

Rayat Shikshan Sanstha
C.D. Jain College Of Commerce, Shirampur.



A Project Report On
“Ethicaldood-A Source Code Providing Website”

Submitted to



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

(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 **2022-2023**

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



CERTIFICATE

(Department of Computer Application)

This is certify that project entitled “**Ethicaldood-A Source Code Providing Website**” submitted by **Mr. Telore Ganesh Bhaskar** student of **BBA(CA)-II** (Bachelor Of Business Administration and Computer Application) had satisfactorily completed the project during the academic year **2022-23**.

Date: / /2023

Project Guide

Mr. Lande R.D

Head of Department

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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.

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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

Date: / /2023

Signature:

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-A Source Code Providing Website”** 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

Date: / /2022

Signature:

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)-II** student have carried out necessary project report work on **Ethicaldood- A Source Providing Website** they have completed this project as per the requirements given to them , I agreed for the software prepared by them. During academic year 2022-23.

Date: / /2023

Place: Shrirampur

Guide: Prof. Rohidas Lande

Sign & Stamp

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Introduction

Welcome to our source code providing website! Our website is dedicated to providing high-quality source code for a variety of programming languages and platforms. Whether you are a beginner or an experienced developer, our website offers a wealth of resources to help you learn and improve your coding skills.

Our team is committed to providing accurate, well-written, and easy-to-understand code examples that can help you solve common programming challenges, build new projects, or simply learn more about how different programming languages and technologies work.

At our website, you will find a wide range of source code examples, from simple snippets to complex projects, covering topics. 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.

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. Thank you for visiting our website, and happy coding..

Abstract

Our source code providing Project is a platform dedicated to providing high-quality and easy-to-understand source code for various programming languages and platforms. Our project offers a wide range of resources to help beginners and experienced developers learn and improve their coding skills. Our team is committed to providing accurate and well-written code examples that can help users solve common programming challenges, build new projects, or learn more about different programming languages and technologies. Our open-source code can be used, modified, and redistributed as per the terms of the applicable open source license. We aim to be a valuable resource for users as they explore the world of programming and software development. Ethicaldood 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 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.

Thank You..!

Motivation

There are several motivations for creating a source code providing Project.

- ❖ Firstly, many individuals face common programming challenges that can be solved by reusing existing code or by learning from code examples. By providing high-quality and well-documented code examples, a source code website can help these individuals save time and effort, while also promoting best practices in coding.

- ❖ Secondly, many students are looking to learn new programming languages and technologies, or to improve their existing skills. By offering a diverse range of code examples and resources, Ethicaldood can help these students acquire new knowledge and skills in a practical and hands-on manner.

- ❖ Thirdly, open-source software and collaboration have become increasingly important in the technology industry. By providing open-source code examples.

Overall, EthicalDood can serve as a valuable resource for individuals seeking to improve their coding skills, solve programming challenges, and promote innovation and collaboration in the technology industry.

Problem Statements

Following the problem statements which get arise during developing of this project

- ❖ How to insert pdf files in mysql is an big challenge for us.
- ❖ To retrieve pdf files from database on clicking the button.
- ❖ No one has yet created such type of project yet.
- ❖ How to make notes uncopyable and uneditable is the big problem.
- ❖ Embedding online complier in website is a little bit harder problem.

Objectives and Goals

Some common objectives of developing Ethicaldood Project may include:

- ❖ To provide high-quality and well-documented source code examples for various programming languages and platforms to help students and interested one's solve common programming challenges.
- ❖ To offer a wide range of code examples and resources that can help beginners and experienced peoples learn and improve their coding skills.
- ❖ To encourage students by providing open-source code examples and promoting best practices in coding.
- ❖ To promote innovation in the technology industry by providing practical and hands-on examples of new programming languages and technologies.
- ❖ To establish the website as a trusted and reliable resource for students seeking to improve their coding skills and solve programming challenges.
- ❖ To provide opportunities for students to contribute to open-source projects and collaborate.

Overall, the main objective of developing a source code website is to provide a valuable resource for students and interested one's, promote best practices in coding, and encourage collaboration and innovation in the technology industry.

Project scope

The project scope for a source code Project include the following:

- ❖ Developing a user-friendly website with an intuitive interface that allows users to easily navigate and search for code examples and resources.
- ❖ Creating a database of high-quality and well-documented source code examples for various programming languages and platforms.
- ❖ Ensuring that the website is optimized for performance and accessibility, and that it is compatible with different browsers and devices.
- ❖ Providing tools and resources that help users understand and apply the code examples, such as tutorials, documentation.
- ❖ Developing a system for users to contribute their own code examples, collaborate with others, and provide feedback on the code examples.
- ❖ Promoting the website through various channels, such as social media, search engines, and online communities, to attract a wide range of users.
- ❖ Monitoring and analyzing website usage data to identify areas for improvement, such as the most popular code examples and user feedback.

Overall, the project scope for a source code Project involves creating a comprehensive and user-friendly platform that provides high-quality and well-documented code examples for various programming languages and platforms.

Limitations

Here are some limitations of Ethicaldood...

- ❖ There is no search functionality present in Ethicaldood.
- ❖ It doesn't have its own compiler(we are trying to develop offline compiler, and will be available in next version).
- ❖ Ethicaldood is not secure yet.
- ❖ Only PHP HTML and Advance PHP source codes are available yet.

Perspective of Ethicaldood

- ❖ From a user perspective, a source code website can be a valuable resource for himself seeking to learn new programming languages and technologies, improve their coding skills, and solve programming challenges. A well-designed and comprehensive source code website can provide users with a wide range of code examples, tutorials, and resources that are easy to understand and apply.
- ❖ Users can search for specific code examples or browse through different navigation menu's and platforms to find the code they need. They can also contribute their own code examples, and provide feedback on the code examples.
- ❖ From a community perspective, a source code website can promote collaboration and innovation in the technology industry by providing a platform to share their knowledge, skills, and experiences. It can also help promote best practices in coding.
- ❖ From a business perspective, a source code website can be a valuable asset for companies seeking to improve their software development processes, reduce development time and costs. It can also help companies attract and retain talented developers and programmers by providing them with access to high-quality code examples and resources.

Features

Some of the features of a source code website may include:

- ❖ Code examples: A database of high-quality and well-documented code examples for various programming languages and platforms.
- ❖ Categories and tags: A system of categories and tags that helps users browse through different programming languages, platforms, and topics.
- ❖ Feedback: A section for users to contribute their own code examples, collaborate with other developers, and provide feedback on the code examples.
- ❖ Feedback and reviews: Feedback that allow users to ask questions, share their experiences that they want to share with other visitors.
- ❖ Visual optimization: Visual optimization to ensure that the website is accessible and easy to use on different devices and platforms.

Overall, a source code website has designed to provide a comprehensive and user-friendly platform that provides high-quality and well-documented code examples for various programming languages and platforms.

Stakeholders

here are some common stakeholders:

- ❖ **Students:** These are the primary users of the source code providing project. They rely on the platform to find, share, and collaborate on source code. Their feedback and satisfaction are crucial for the success of the website.
- ❖ **Companies/Organizations:** Companies and organizations that utilize the source code from the website as part of their development process are also stakeholders. They may rely on the platform to find and integrate open-source code into their projects. Their needs, such as code quality, licensing, and documentation, should be considered.
- ❖ **Users:** These are individuals who actively contribute their own source code to the website. They might be developers or open-source enthusiasts looking to share their work with the community. Encouraging and supporting contributors is important for the growth and vitality of the platform.
- ❖ **System Administrators:** Admins are responsible for maintaining the technical infrastructure of the website, ensuring its stability, scalability, and security, are important stakeholders. Admins expertise is necessary to ensure a reliable and smooth user experience.

- ❖ Teachers: Others like teachers also don't have enough time to code for a particular problem that's why this project will help those teachers who needs easy codes for their students.
- ❖ Academics: Source code sharing websites can be valuable resources for research and academic purposes. Researchers and academics might utilize the platform to study trends, analyze code quality, or explore new programming paradigms.

Given above are the stakeholders to whom this project will help.

Functional requirements

Functional requirements for a source code website includes:

- ❖ Code database: The website have a database of high-quality and well-documented code examples for various programming languages and platforms.
- ❖ Navigation Menus: The website have a system of categories and tags that helps users browse through different programming languages, platforms, and topics.
- ❖ Platform for Feedback: The website have forums that allow users to ask questions, share their experiences.
- ❖ Visual optimization: The website be optimized for mobile devices to ensure that it is accessible and easy to use on different devices and platforms.
- ❖ Feedback and ratings: The website allow users to rate and provide feedback on code examples and other resources to help improve their quality.

Overall, these functional requirements are necessary to provide a comprehensive and user-friendly platform that offers high-quality and well-documented code examples for various programming

Performance Requirements

Here are some common performance requirements:

- ❖ Responsiveness: Ethicaldood load quickly and respond promptly to user interactions. Users expect a smooth and seamless browsing experience without significant delays.
- ❖ Scalability: Ethicaldood is able to handle increasing traffic and user activity without experiencing performance degradation.
- ❖ Efficiency: The source codes are optimized for efficient execution.
- ❖ Smoothness: As Ethicaldood is a project hence only a single user can handle the site at a time and hence it runs smoothly.
- ❖ Browser compatibility: Ethicaldood is compatible with a range of web browsers and devices, ensuring consistent performance across different platforms.
- ❖ 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.

- ❖ Security considerations: While not directly related to performance, ensuring the security of the source code and the website is crucial. Implement appropriate security measures to protect against vulnerabilities and potential performance impacts caused by security breaches.

This above mentioned statements provides the performance overlook of Ethicaldood. It is fast reactive and smooth in performance.

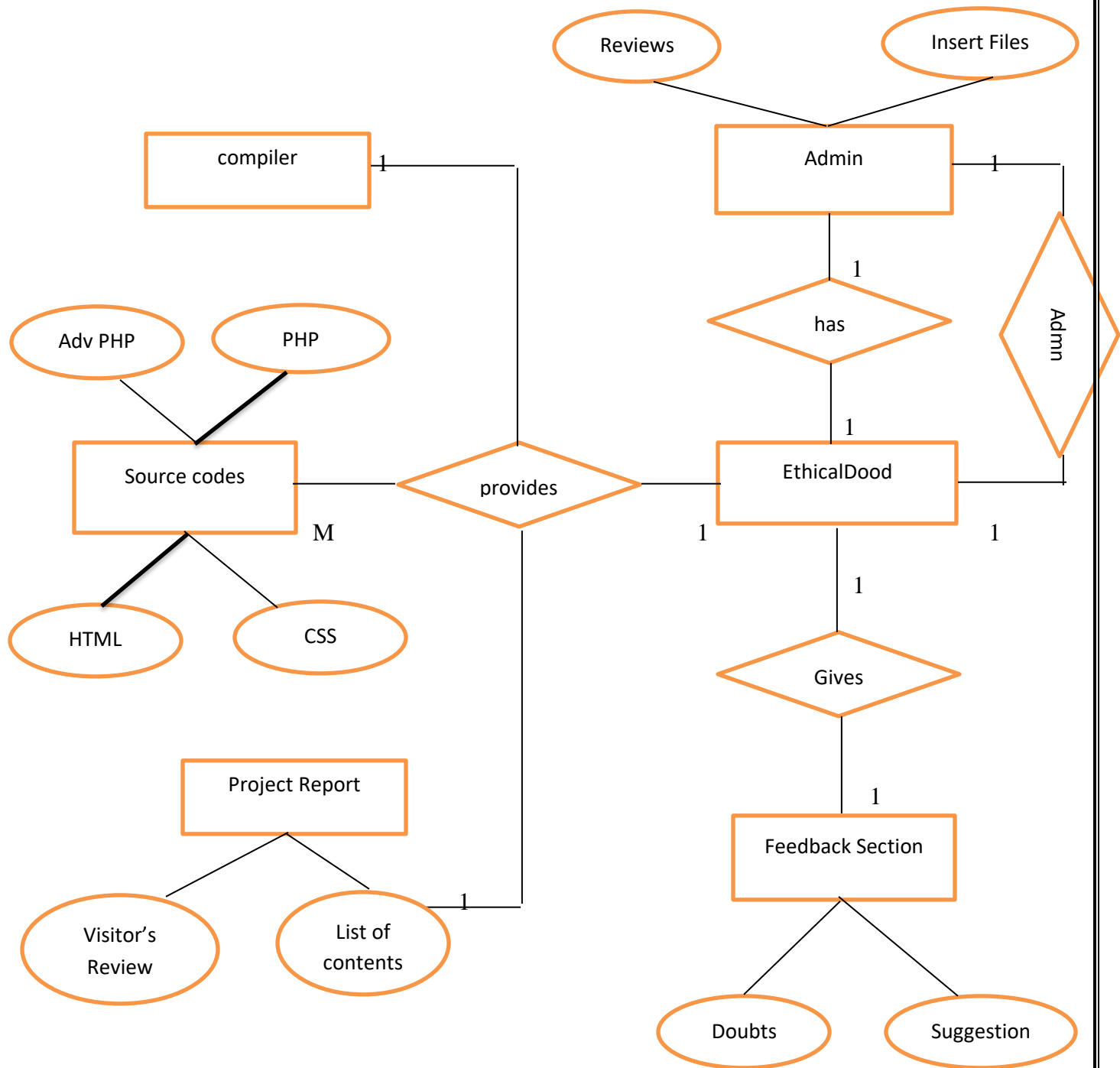
Security Requirements

Here are some important security requirements:

- ❖ Admin Authentication and Authorization: project has secure user authentication mechanism to verify the identity of admin accessing the admin panel. It has strong password policies, enforce password encryption.
- ❖ 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 not copyable content so that attacker will not be able to copy the codes.
- ❖ Secure Coding Practices: for compiling codes we have used ----- 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.
- ❖ Secure password modification: in any case admin forgot his password he can send a OTP on his email to verify that its really admin trying to logged-in. After OTP verification admin will get eligible to change his password. If the OTP is wrong then no further action will get performed.

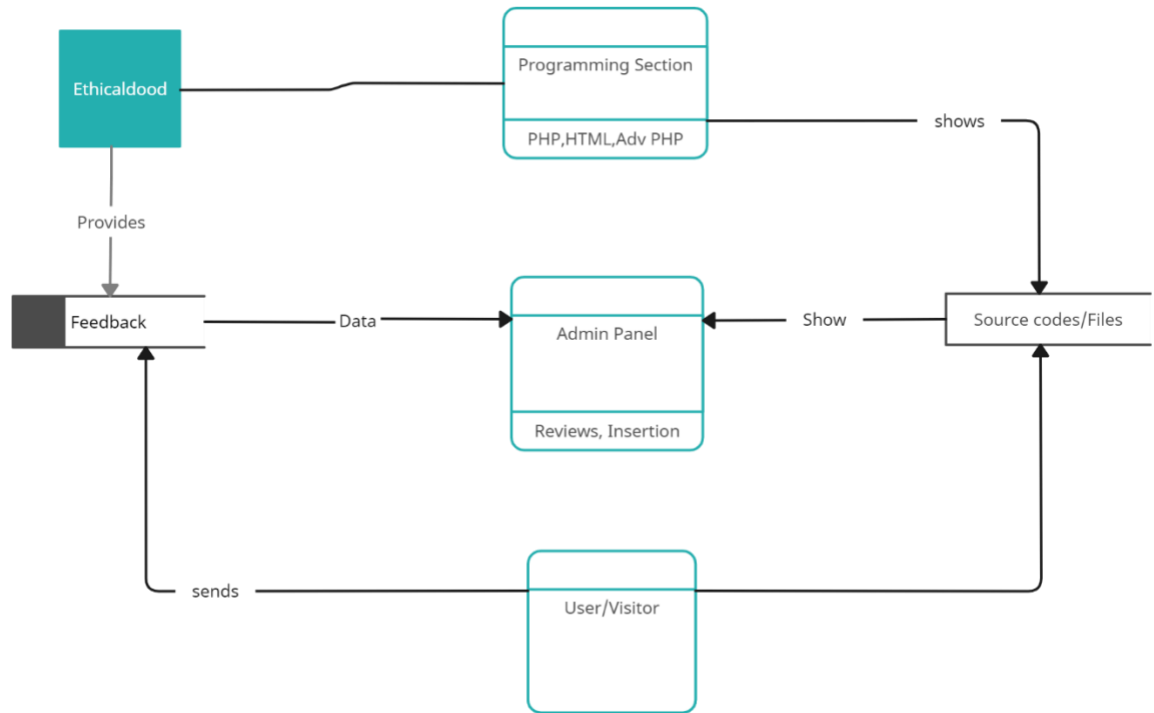
Such types of security provisions are included in Ethicaldood Project. So that no one outsider can access and modify the the contents inside the website.

Entity-Relationship Diagram[Ethicaldood]

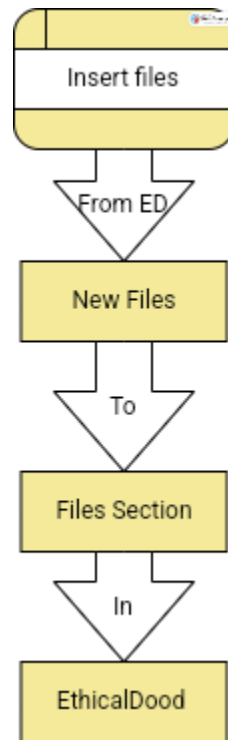


Ethicaldood DFD

[Context Level]



[First Level DFD]



Data Model

I have used the following tables for the purpose of storing and 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/Text	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/Text	50-50	Primary key
chapter_2	2	Varchar/Text	50-50	Primary key
chapter_3	2	Varchar/Text	50-50	Primary key
chapter_4	2	Varchar/Text	50-50	Primary key
chapter_5	2	Varchar/Text	50-50	Primary key
chapter_6	2	Varchar/Text	50-50	Primary key
chapter_7	2	Varchar/Text	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
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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

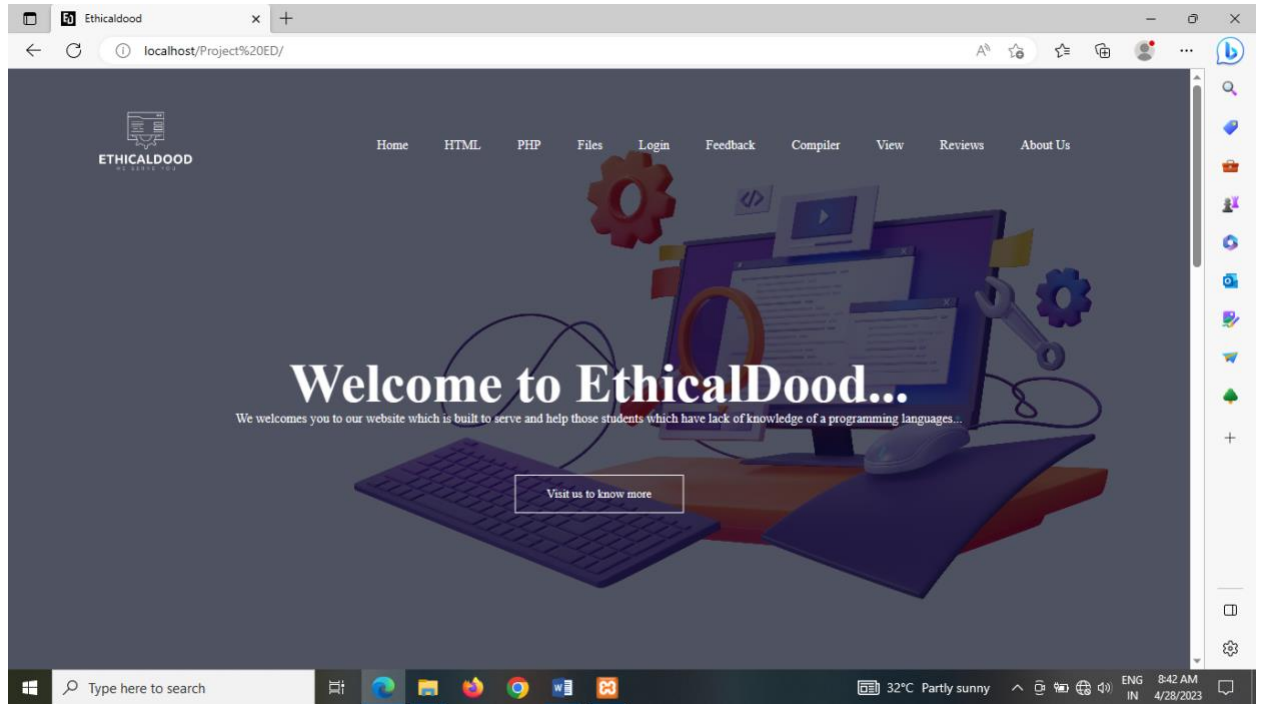
6. Database Name: otp

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

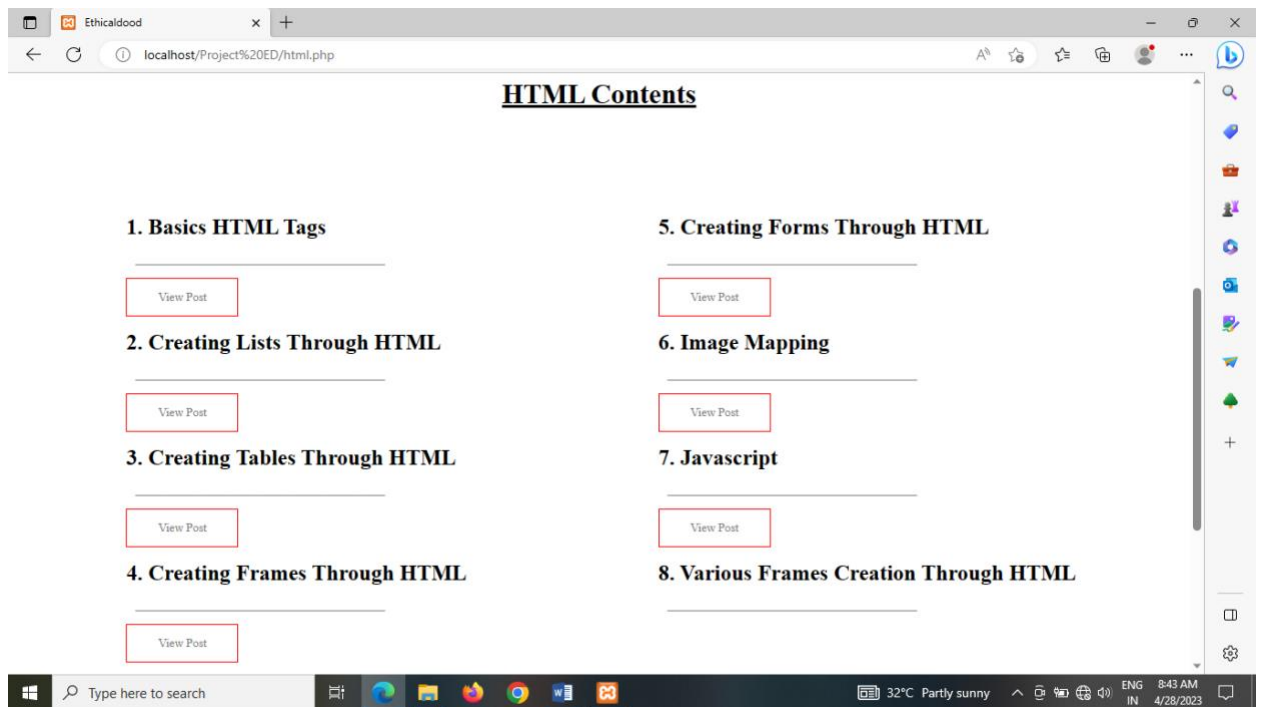
Table Name	No of columns	Type	Width/Length	Constraints
admin_login	2	varchar & email	50-50	Primary key
otp_validation	2	varchar	50-50	Not Null

User Interfaces

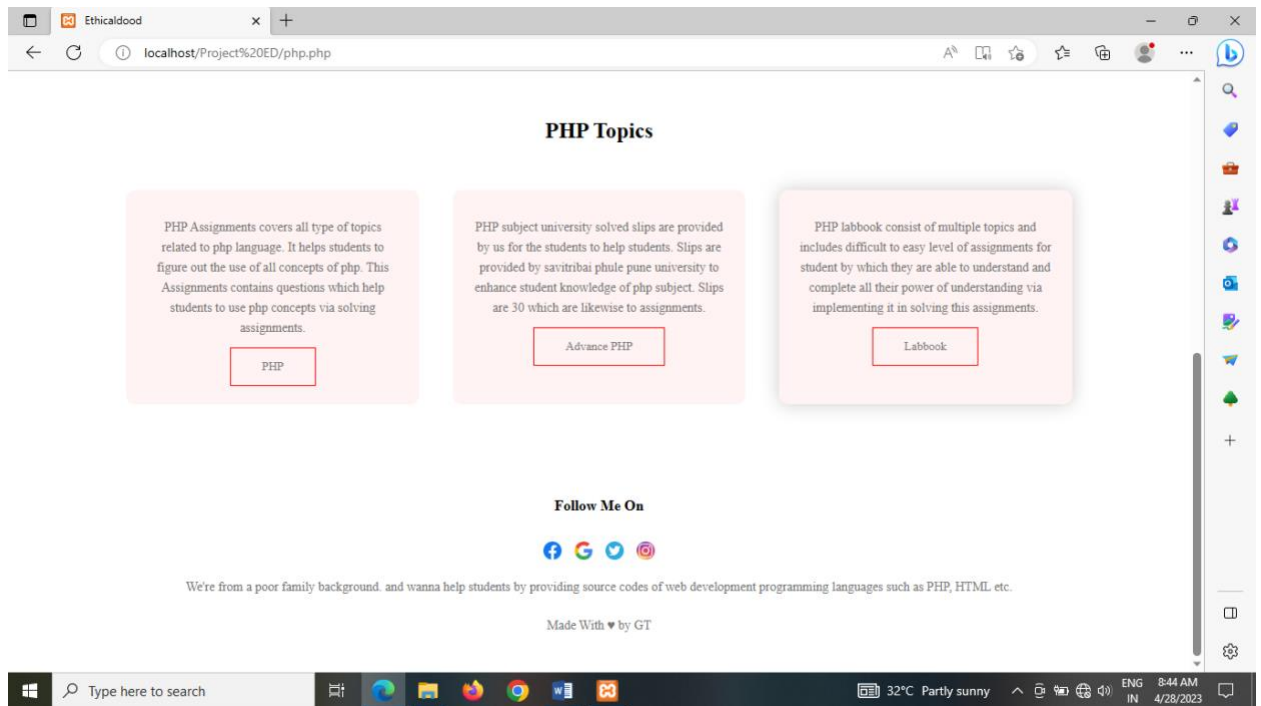
1. Homepage:



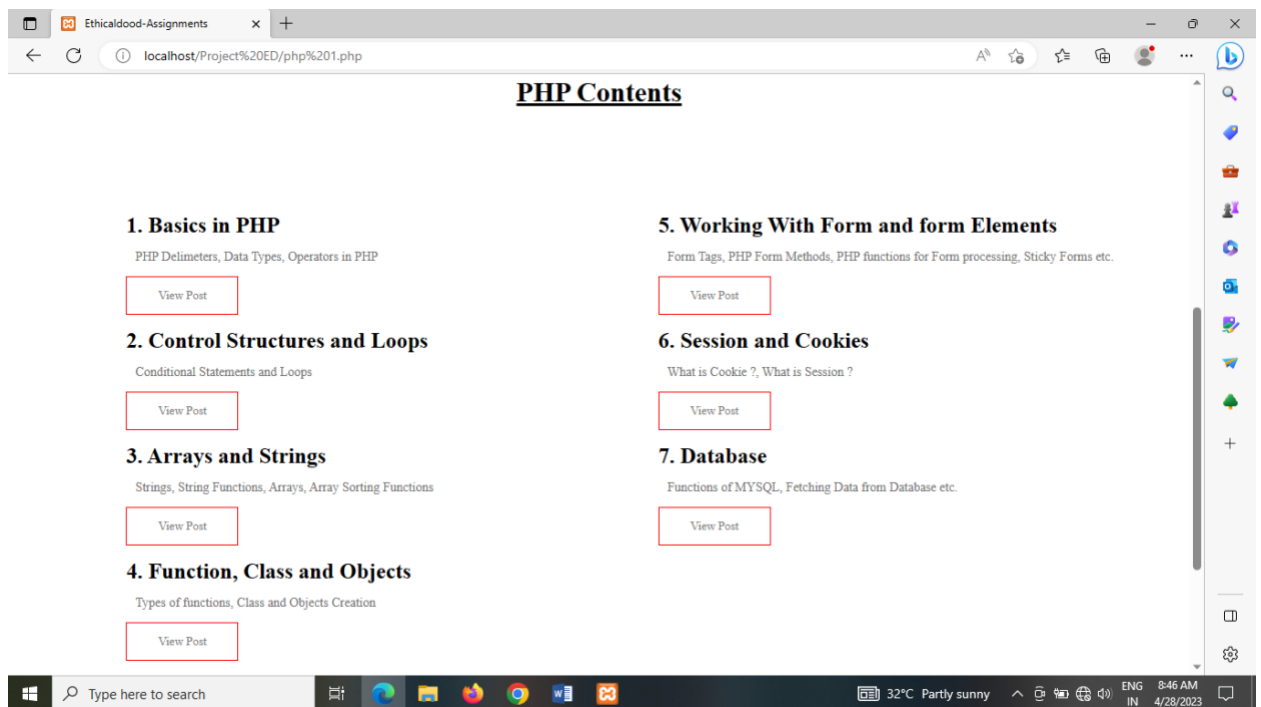
2. HTML Page:



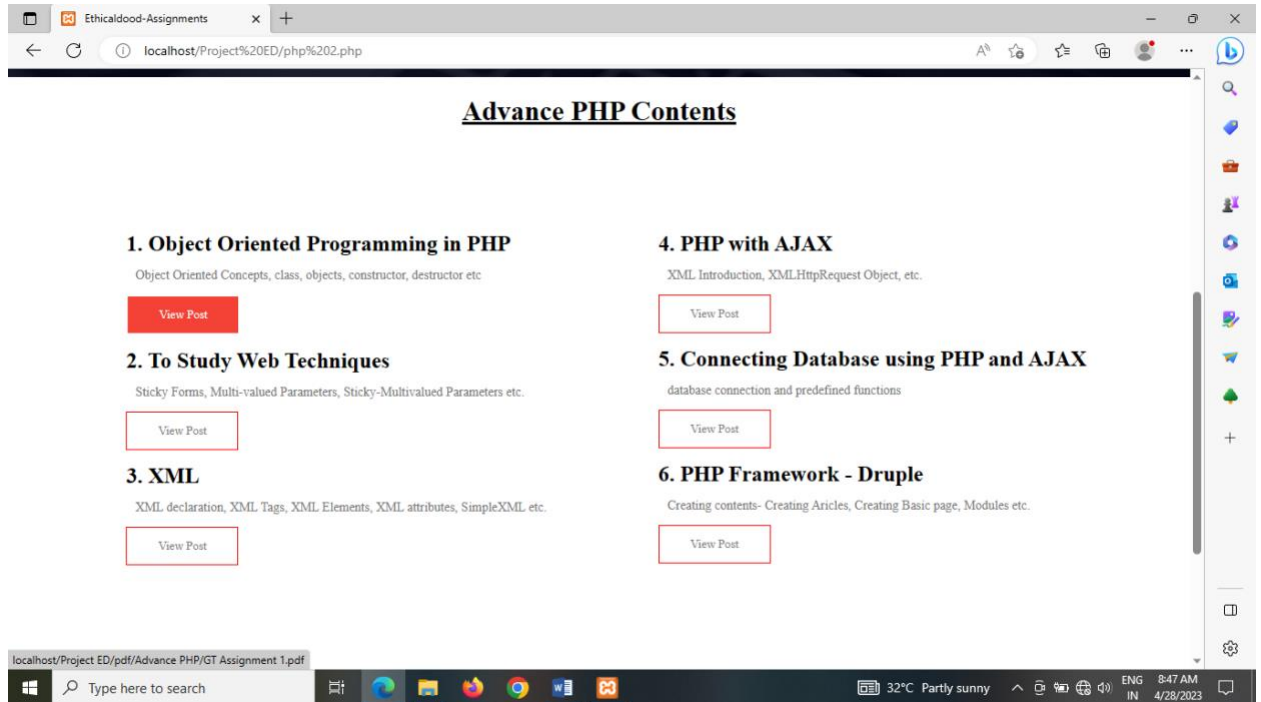
3. PHP Main:



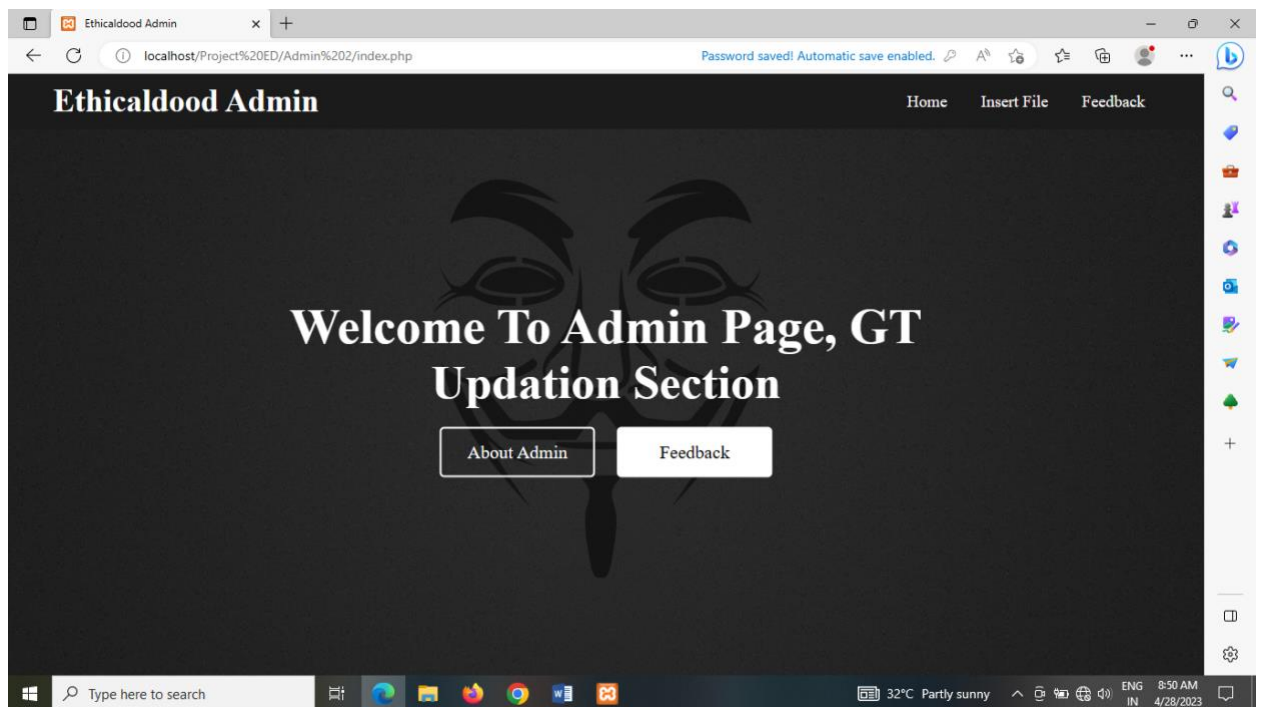
4. PHP:



5. Advance PHP:



6. Admin Side:



Software Hardware Specifications:

Lowest Specification:

Hardware: hard-disk should be greater than 32GB

Processor: Intel core i3(at least 3rd gen).

Operating System: Windows 7

RAM: At least 2GB

Software: necessary software's are xampp 4.5 and above, Internet browsers(i.e, google chrome, ms-edge etc.)

Test Plan

1. Introduction:

- Purpose: The original purpose of this test pan is to deliver a good platform with error free approach.
- 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 form by which Admin get logged in Admin side via providing correct credentials.
- To test the file uplodation system by which Admin can add new contents as per the requirements of himself.
- To test the working of the feedback form is that working properly or not.

3. Test Scope:

- Via testing of buttons user can easily gain the access of the source codes.
- Via testing of admin form admin can easily access the admin side and can handle the overall website.

- Admin can now add new contents in different formats like doc, pdf, and zip file also.
- 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.

4. Test Enviroment:

- It requires min hardware specifications as follows:
 1. RAM at least 2GB
 2. OS version should be greater than or equal to Windows 7
- Needs network specification as follows:
 1. Should be connected to internet via wifi or LAN.
- Software Configurations:
 1. Needs xampp server(MYSQL Database).
 2. Needs Web browser(e.g Chrome, MS Edge etc.)

5. Test Reporting:

- Ethicaldood can provides Online compiler so user can run their programs on the site.
This will help the students to check the errors in source codes and can contact as well as send feedback immediately if any.
- An recommendation for this project is that to evolve its own Embedded compiler which can compile as well as run the code without having internet connection.

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.

2. Cross Check Validation:

Login form comes with username and password fields and password field have a module which is designed in javascript which will help the admin to cross check their given data is correct or not. (i.e password show checkbox)

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.

4. Data type 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.

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.

6. Error handling:

If the operator gives the invalid data and tries to login it will give you an error message that "Access Denied..!".

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 redirecting user fastly to navigate on multiple pages easily.

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.

3. Database Testing:

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

Database Performs operations fast as per the device configurations like (RAM,HDD etc.)

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.

5. Performance testing:

Ethicaldood takes less time to load contents and can navigate users very fastly within the blink of an eye.(Actually it depends on the hardware specifications).

Conclusion

Ethicaldood provide simple and easy source codes. In conclusion, a source code providing website is an important platform for developers to access and share code. Such websites provide a wealth of resources, including code snippets, full projects, and libraries, that help developers to save time, learn from others, and collaborate on projects. These websites also enable developers to showcase their work and contribute to the wider community. When choosing a source code providing website, it is important to consider factors such as the quality of the code, the size of the community, the level of support, and the ease of use. With the right website, developers can improve their skills, solve problems more efficiently, and make valuable connections in the tech community.

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.

Future Scope

The future scope for source code providing project is vast and exciting. With the increasing demand for software development, these websites will continue to be an essential resource for newbies as well as pro's. Here are some potential developments we will see in the future:

1. **Improved Navigations:** As the number of code snippets and projects on these websites continues to grow, better navigating capabilities will be needed to help users to find what they need quickly and easily.
2. **Integration with IDEs:** Integrating these websites with popular Integrated Development Environments (IDEs) could make it even easier for users to access and use code from these platforms.
3. **Greater focus on Feedbacks and reviews:** As admin continuously and work remotely, your all reviews and feedbacks will get readed. On your demand we continuously make what you need.
4. **More security options:** As admin become more conscious of security concerns, these websites may introduce additional measures to protect code from theft.

The future of source code providing Project is bright, and we can expect to see continued innovation and development in this space to better serve the needs users.

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3. Youtube: [@yahoobaba](#)

-----Thank You-----