present in Ethicaldood.
2. It doesn't have its own compiler(we are trying to develop offline compiler, and will be available in next version).
3. Ethicaldood is not available for every user as its server is xampp only one user can access it at a time(in future after hosting it will be available for the whole world).
4. Ethicaldood cannot solve all your problems as only 1 admin is present.(queries will be solved but it takes some time).

### **Exisitng System:**

Existing System is Ethicaldood 1.0 which is has some limitations. Ethicaldood 1.0 is a first version of Ethicaldood and that's why it has some security as well as functional issues. In Ethicaldood 2.0 we've overcome all its earlier versions problems with newly added features. Some of the limitations and scopes/features are mentioned as following:

### **Scope:**

1. A user-friendly website interface for browsing source codes.
2. Admin authentication system for managing contents on website.
3. Review system for user-feedback on code snippets.
4. Tagging and categorization system for organizing code snippets.
5. Social features for connecting and interacting with the admin.
6. Regular updates and expansion of the code repository.

### **Limitations:**

1. Limited programming languages code snippets were available. (like PHP, HTML etc.)
2. No Discussion forum were available for exchanging thoughts and answering the users raised questions.
3. Ethicaldood 1.0 is not responsive for mobile devices.
4. No platform for users to showcase their skills and sharing their knowledge by uploading their codes on a website for the other users.
5. For practicing purpose and testing user's knowledge question papers are not there to test user's problem solving ability.
6. There were no short descriptions of languages used for, in case a fresher want to join this field we cannot help him/her.
7. To check aspirant's knowledge no feature like questioning to user and show their result as per their solving ability was built.

## **Perspective of Ethicaldood**

1. Student Perspective: from a Student point of view Ethicaldood is a valuable platform as Ethicaldood provides good quality source codes and open source codes. And also provides dedicated platform for users to show their knowledge to others.
2. Community Perspective: Ethicaldood promote collaboration and innovation in the technology industry by providing a platform to share their knowledge. It can also help promote best practices in coding by taking practicing quiz.
3. Teachers Perspective: although teachers can also take help from Ethicaldood 2.0 by gaining simple coding methods in various languages. Which can help them to reduce their valuable time and efforts.
4. Open-Source Perspective: as Ethicaldood is open-source website it emphasizes the importance of open-source website and encourages contributions and community involvement.
5. Educational Perspective: Ethicaldood is mainly developed for Educational purpose and it provides educational resources.
6. Accessibility Perspective: Ethicaldood focuses on making website accessible to users. Ensuring that everyone can get benefit from the source codes.
7. Security Perspective: Ethicaldood protect unauthorized access ensuring the safety of users.

## **Features**

1. Code examples: A database of high-quality and well-documented code examples for various programming languages and platforms.
2. Categories and tags: A system of categories and tags that helps users browse through different programming languages, platforms, and topics.
3. Feedback and reviews: Feedback that allow users to ask questions, share their experiences that they want to share with other visitors.
4. User contributed code sharing, allowing users to upload and share their own code.
5. A dedicated platform for testing user's knowledge by taking MCQ test.
6. User platform to showcase their contributions and expertise.
7. A discussion forum for user interaction.
8. Support for multiple programming languages.
9. A Dedicated online complier and interpreter which is able to compile and interpret any programming language.
10. Newly added question papers for more practicing.
11. Newly added users sections where user's uploaded codes will be shown with their profile.



## **Stakeholders**

1. Students: Mainly Ethicaldood is developed for students. They rely on the platform to find, share, and collaborate on source code. Their feedback and satisfaction are crucial for the success of the Ethicaldood project.
2. Companies/Organizations: Their needs, such as code quality and efficiency get fulfilled by Ethicaldood.
3. Users: Users who actively contribute their own source code to the Ethicaldood. Ethicaldood encourages and supports such contributors for the growth and vitality of the Ethicaldood.
4. System Administrators: Ethicaldood Admin has good knowledge and experience about the programming languages and web development also which enables Ethicaldood's smooth experience for users.
5. Teachers: Others like teachers also don't have enough time to code for a particular problem that's why Ethicaldood will be good assistant for them via helping them to find easy codes for their students.
6. Academics: Ethicaldood is a valuable resource for research and academic purposes also. It helps students/aspirants by providing them knowledge about various programming languages.

## **Functional requirements**

1. Dedicated code storing database for user and admin: Ethicaldood has vast amount of database of high-quality and well-documented code examples for various programming languages.
2. Navigation Menus: Ethicaldood provides categories that helps users browse through different programming languages.
3. Platform for Feedback: The website have forums that allow users to ask questions, share their experiences.
4. Platform for discussion: Ethicaldood provides a dedicated chat forum for users so they can exchange their thoughts and can communicate to admin too.
5. Visual optimization: Ethicaldood has optimized for mobile devices to ensure that it is accessible and easy to use on different devices and platforms.
6. User-contributed code sharing: Ethicaldood allows users to upload and share their code over Ethicaldood.
7. User registration and authentication system for accessing and contributing code.
8. Download option helps users to easily store the coded files on their device which make them easier to access anywhere even if they're offline.
9. Ethicaldood also provides online compiler to ensure coding practicing for various languages.

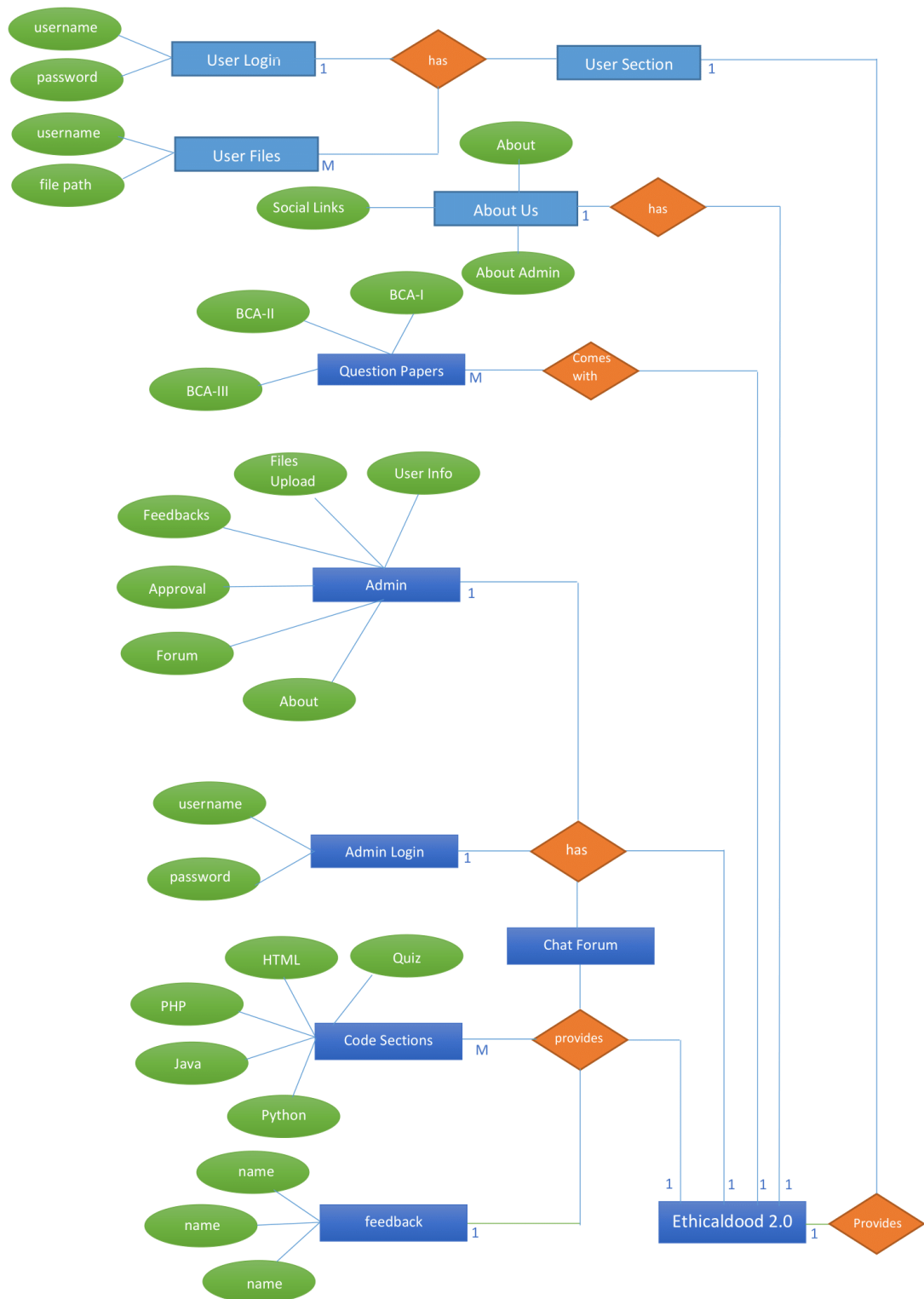
## **Performance Requirements**

1. Responsiveness: As Ethicaldood is responsive it can work on all devices.
2. Ethicaldood load quickly and respond promptly to user interactions. Users expect a smooth and seamless browsing experience without significant delays.
3. Efficiency: The source codes are optimized for efficient execution.
4. Efficient code tags to browse and retrieval to produce quick results.
5. Browser compatibility: Ethicaldood is compatible with a range of web browsers and devices, ensuring consistent performance across different platforms.
6. Database optimization: project is based on database like MYSQL and hence database is created in such a way that only required memory is given to the fields. This optimize the database schema, queries, and indexing to ensure efficient data retrieval and manipulation. Ethicaldood limits the overlimit file size uploadation using php so that too much length files will not be stored in the database and retrieve easily.
7. Dedicated databases for chat forum, user files, admin files and all source codes.
8. MYSQL contains path of the files and that's why the file retrieval time is also reduced.
9. Attractive design: Ethicaldood is well developed and attractive website project and that's why it attracts users and feels them refreshing even after a lot of time spending on Ethicaldood.

## **Security Requirements**

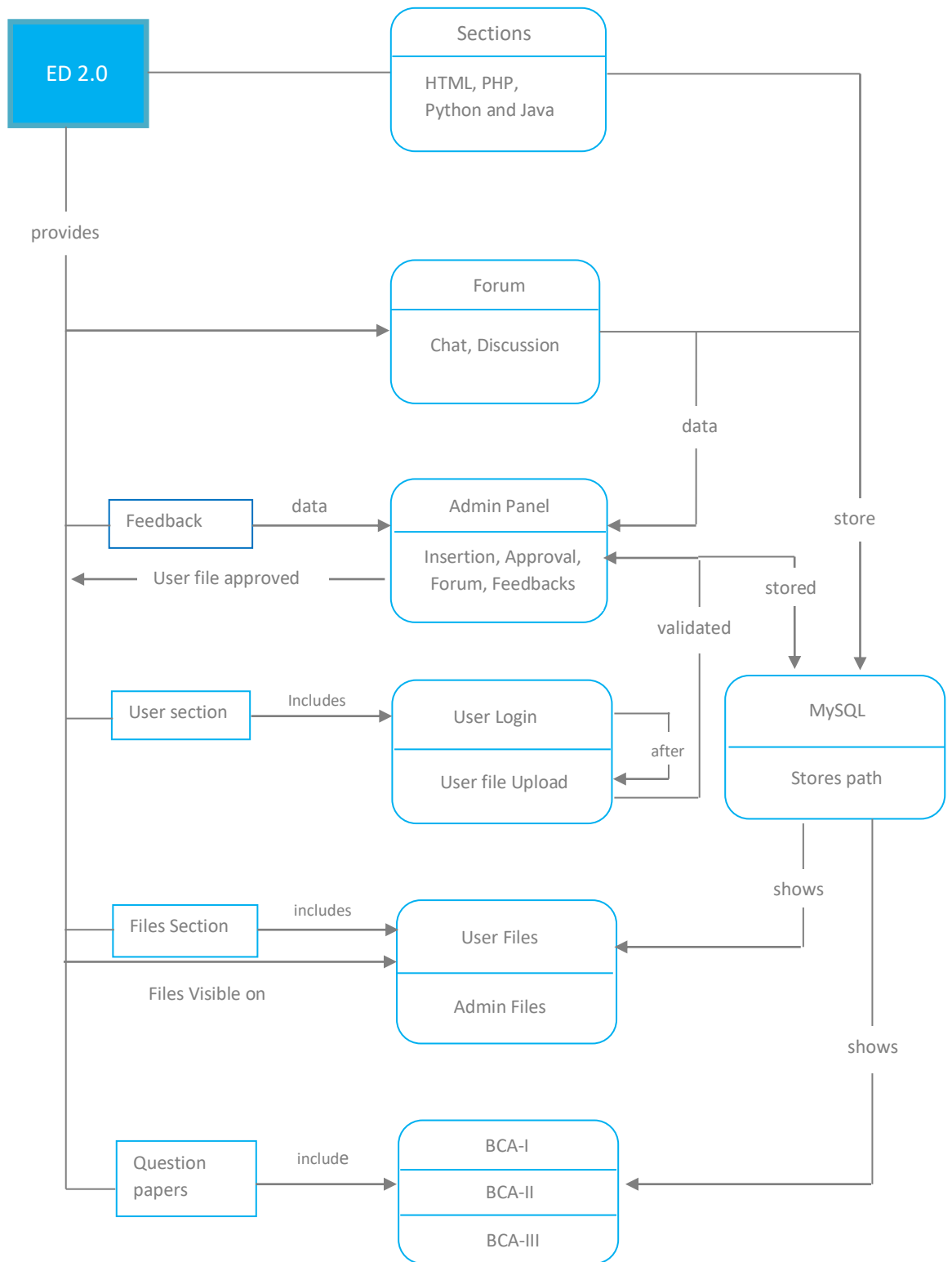
1. Admin Authentication and Authorization: project has secure admin authentication mechanism to verify the identity of admin. It has strong password policies, enforce username and password encryption. Username and password is stored in encrypted format to prevent modification in Ethicaldood.
2. Source Code Protection: Source codes are in pdf format and hence other peoples can be easily copy that codes. For security of codes we have uploaded disables copy contents so no one will not be able to copy the codes.
3. Secure user authentication and authorization to protect user accounts and prevent unauthorized access.
4. Secure Coding Practices: for compiling codes we have used an online multilingual compiler which has the feature to store the code files into its own database so no one outside can see your files and would not be able to access it without log in.
5. Secure file upload for user as well as admin too.
6. Encryption of sensitive data, such as username and passwords to protect it from being intercepted or accessed by unauthorized individuals.
7. No form field will not get processed as blank as applied attributes are required.

## Entity-Relationship Diagram[Ethicaldood]

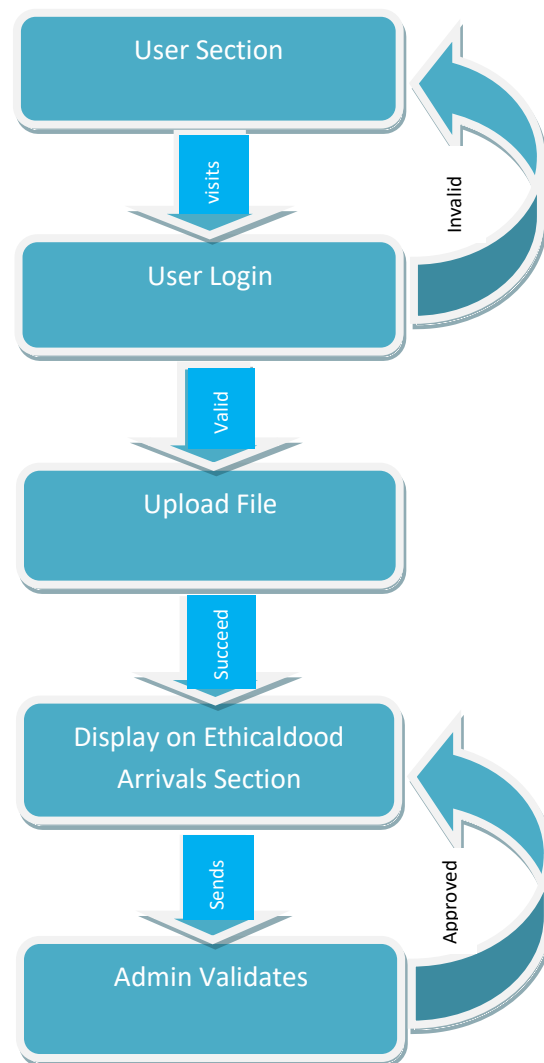


## Ethicaldood DFD

### Context Level :



## First Level DFD:



## **Data Model**

I have used the following tables for the purpose of storing and retrieving data from mysql.

1. Table Name: feedback\_info

Description: Table is used for storing of feedbacks/reviews of people/visitor.

Field Name	Type	Width/Length	Constraints
Name	varchar	50	primary key
contact_no	varchar	10	not null
feedback_col	varchar	200	not null

2. Table Name: files\_upload

Description: Table is used for storing of newly uploaded content for visitors.

Field Name	Type	Width/Length	Constraints
name	varchar	50	primary key
path	varchar	50	not null



3. Database Name: gt

Description: It includes multiple table for storing the pdf files into it.(the php contents)

Table Name	No of columns	Type	Width/Length	Constraints
chapter_1	2	varchar	50-50	primary key
chapter_2	2	varchar	50-50	primary key
chapter_3	2	varchar	50-50	primary key
chapter_4	2	varchar	50-50	primary key
chapter_5	2	varchar	50-50	primary key
chapter_6	2	varchar	50-50	primary key
chapter_7	2	varchar	50-50	primary key

4. Database Name: gt2

Description: It includes multiple table for storing the pdf files into it.(the html contents)

Table Name	No of columns	Type	Width/Length	Constraints
concept_1	2	varchar	50-50	primary key
concept_2	2	varchar	50-50	primary key
concept_3	2	varchar	50-50	primary key
concept_4	2	varchar	50-50	primary key
concept_5	2	varchar	50-50	primary key
concept_6	2	varchar	50-50	primary key
concept_7	2	varchar	50-50	primary key

5. Database Name: gt4

Description: It includes multiple table for storing the pdf files into it.(the advance php contents)

Table Name	No of columns	Type	Width/Length	Constraints
chapter1	2	varchar	50-50	primary key
chapter2	2	varchar	50-50	primary key
chapter3	2	varchar	50-50	primary key
chapter4	2	varchar	50-50	primary key
chapter5	2	varchar	50-50	primary key
chapter6	2	varchar	50-50	primary key
chapter7	2	varchar	50-50	primary key

6. Database Name: python

Description: It includes multiple table for storing the pdf files into it.(the python contents)

Table Name	No of columns	Type	Width/Length	Constraints
chapter1	2	varchar	50-50	primary key
chapter2	2	varchar	50-50	primary key
chapter3	2	varchar	50-50	primary key
chapter4	2	varchar	50-50	primary key
chapter5	2	varchar	50-50	primary key
chapter6	2	varchar	50-50	primary key
chapter7	2	varchar	50-50	primary key
chapter8	2	varchar	50-50	primary key

7. Database Name: java

Description: It includes multiple table for storing the pdf files into it.(the core java contents)

Table Name	No of columns	Type	Width/Length	Constraints
chapter1	2	varchar	50-50	primary key
chapter2	2	varchar	50-50	primary key
chapter3	2	varchar	50-50	primary key
chapter4	2	varchar	50-50	primary key
chapter5	2	varchar	50-50	primary key

8. Database Name: gt2

Description: It includes multiple table for storing the pdf files into it.(the html contents)

Table Name	No of columns	Type	Width/Length	Constraints
concept_1	2	varchar	50-50	primary key
concept _2	2	varchar	50-50	primary key
concept _3	2	varchar	50-50	primary key
concept _4	2	varchar	50-50	primary key
concept _5	2	varchar	50-50	primary key
concept _6	2	varchar	50-50	primary key
concept _7	2	varchar	50-50	primary key

9. Database Name: otp

Description: It includes 2 tables for storing the login credentials of admin as well as for validation of forgotten password.(Admin Login)

Table Name	No of columns	Type	Width/Length	Constraints
admin_login	2	varchar	50-50	primary key
otp_validation	2	varchar	50-50	not null

10.Database Name: forum

Description: It includes 2 tables for forum messages storing purpose.

Table Name	No of columns	Type	Width/Length	Constraints
admin_forum	5	varchar	50	primary key
user_forum	5	varchar	50	primary key

11. Database Name: question\_paper

Description: It includes 2 tables for question papers storing purpose.

Table Name	No of columns	Type	Width/Length	Constraints
bca1	2	varchar	50-400	not null
bca2	2	varchar	50-400	not null
bca3	2	varchar	50-400	not null

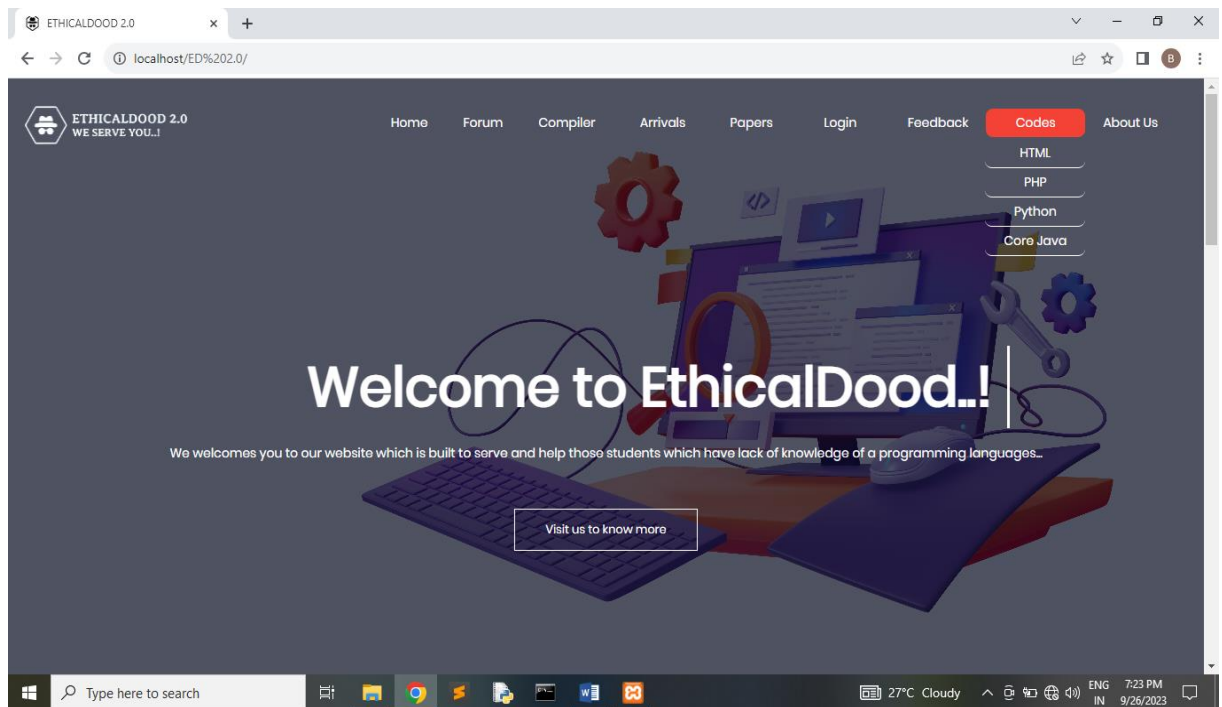
## 12.Database Name: users

Description: It includes 2 tables for user login credentials and user's uploaded files.

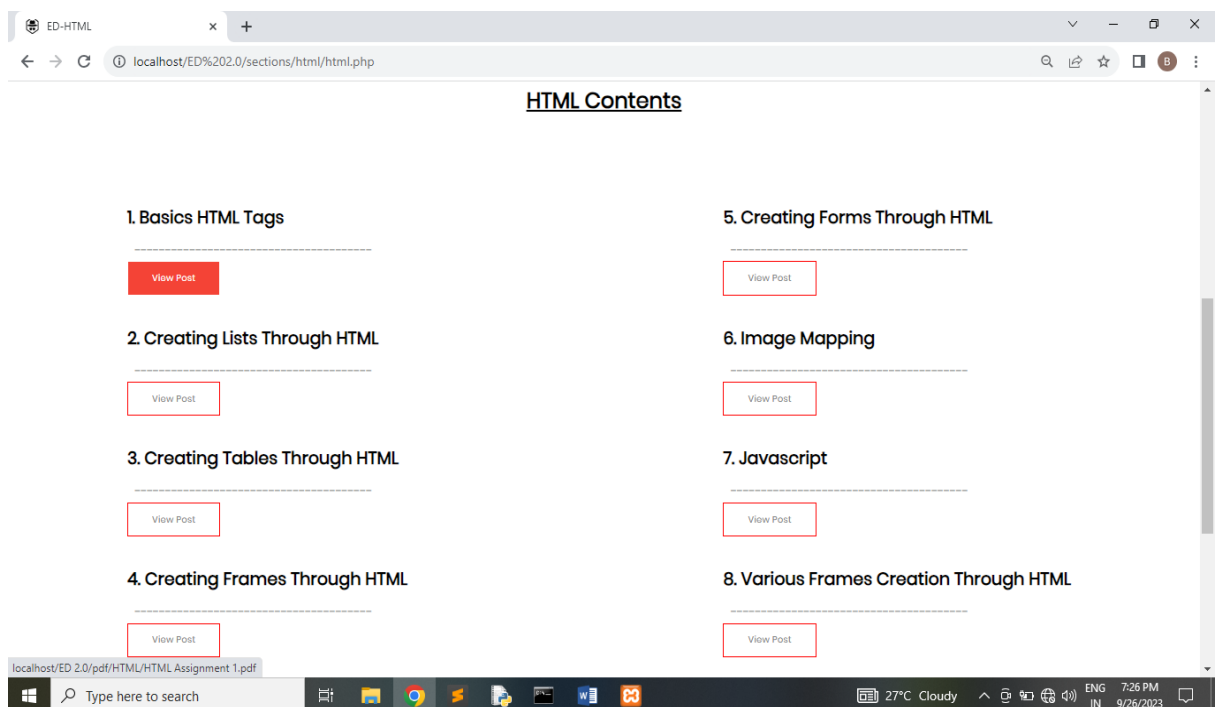
Table Name	No of columns	Type	Width/Length	Constraints
user_credentials	4	varchar	50	primary key
user_files	6	varchar	50	primary key and foreign key

# User Interfaces

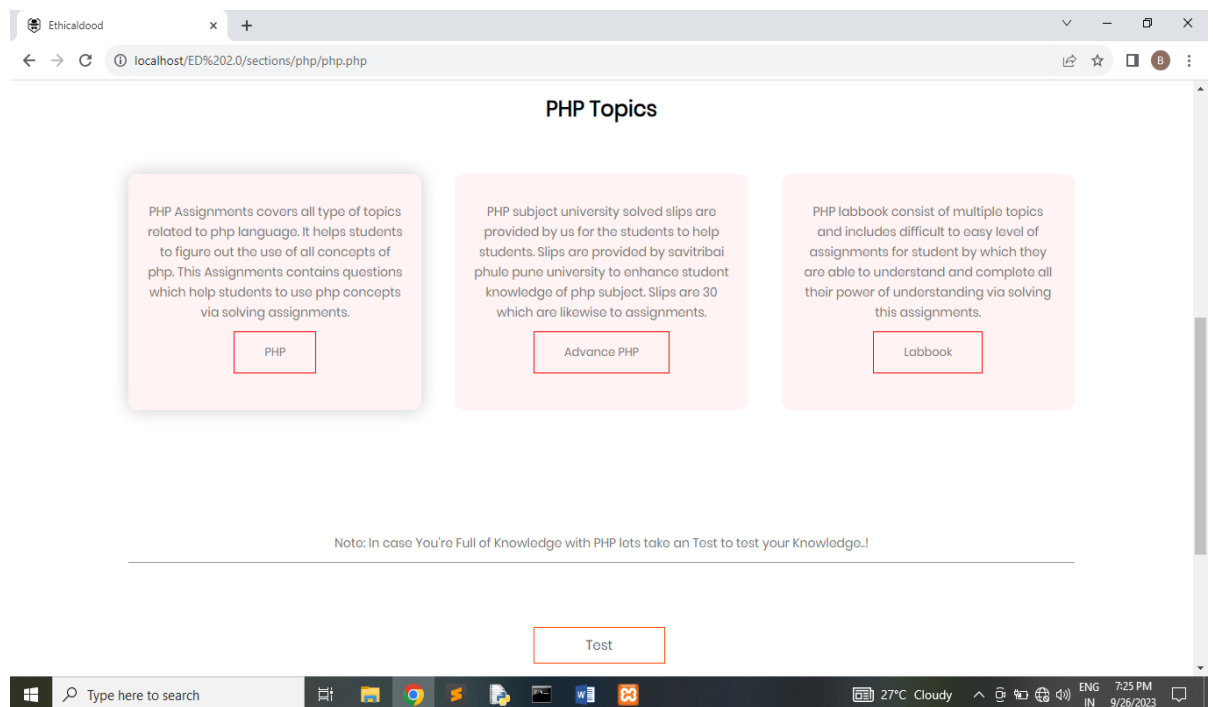
## 1. Homepage:



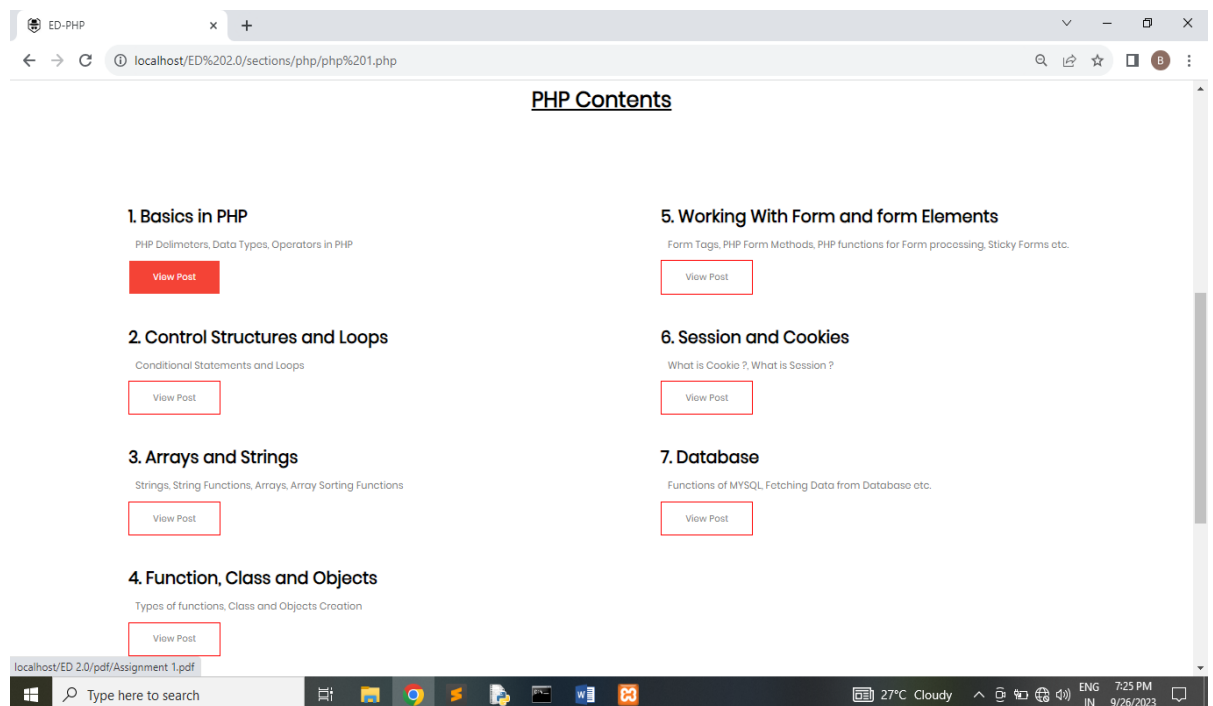
## 2. HTML Page:



### 3. PHP Main:



### 4. PHP:



## 5. Advance PHP:

The screenshot shows a web browser window with the address bar displaying 'localhost/ED%202.0/sections/adv%20php/php%202.php'. The page title is 'Advance PHP Contents'. The content is organized into two columns of topics, each with a 'View Post' button. The topics are:

- 1. Object Oriented Programming in PHP**  
Object Oriented Concepts, class, objects, constructor, destructor etc.  
[View Post](#)
- 2. To Study Web Techniques**  
Sticky Forms, Multi-valued Parameters, Sticky-Multivalued Parameters etc.  
[View Post](#)
- 3. XML**  
XML declaration, XML Tags, XML Elements, XML attributes, SimpleXML etc.  
[View Post](#)
- 4. PHP with AJAX**  
XML Introduction, XMLHttpRequest Object, etc.  
[View Post](#)
- 5. Connecting Database using PHP and AJAX**  
database connection and predefined functions  
[View Post](#)
- 6. PHP Framework - Drupe**  
Creating contents- Creating Articles, Creating Basic page, Modules etc.  
[View Post](#)

Below the topics, there is a note: 'Note: In case You're Full of Knowledge with PHP lets take an Test to test your Knowledge.!' and a 'Test' button.

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates the temperature is 27°C, it's cloudy, and the time is 7:27 PM on 9/26/2023.

## 6. Java:

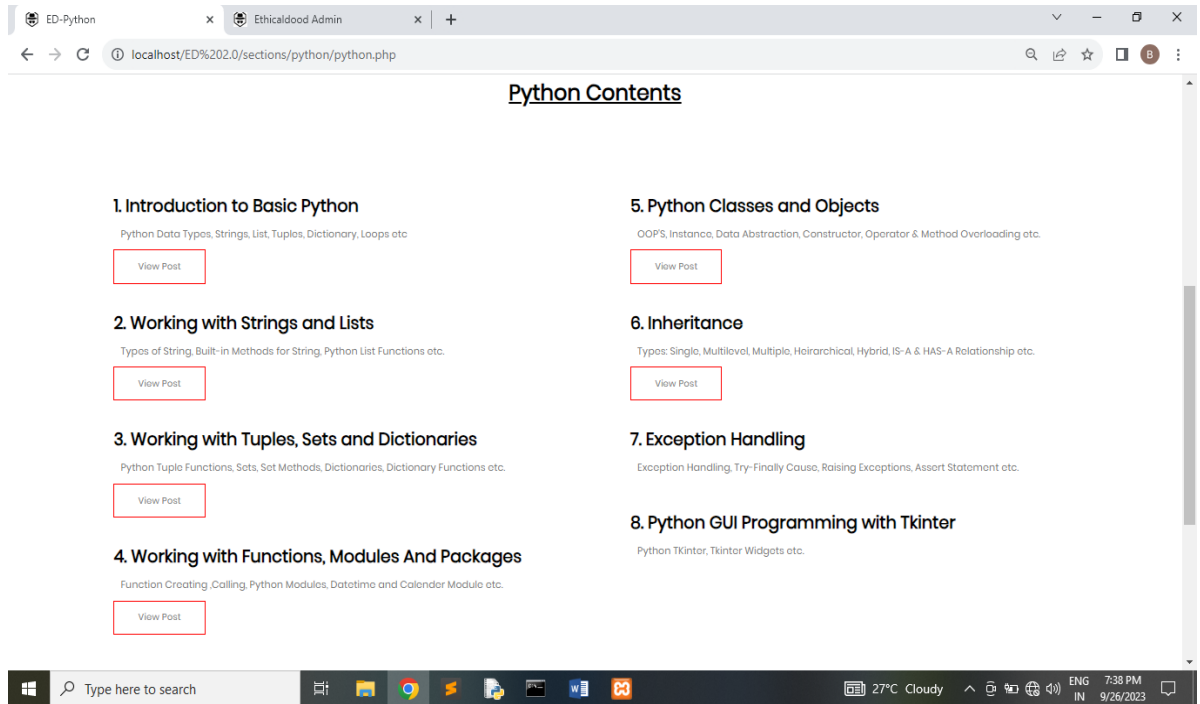
The screenshot shows a web browser window with the address bar displaying 'localhost/ED%202.0/sections/java/java.php'. The page title is 'Java Contents'. The content is organized into two columns of topics, each with a 'View Post' button. The topics are:

- 1. Introduction to Java**  
Java Data Types, Array, String, Built-in Packages etc.  
[View Post](#)
- 2. Classes Objects and Methods**  
Class, Object, Constructor, Method Overloading, Object as Parameter etc.  
[View Post](#)
- 3. Inheritance Package and Collection**  
Types of Inheritance, Method Overriding, Super keyword, Abstract class, Interface etc.  
[View Post](#)
- 4. File and Exception Handling**  
Exception Types, Exception Handling, File Handling etc.  
[View Post](#)
- 5. Applet, AWT, Event and Swing Programming**  
APPLET, AWT Hierarchy, Swing Class Hierarchy etc.  
[View Post](#)

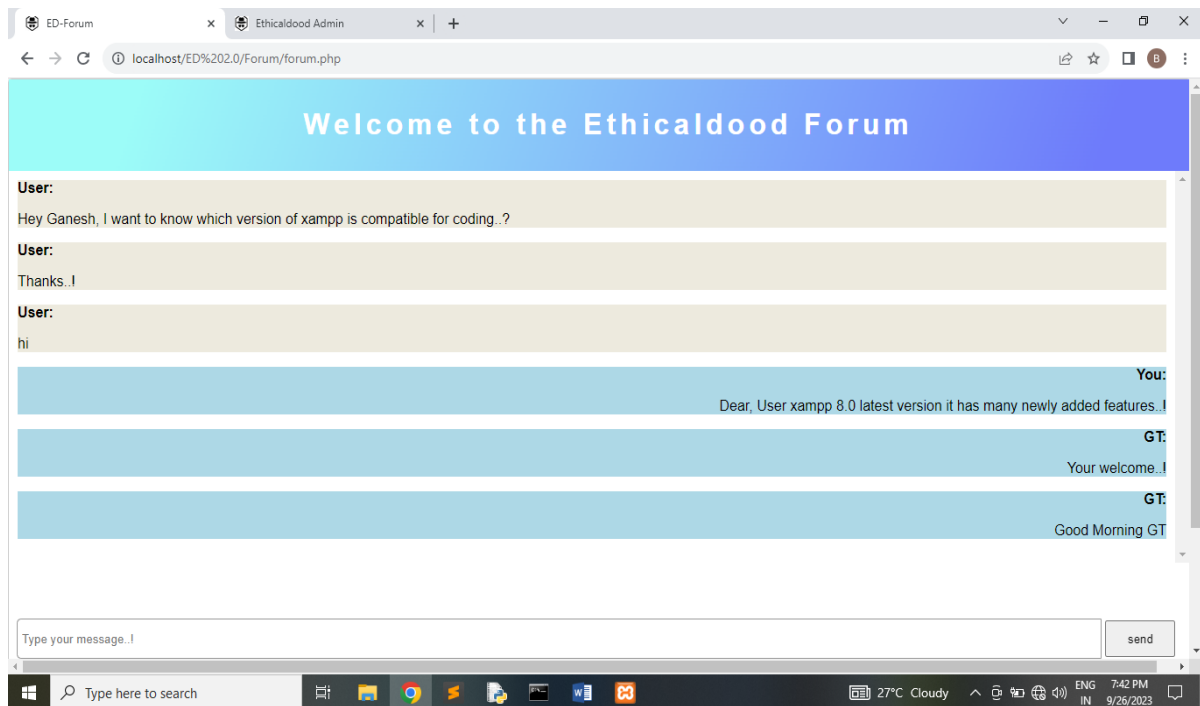
The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates the temperature is 27°C, it's cloudy, and the time is 7:37 PM on 9/26/2023.



## 7. Python:



## 8. Forum:



## 9. User Section:

The screenshot shows a web browser window with the URL `localhost/ED%202.0/ulogin.php`. The page features a navigation bar with links: Home, Forum, Compiler, Arrivals, Papers, Login, Feedback, Codes, and About Us. A central modal box titled "Sign-in | Sign-up" contains the following fields and elements:

- Username:** A text input field with the value `ganeshtelore`.
- Password:** A password input field with masked characters `*****`.
- Forgot Password:** A link below the password field.
- Sign-In:** A prominent blue button at the bottom of the modal.

The browser's taskbar at the bottom shows the Windows search bar, application icons, and system status (27°C Cloudy, 7:45 PM, 9/26/2023).

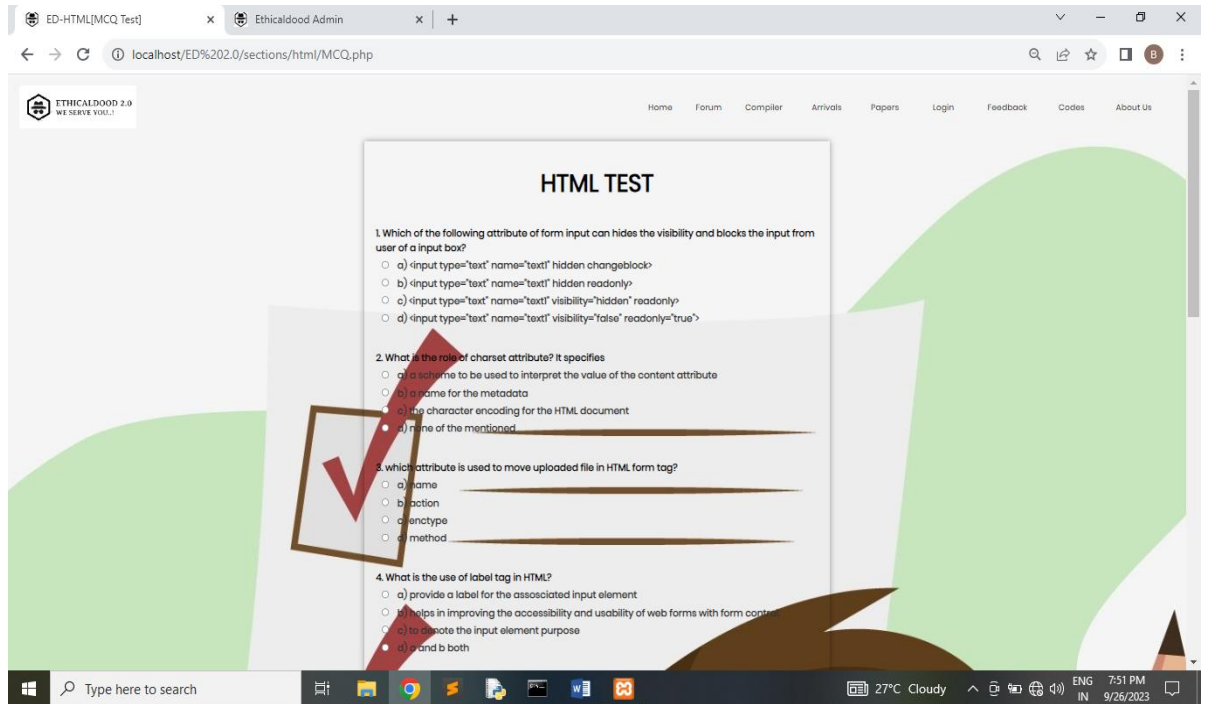
## 10. Feedback:

The screenshot shows a web browser window with the URL `localhost/ED%202.0/feedback/feedback.php`. The page features a navigation bar with links: Home, Forum, Compiler, Arrivals, Papers, Login, Feedback, Codes, and About Us. The main content area is a feedback form titled "Feedback" set against a background illustration of three people giving thumbs up. The form includes the following fields and elements:

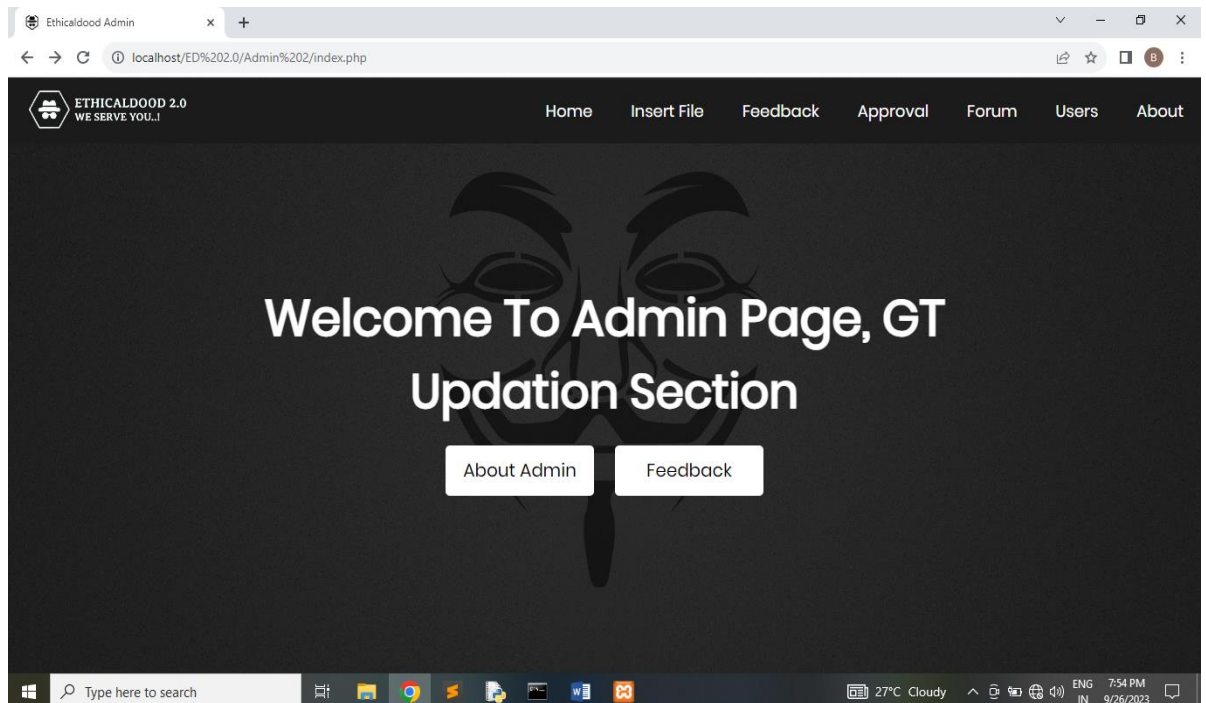
- Name:** A text input field.
- Contact No.:** A text input field.
- Message/ Suggestions :** A text area for feedback.
- Submit:** A prominent blue button at the bottom of the form.

The browser's taskbar at the bottom shows the Windows search bar, application icons, and system status (27°C Cloudy, 7:43 PM, 9/26/2023).

## 11. MCQ Test:



## 12. Ethicaldood Admin:



## **Software Hardware Specifications:**

### **Project Development Enviroment:**

- Device: Lenovo Ideapad 310
- Hardware: hard-disk 1TB(EVM 256GB SSD)
- Processor: Intel core i3
- Operating System: Windows 10 Pro
- RAM: 4GB
- Software: necessary software's are XAMPP package, Internet browsers(e.g, google chrome, ms-edge etc.)
- Connections: External Wi-Fi connection(for PHPMailer and Compiler)

### **Minimum Requirements:**

- Hardware: hard-disk should be greater than 32GB
- Processor: 1.6 GHz speed
- Operating System: Windows 2000 for Windows OS
- RAM: At least 512 MB
- XAMPP version: 1.7.7
- Internet Browser: Google Chrome Version 4(different for different browsers)

## **Test Plan**

### 1. Introduction:

- Purpose: The original purpose of Ethicaldood is to deliver a good platform with error free approach for development community.
- Project overview: Ethicaldood will provide the high quality and simple codes that can help you to build up your knowledge very well.

### 2. Test Objective:

- To test the working of the buttons on which pdf files of source code will get shown.
- To test working of admin login and user login form by which Admin get logged in Admin side via providing correct credentials.
- To test the file uplodation system for user and admin by which user and admin can add new contents.
- To test the Admin side approval system by which admin can handle the contents uploaded by user.
- To test the working of the feedback form is that working properly or not.
- To test the working of chat forum so that no interruption occurs while discussing.

### 3. Test Scope:

- Via testing of buttons user's will easily access of the source codes.
- Via testing of admin and user form admin and user can easily access the user accounts and admin side respectively.
- Admin can now add new contents in different formats like doc, pdf and zip file also.
- User is able to upload contents with mp3, png, mp4, jpg, jpeg etc. extensions.

- User can now easily send the feedback and can mention their problems as well their reviews in that feedback form and that reviews will get reached to the Admin.
- Users can interact with each other as well as Admin over the chat forum.

#### 4. Test Enviroment:

- It requires min hardware specifications as follows:
  1. RAM at least 512MB
  2. OS version should be greater than or equal to Windows 2000
- Needs network specification as follows:
  1. Should be connected to internet via wifi or LAN for Email notification purpose.
- Software Configurations:
  1. Needs xampp server package(MYSQL Database).
  2. Needs Web browser(e.g Chrome, MS Edge etc.)

#### 5. Test Reporting:

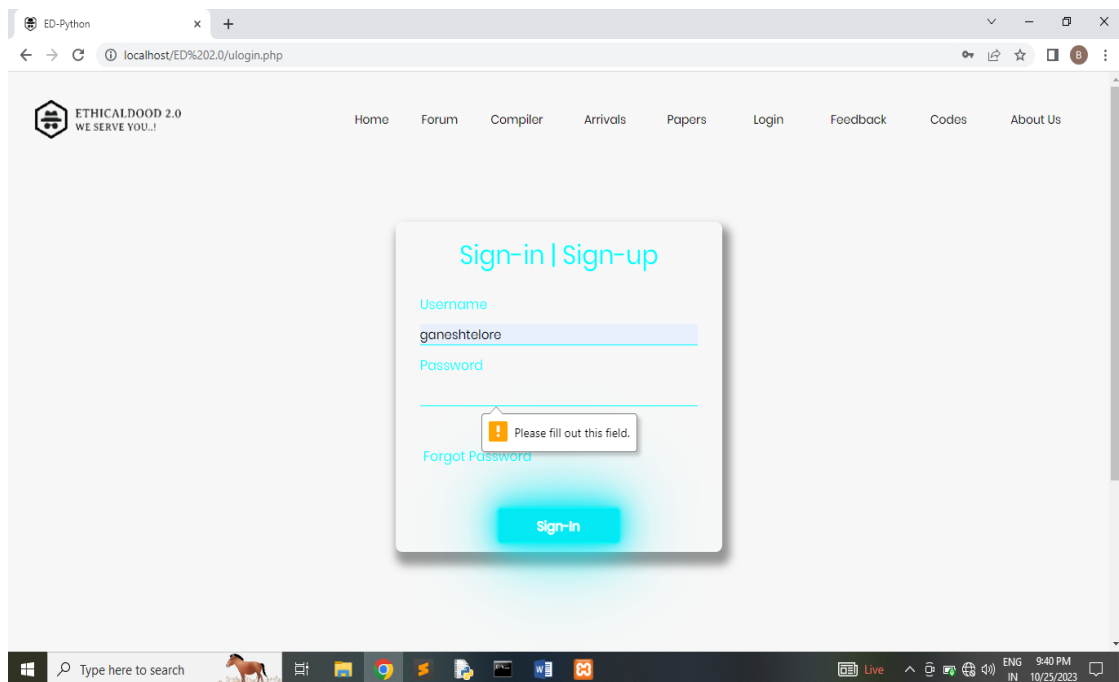
- Ethicaldood provides online compiler where user can practice the source codes.
- Forum works well enough and fastly.
- Feedback does validation before data insertion and hence it works efficiently.
- Contents of languages opens within blink of an eye.
- Login forms works correctly with encryption and decryption methods.

## Data Validation Test Cases

### 1. Null or Empty Data:

If login form finds any unfilled field occurs then there is no submission of data will perform it will send you an error message that this field is empty and should be filled properly.

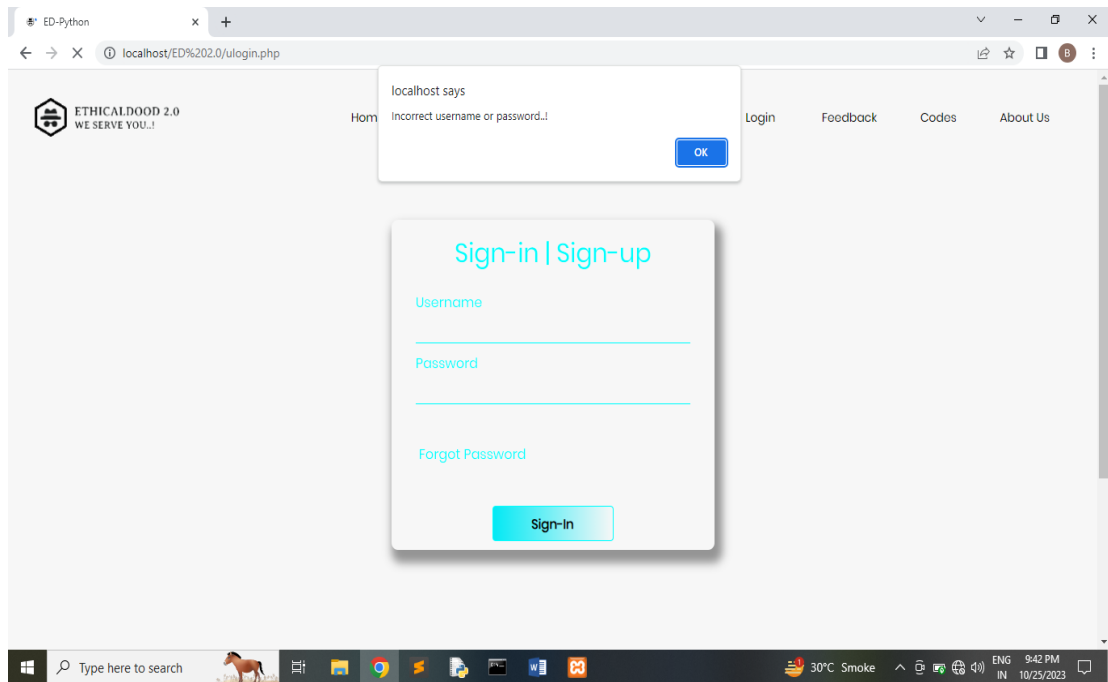
#### Test Result:



### 2. Encrypted login credentials validation:

Login form comes with username and password fields with the credentials stored on database in an encrypted form.

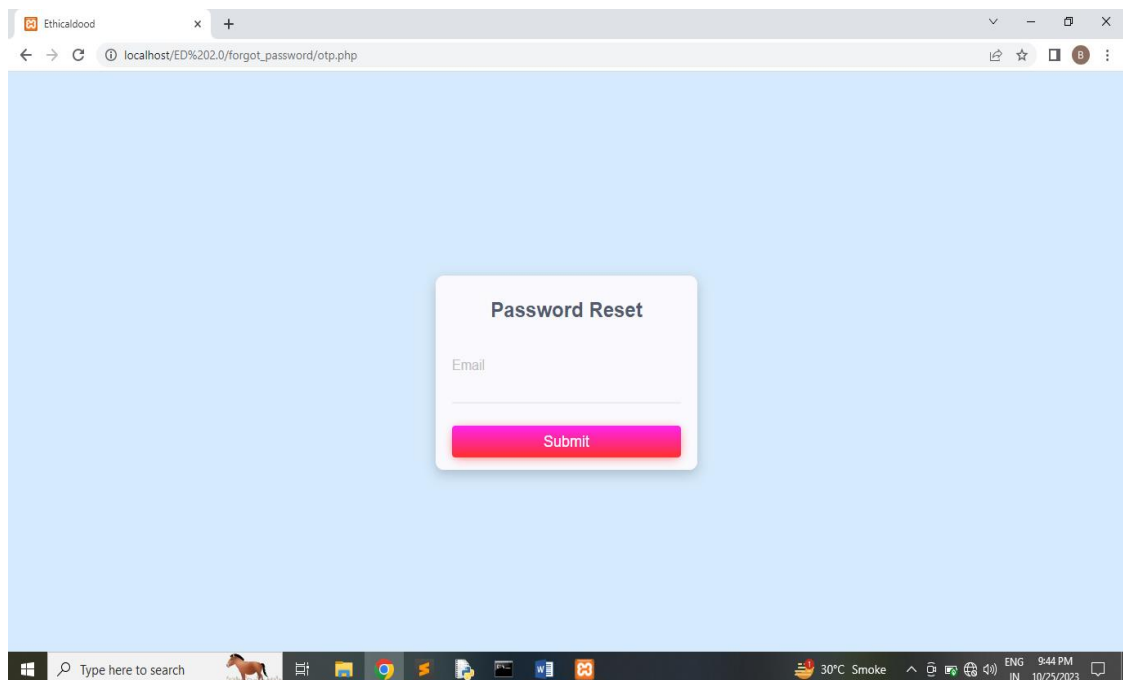
#### Test Result:



### 3. Critical Situation Handling:

In any case Admin forgot his password he can simply reset the password using email verification in which system sends him a otp by verifying this otp user can reset its password.

#### Test Result:

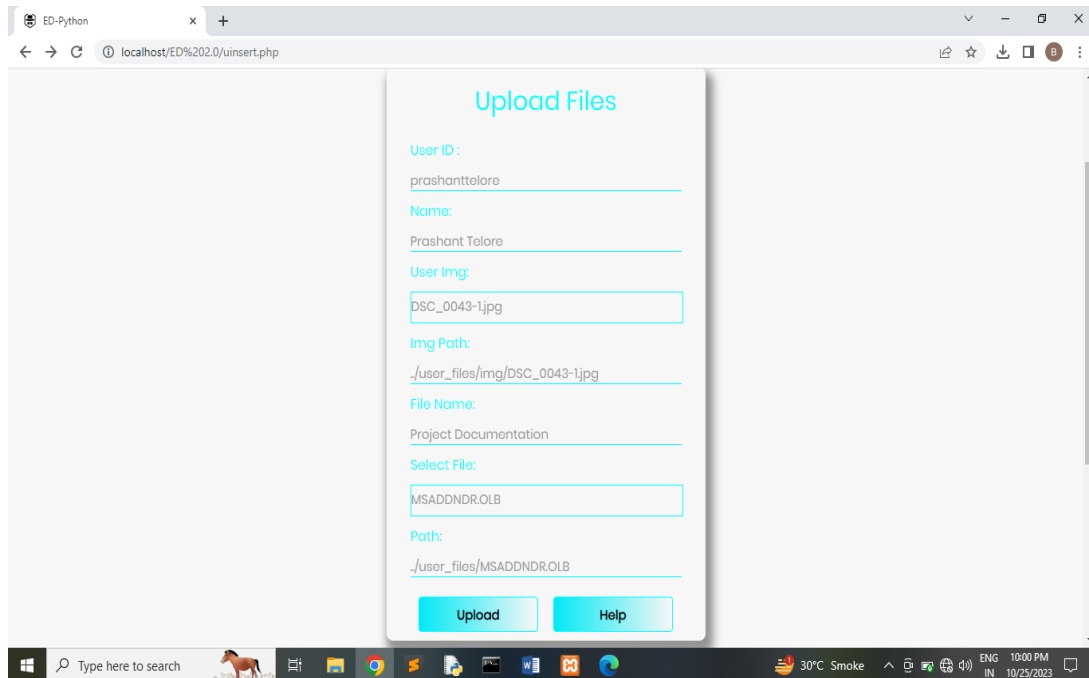




#### 4. File extension validation:

System checks if the Admin and user is storing the valid files such formats like pdf's, word files etc. while uploading the new contents over the site Ethicaldood.

#### Test Result I:

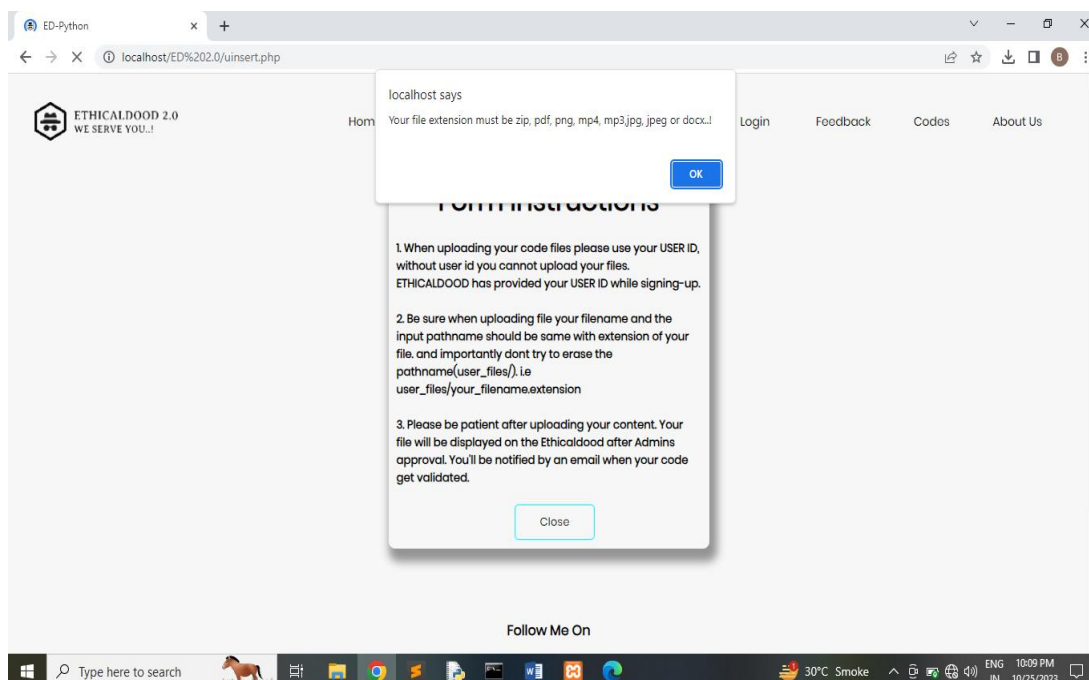


The screenshot shows a web browser window with the URL `localhost/ED%202.0/uinsert.php`. The page displays a form titled "Upload Files". The form fields and their values are as follows:

- User ID: `prashantelora`
- Name: `Prashant Telora`
- User Img: `DSC_0043-1.jpg`
- Img Path: `./user_files/img/DSC_0043-1.jpg`
- File Name: `Project Documentation`
- Select File: `MSADDNDR.OLB`
- Path: `./user_files/MSADDNDR.OLB`

At the bottom of the form are two buttons: "Upload" and "Help".

#### Test Result II:



The screenshot shows the "EthicalDood 2.0" website. A modal dialog box is displayed in the center of the screen, titled "localhost says". The dialog box contains the following text:

Your file extension must be zip, pdf, png, mp4, mp3.jpg, jpeg or docx..!

OK

**FORM INSTRUCTIONS**

1. When uploading your code files please use your USER ID, without user id you cannot upload your files. ETHICALDOOD has provided your USER ID while signing-up.
2. Be sure when uploading file your filename and the input pathname should be same with extension of your file, and importantly dont try to erase the pathname(`user_files/`). ie `user_files/your_filename.extension`
3. Please be patient after uploading your content. Your file will be displayed on the Ethicaldood after Admins approval. You'll be notified by an email when your code get validated.

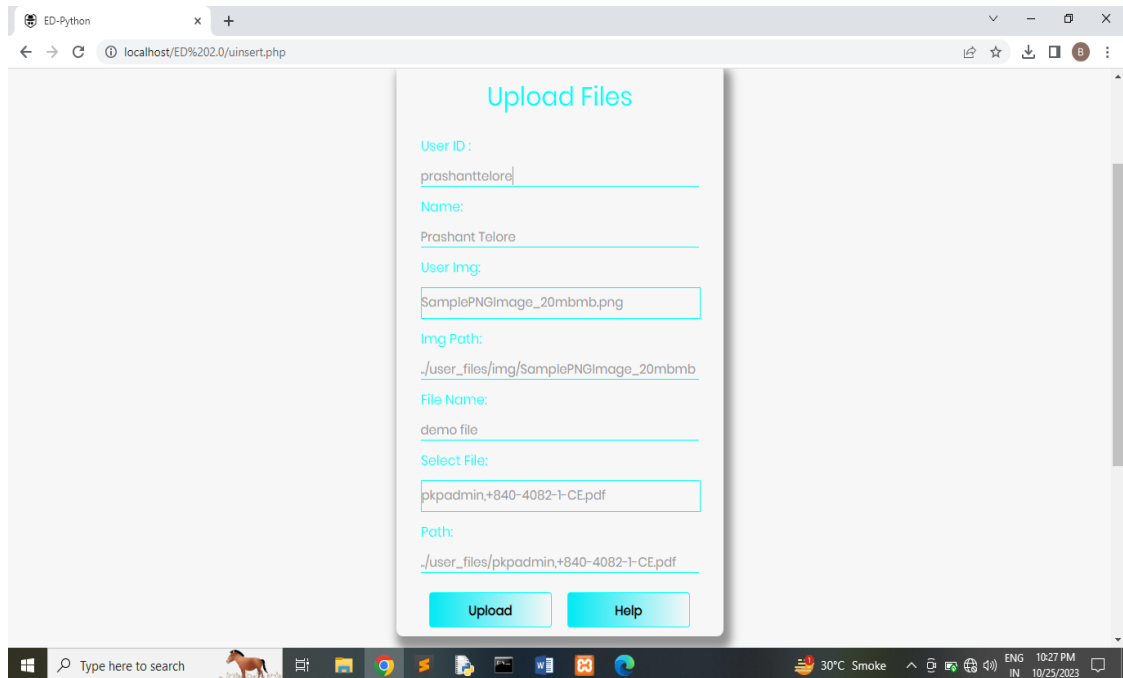
Close

Follow Me On

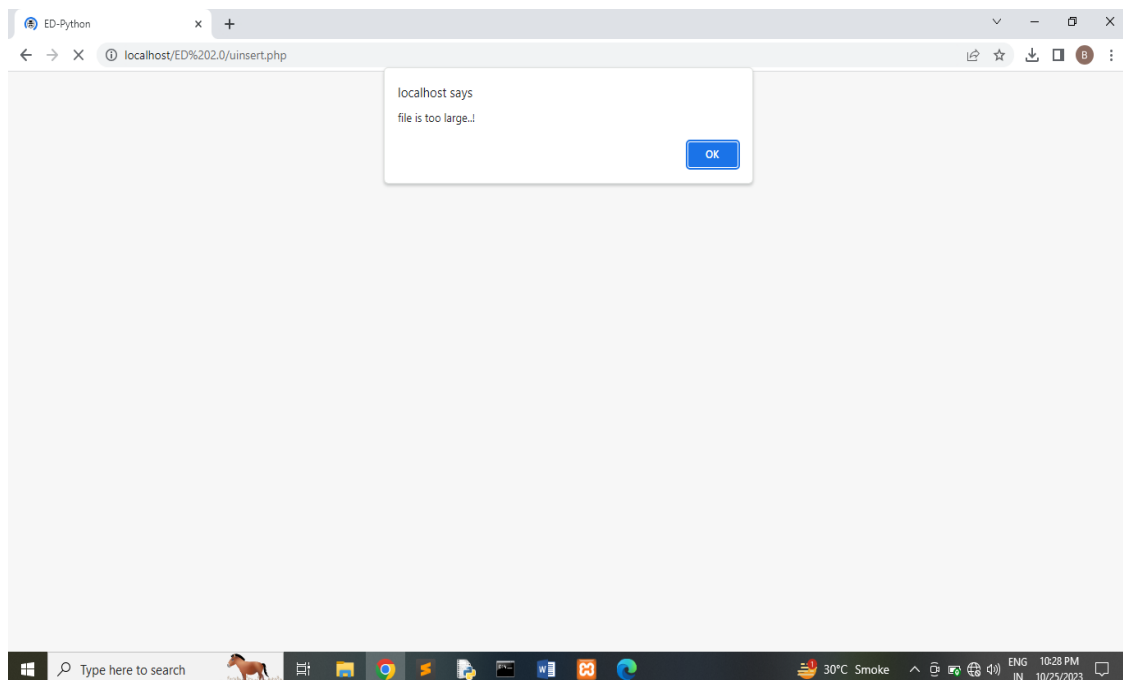
## 5. Data length validation:

System checks if the data files length is valid or not if the length is greater than decided length then it will show the error files size is not valid.

### Test Result I:



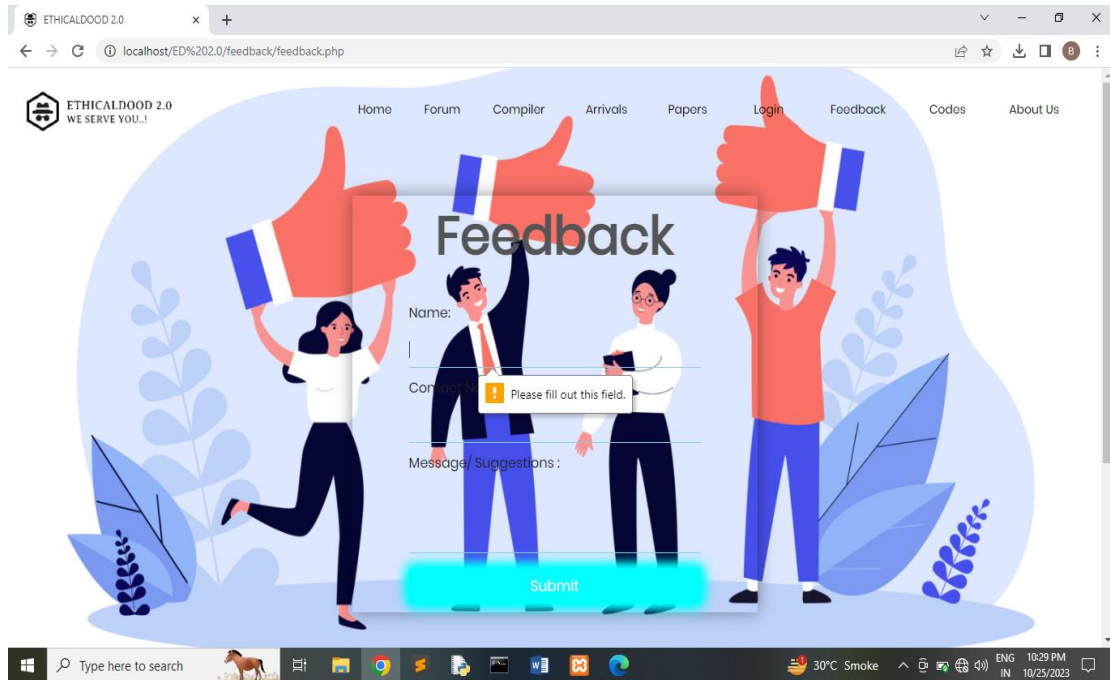
### Test Result II:



6. Feedback form validation:

System checks if the field gets filled with valid data or not by javascript validation.

Test Result:



## Functional validation Test Cases:

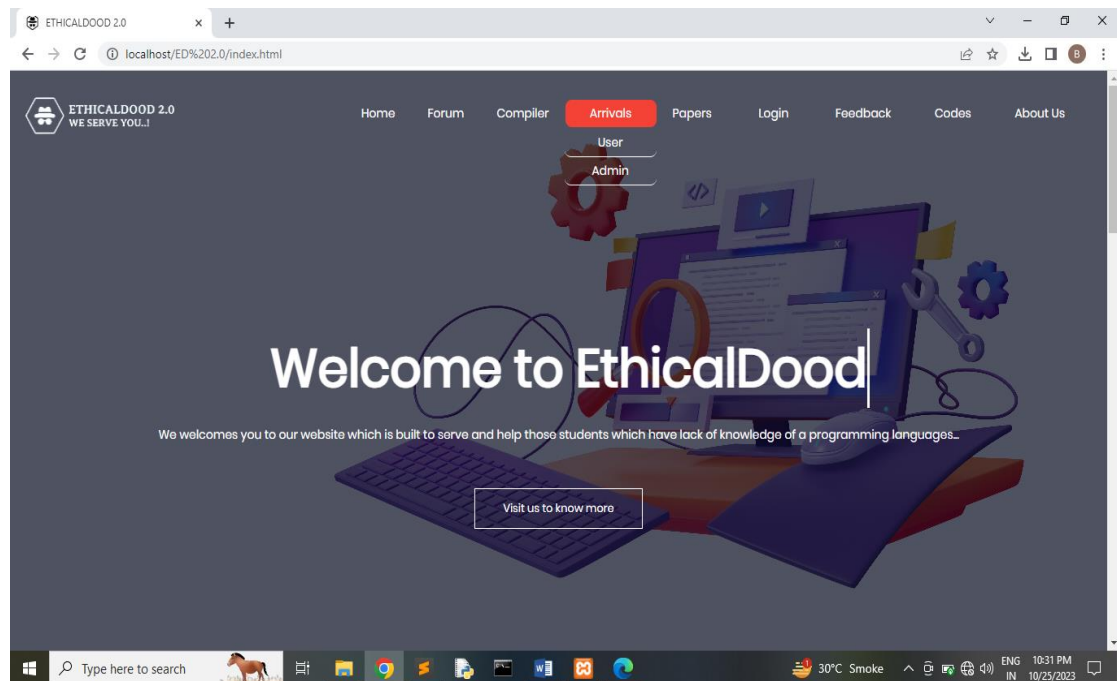
### 1. User Interface testing:

All the UI elements are working properly as they designed for.

UI getting run on every browser perfectly.

Navigations menu's are optimized with simple url's to improve user's navigation experience.

### Test Result:



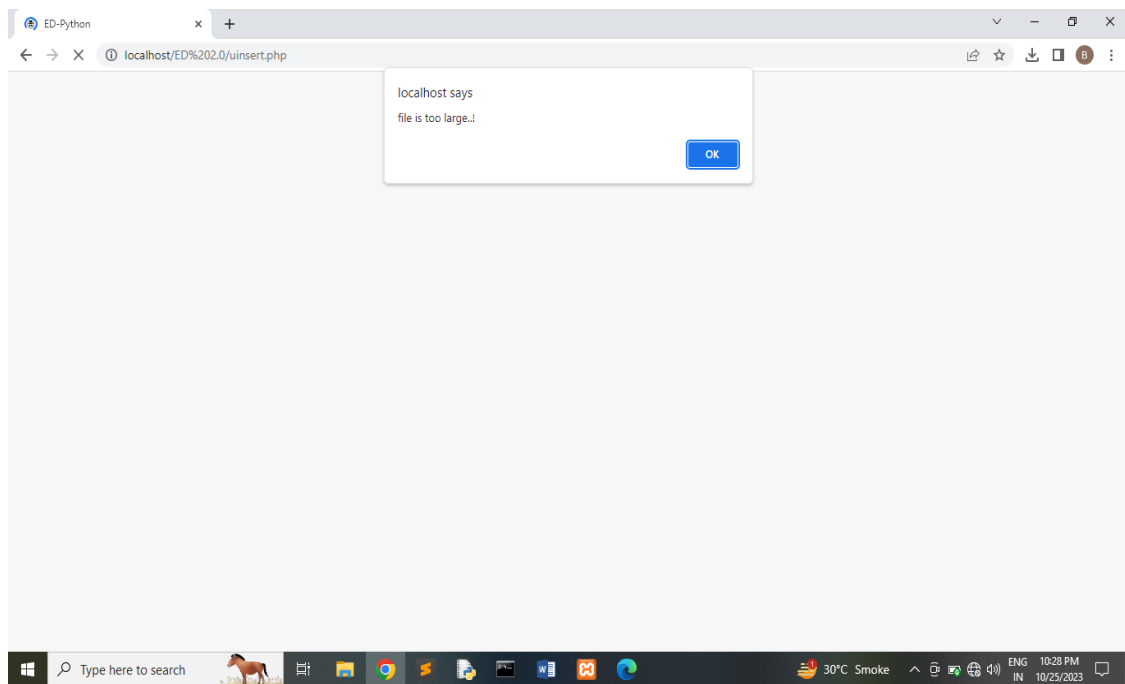
### 2. Input Validation:

System checks if the operator is storing the correct data fields such as file formats like pdf's, word files etc. while uploading the new contents over the site via admin panel.

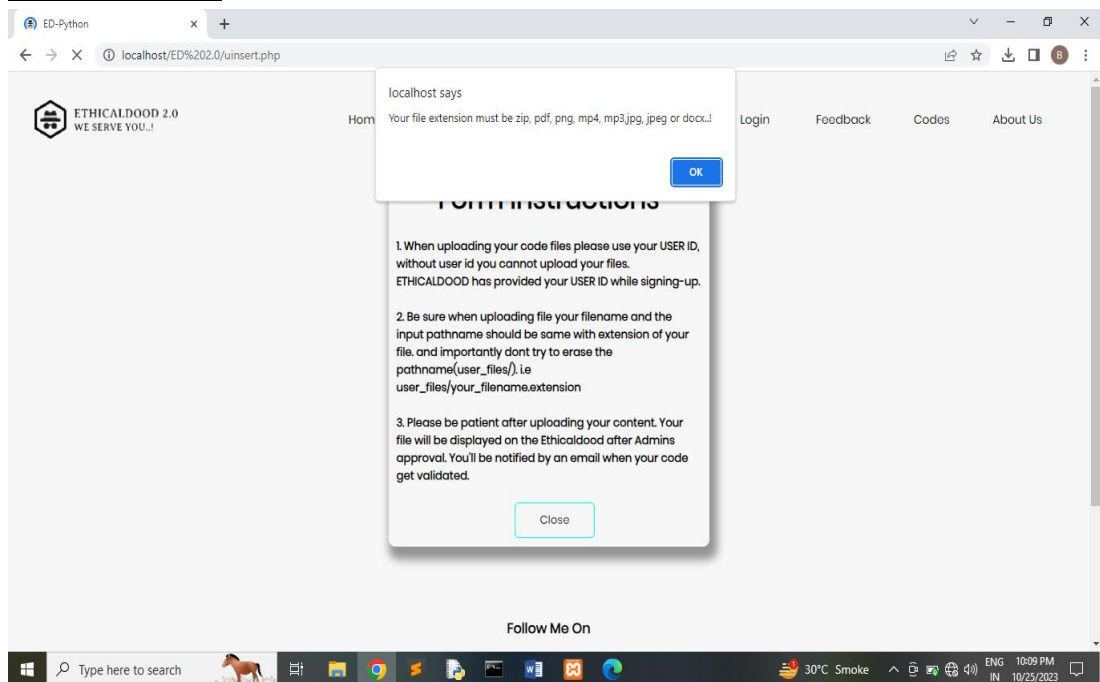
System checks if the data files length is valid or not if the length is greater than decided length then it will show the error files size is not valid.

System checks feedback data fields and return the data to user in case of invalid data.

## Test Result I:



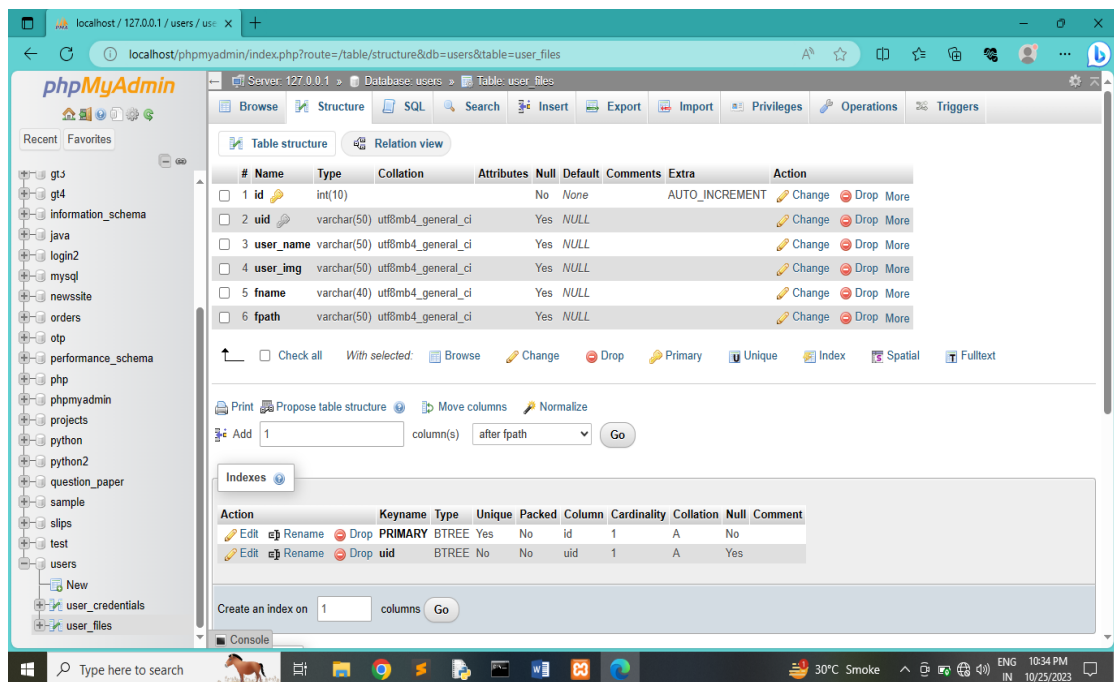
## Test Result II:



### 3. Database Testing:

Database is designed as no invalid data will get stored if user mistakenly submits invalid data using datatypes fields.

## Test Result:



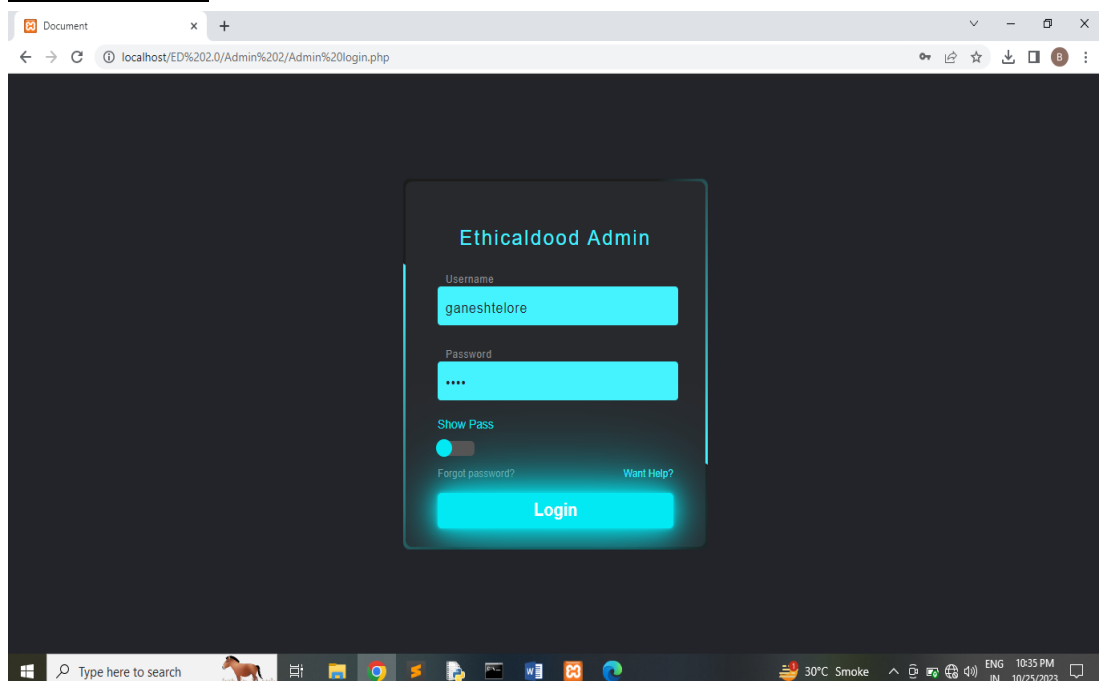
#### 4. Security Testing:

Admin login form contains the overall system security of the admin panel if Admin do not enter valid data he will never get logged in into Admin panel.

Admin panel is the main source by using which admin can add new files as well as can read the messages which users sends to him.

Only authenticated users can be able to upload files on via their profile.

#### Test Result I: Invalid Credentials



### Test Result II:

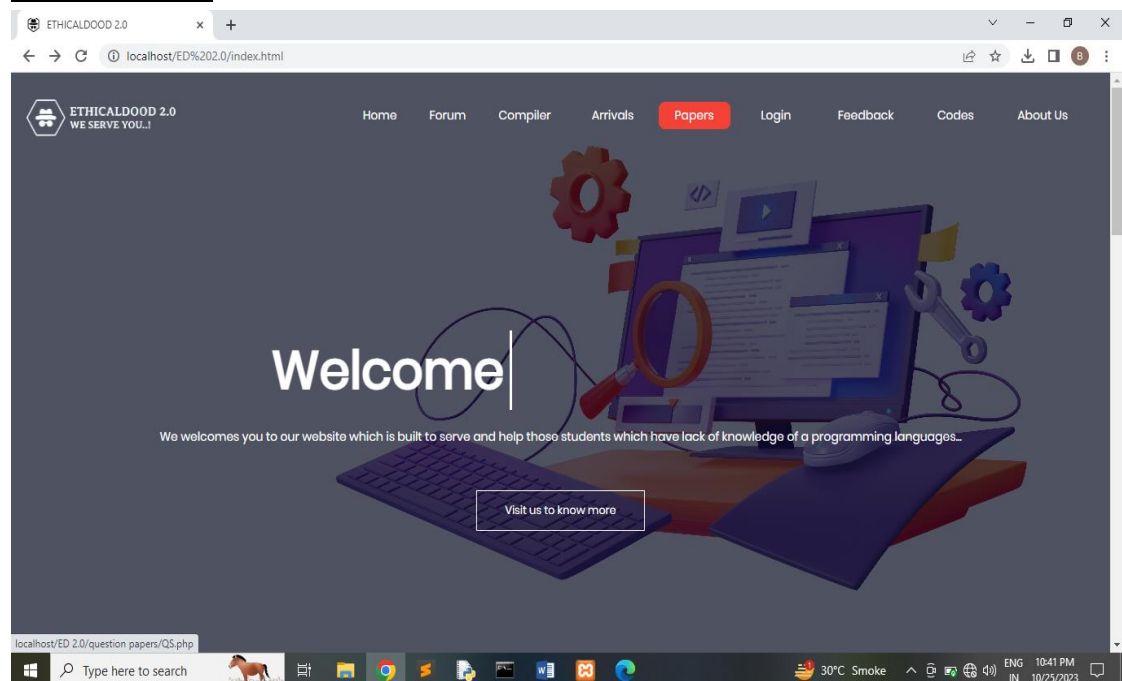
After providing invalid credentials admin got a voice message which says, “*Access Denied*” and he will never get logged in until he enters valid credentials.

### 5. Performance testing:

Ethicaldood takes less time to load contents and can navigate users very fastly within the blink of an eye.

Ethicaldood is developed with optimized codes and hence its execution time is faster.

### Test Result I:



### Test Result II:

After clicking on papers section ED takes less than 0.2s to load the papers page.

## **Conclusion**

Ethicaldood provide simple and easy source codes for best practices. Ethicaldood provide a wealth of resources, including code snippets, full projects that help developers to save time, learn from others, and collaborate on projects. Ethicaldood also enable users to showcase their work and contribute to the wider community. Ethicaldood considers the importance of factors such as the quality of the code, the size of the community, the level of support, and the ease of use. With Ethicaldood users can improve their skills, solve problems more efficiently, and make their contribution to develop tech community. Ethicaldood will be more powerful platform if it can be accessible for everyone and maintained by an dedicated AI. We'll try to develop Ethicaldood as much as possible in the next versions. In future we will try to embed an AI which helps them to solve users queries and provide all the needy information to the users.



## **Recommendation**

1. While running any code on compiler note that you should have an active internet connection if not user will not be able to compile any code because the compiler embedded is online.
2. While feeding back your opinions enter valid information like phone no, your feedback and etc. All Fields are mandatory. And false data will get declined as js validation is performed on all the fields.
3. Users have to wait for the solution they have asked for to admin. A single admin is solving your queries.
4. If user got no email while signing-up that is why because they either entered an invalid email id or no active internet connection. So be aware of that you have an active internet connection.
5. If users didn't got any email from Ethicaldood Content Management Team about the files which have users uploaded this is why because invalid email has provided by user while signing-up. Be aware while signing-up as a user.

## **Future Scope**

1. Improved Navigations Menus: As the number of code snippets and projects of various programming languages on Ethicaldood continues to grow, better navigating capabilities will be needed to help users to find what they need quickly and easily.
2. Greater focus on Feedbacks and reviews: As admin continuously and work remotely, your all reviews and feedbacks will get read. On your demand we continuously make what you need.
3. More security options: As admin become more conscious of security concerns, Ethicaldood will introduce additional measures to protect code from theft.
4. Ethicaldood edit prevented content will secure the code from being modified by the attacker.
5. Optimized content is stored in database so that faster execution of the files.
6. Chat Forum will be a great opportunity for users to solve their all doubts from various experts.
7. MCQ will help the users to track their study progress over the particular programming language.

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2. Youtube: [@codewithharry](#)
3. Youtube: [@yahoobaba](#)
4. Youtube: [@CodexWorld](#)
5. Youtube: [@Cyber Warriors](#)

**Thank You..!**