# VIEWEDO

## ONLINE TUTORIAL SITE

**A PROJECT REPORT SUBMITTED IN PARTIAL**

**FULFILMENT OF REQUIREMENT**

**FOR THE AWARD OF THE DEGREE**

## MASTER OF COMPUTER APPLICATION (MCA)

**OF**

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**BY**

**ALAN AUGUSTINE**

**Reg No: 22PMC105**

MARIAN COLLEGE
KUTTIKKANAM
(AUTONOMOUS)

MAKING COMPLETE

## Marian College Kuttikanam Autonomous

**Peermade, Kerala – 685 531**

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**Under the guidance of**

**Mr. Satheesh Kumar S**

Assistant Professor

PG Department of Computer Applications

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# PG DEPARTMENT OF COMPUTER APPLICATIONS

## Marian College Kuttikkanam Autonomous

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**KUTTIKKANAM – 685 531, KERALA.**

# CERTIFICATE

This is to certify that the project work entitled

# VEHICLE MANAGEMENT SYSTEM

is a bonafide record of work done by

**ALAN AUGUSTINE**

**Reg No: 22PMC105**

In partial fulfillment of the requirements for the award of Degree of

## MASTER OF COMPUTER APPLICATIONS [MCA]

During the academic year 2022-2024

**Mr. Satheesh Kumar S**
Assistant Professor
PG Department of Computer Applications

**Mr Win Mathew John**
Head of the Department
PG Department of Computer Applications

**Examiner**

**Examiner**

# ACKNOWLEDGEMENT

This is to express my deepest gratitude to all those who have extended their timely support and helping hands in completing my project.

First of all, I am extremely grateful to "**God Almighty**", without whose blessing I could not have been able to successfully complete this project.

I express my sincere and profound gratitude to **Dr. Ajimon George**, Principal, Marian College, Kuttikkanam for providing me all the facilities during the period of project.

Words are boundless to express our sincere thanks to **Mr. Win Mathew John**, Head of the Department of Computer Application, for giving me an opportunity to do this project.

I express our greatest gratitude to **Mr. Satheesh Kumar, S** Assistant Professor, , Marian College, Kuttikkanam for his valuable guidance and encouragement forcompleting this project.

With great enthusiasm we express our gratitude to all the faculty and members of Computer Application Department for their timely help, support and encouragement.

Finally, I express my deep appreciation to all our friends and family members for the moral support and encouragement they have given to complete this project successfully.

ALAN AUGUSTINE

# ABSTRACT

Viewedo is a minimalistic web platform that caters to the needs of photo editing enthusiasts. With a focus on simplicity and functionality, Viewedo offers a range of features designed to enhance users' photo editing skills. The platform provides free tutorials and small blogs that cover various aspects of photo editing, allowing users to learn new techniques and tips. In addition, Viewedo offers comprehensive resources to help users understand the basics of photo editing and explore leading software tools in the industry. For those seeking more advanced knowledge, premium tutorials are available for purchase. Viewedo strives to create a user-friendly environment where individuals can acquire valuable skills and elevate their photo editing capabilities.

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# 1. INTROUCTION

## 1.1 PROBLEM STATEMENT

Many people struggle to find a user-friendly online platform for learning photo editing. The current options lack organized courses, guidance, and a place for users to share their own knowledge. This creates a need for a tutorial site that offers a wide range of photo editing software courses, tutorials, and a blog page where users can contribute their own insights as the existing systems doesn't have a dedicated space for it.

As a result, there is a clear need for a tutorial site that addresses these issues and provides a user-friendly learning environment for photo editing enthusiasts. This platform should offer a wide range of courses and tutorials, covering various photo editing software.

## 1.2 PROPOSED SYSTEM

Viewedo is an easy-to-use tutorial site that aims to transform the way people learn photo editing online. With its user-friendly features, Viewedo provides a platform for users to access basic photo editing tutorials, comprehensive photo editing software courses, and engage in socially active learning experience.

## 1.3 FEATURES OF THE PROPOSED SYSTEM

- Responsive website design.
- User-Friendly navigation.
- Tutorial videos and step-by-step documentation
- User blog and Comment section
- Administrative Dashboard.

# 2. FUNCTIONAL REQUIREMENTS

## FUNCTIONAL REQUIREMENTS

1. **User Registration:** Users should be able to register and create an account in the system.
2. **User Login:** Registered users should be able to log in to their accounts using their credentials.
3. **Basic Tutorials:** Users should be able to search and view different tutorials of basic photo editing.
4. **Tutorials for Software's**: Users should be able to view courses or tutorials based on top photo editing software's.
5. **User Blog:** users should be able to post and read others blogs about provide tips and tricks of photo editing.
6. **Comment Section:** Users can add comments under every tutorial or course.
7. **Admin Dashboard:** An administrative dashboard should be available for system administrators to manage and add tutorials and course's and user accounts.

# 3.NON FUNCTIONAL REQUIREMENTS

**NON-FUNCTIONAL REQUIREMENTS**

The non-functional requirements for this website are:

- Usability: The proposed website is simple, provides enough insight about features and packages, interactive, lets user select packages and schedule pick-ups and all this data is stored in the database.
- Reliability: The system must perform without failure in 95 percent of use cases during a month.
- Maintainability: The mean time to restore the system (MTTRS) following a systemfailure must not be greater than 10 minutes. MTTRS includes all correctivemaintenance time and delay time.
- Availability: Describes how likely the system is accessible to a user at a given pointin time. A user-friendly system with global accessibility should be availablearound-the clock. In the event that the database is corrupted or the hardware fails,a replacement page will appear. Additionally, a database backup should be kept incase of hardware failure or database corruption.
- Security: Database should be backed up every hour. Under failure, system should be able to come back at normal operation under an hour. All data must be stored, protected, or protectively marked.

# 4.THIRD-PARTY LIBRARIES

## THIRD-PARTY LIBRARIES

Third-party applications and libraries in Django are pre-built components or packagesdeveloped by the community or other companies that you can use to extend the functionality of your Django projects. These libraries provide pre-built solutions for common tasks, saving developers time and effort in implementing certain features fromscratch. They are designed to seamlessly integrate with Django and follow its best practices.

Third-party libraries can be installed using package managers like pip, and they usuallycome with their own documentation and examples to guide developers in their usage. These libraries can cover a wide range of functionalities.

The third-party libraries used in this project are:

- **Django jazzmin:** Django Jazzmin is a third-party library for Django that provides an improved admin interface. It is a modern, responsive, and customizable replacement for Django's default admin interface, a drop-in app to jazz up your Djangoadmin site, with plenty of things you can easily customize, including a built-in UI customizer.

- **Django Pillow**: Django Pillow is a powerful tool that integrates the Python Imaging Library (PIL) with Django. By using Django Pillow, developers can seamlessly work with images in their Django projects.

# 5.FEATURES AND HIGHLIGHTS

# FEATURES AND HIGHLIGHTS

- **User Registration and Login:** Users will have the ability to create accounts and securely log in to the system, ensuring personalized access to the platform.

- **Basic Photo Editing Tutorials:** Viewedo provides easy-to-follow tutorials for beginners, covering fundamental photo editing techniques. These tutorials are designed to help users develop a strong foundation in photo editing skills.

- P**hoto Editing Software Courses:** Viewedo offers comprehensive courses on popular photo editing software such as Photoshop, Lightroom, and VSCO. These courses cater to users with different skill levels, from beginners to advanced users.

- **User Blogs:** Viewedo allows users to create and share their own short blogs. This feature provides a space for users to share their photo editing experiences and provide tips and tricks to the community.

- **Comment Section:** Each course on Viewedo includes a comment section where users can interact and ask questions. This creates a collaborative learning environment, allowing users to engage with fellow learners.

- **Paid Courses:** In addition to free content, Viewedo offers premium paid courses for users who want to dive deeper into advanced photo editing techniques. These paid courses provide exclusive access to in-depth tutorials and resources.

- **ADMIN:** Admin can create, manage and delete tutorials courses blogs and user's. all courses and their content is added by the admin.

# TECHNICAL ASPECTS

**Presentation Layer:**

- User Interface (UI): This layer includes the components that interact with users, such as web pages or mobile app screens.
- Django Templates: Django's built-in template engine allows you to define HTML templates that render dynamic content and interact with the back end.

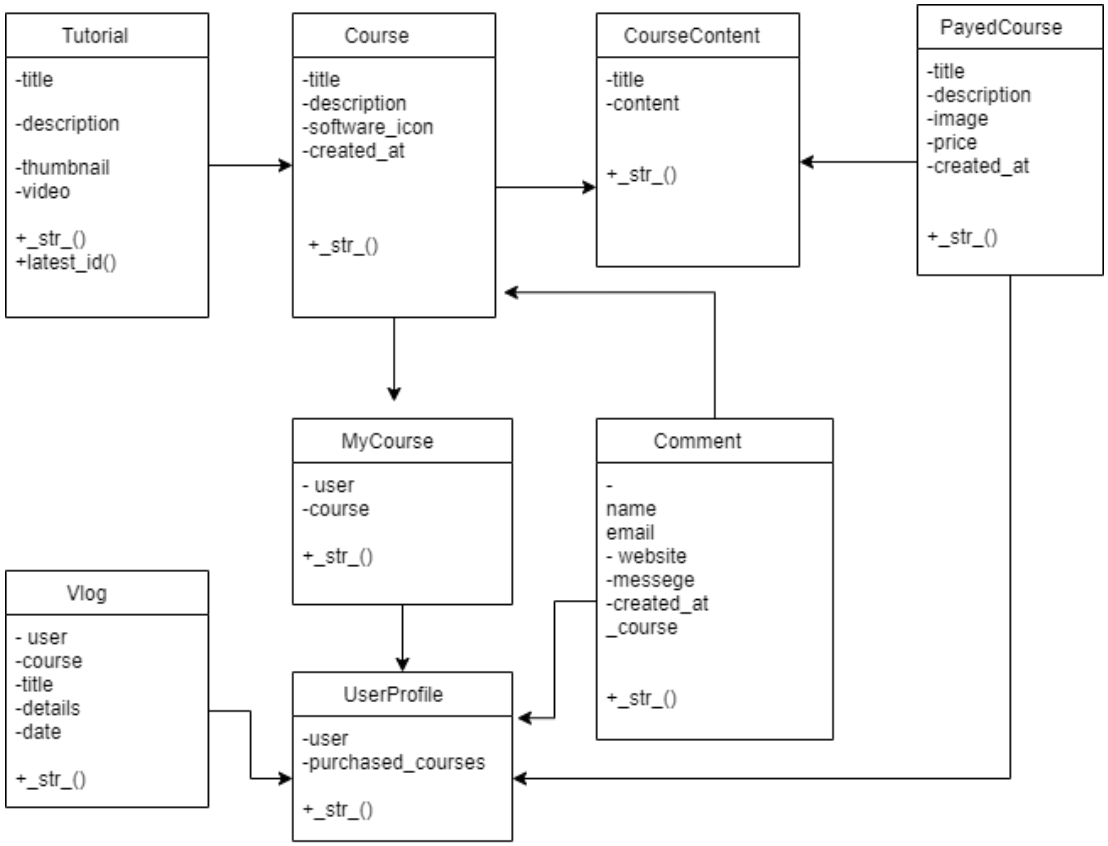
**Application Layer:**

- Django: Django serves as the back-end framework, handling HTTP requests, routing, and managing the application's business logic.
- Django Views: Views receive requests from the user interface, process data, and generate appropriate responses. They interact with models, services, and external APIs as needed.
- Django Forms: Forms handle user input validation and data submission, allowing users to input and update travel-related information.

# 6.DATABASE

# CLASS DIAGRAM

# CLASS DIAGRAM



# 7.CHALLENGES FACED

## 1. User Interface Design:

Designing a user-friendly interface that accommodates various functionalities and ensures a seamless user experience for users and administrators requires careful planning.

## 2. Coding the logic

Finding the best logic for each of the function was difficult. Had to seek help from various sources to get the best solution.

## 3.Payment Integration

Payment integration was rather a key challenge for paid courses in viewed. Showing content only after payment was difficult for paid courses.

## 4. Security and Authentication:

Implementing security measures to protect user data, prevent unauthorized access, and ensure secure authentication for users and administrators is crucial but can be challenging due to the need for secure encryption, authentication protocols, and access controls.

**5.Testing and Quality Assurance**:

Thoroughly testing the system to identify and fix bugs, as well as ensuring its reliability, can be a significant challenge. Implementing unit tests, integration tests, and conducting usability testing can help ensure the system functions as expected and meets user requirements.

# 8. FUTURE ENHANCEMENTS

## 1. Certified Courses:

To further enhance the credibility and value of the courses offered on Viewedo, a future enhancement could be the addition of certified courses. These certified courses would provide users with official recognition of their skills and knowledge in photo editing, which can be beneficial for their professional development.

## 2. Online Photo Editing Platform Integration:

Integrating an online photo editing platform directly into Viewedo would be a valuable feature. This would allow users to practice their skills within the platform itself, without the need to switch between different software applications. Providing a seamless editing experience within Viewedo would enhance user engagement and convenience.

## 3. AI-Powered Recommendation Engine:

Implement an AI-powered recommendation engine that suggests relevant courses or tutorials based on the customer's learning history, preferences, and usage patterns. This can enhance customer satisfaction.

## 4. Mobile Application:

Develop a mobile application for the Viewedo system to allow users to easily access tutorials. Users can even use offline mode to read or study tutorials.

## 5. Community Challenges and Contests:

Viewedo can organize fun challenges and contests within the community. Users can participate by showcasing their photo editing skills and submitting their work. This creates a sense of community spirit and encourages users to interact and share their talents. Instructors and fellow users can provide feedback and recognition, making it a rewarding experience for everyone involved.

# 9. CONCLUSION

# CONCLUSION

In conclusion, Viewedo is a user-friendly tutorial site that aims to help people learn photo editing easily. It offers a wide range of courses and tutorials for beginners and experienced users. With features like "My Courses" and a blog page, users can personalize their learning and share their knowledge with others.

Viewedo also encourages community engagement through challenges and contests, where users can showcase their skills and receive feedback. The platform is constantly evolving, with plans to introduce certified courses, an integrated editing platform, and fun elements.

Overall, Viewedo is committed to providing a supportive and rewarding learning experience for photo editing enthusiasts. Whether you're just starting out or looking to improve your skills, Viewedo is here to help you become a proficient photo editor.

# 10. REFERENCES

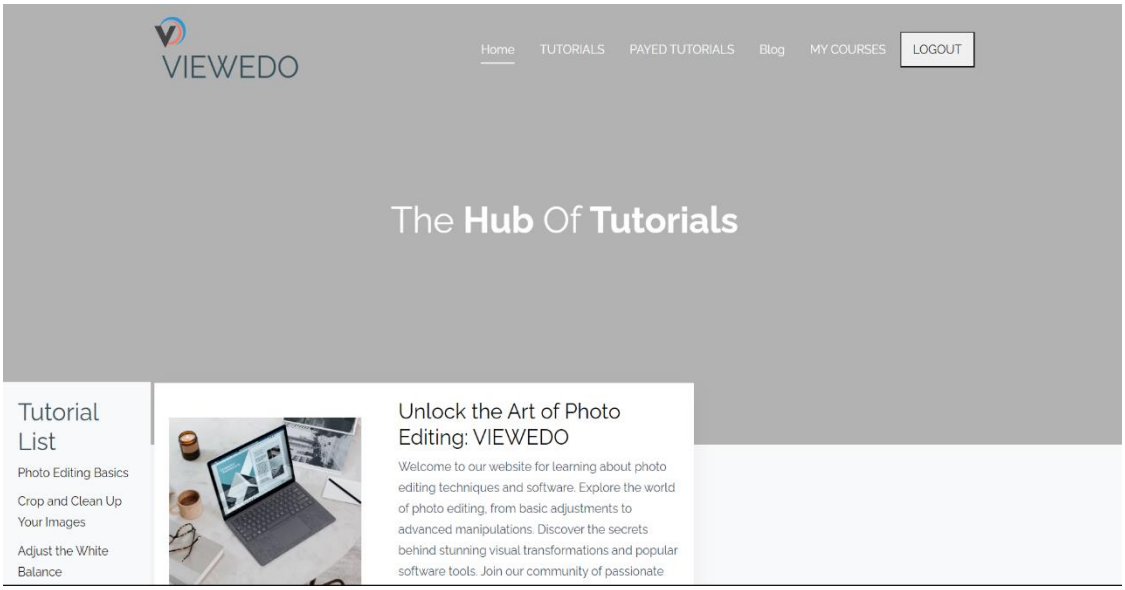
## REFERENCES

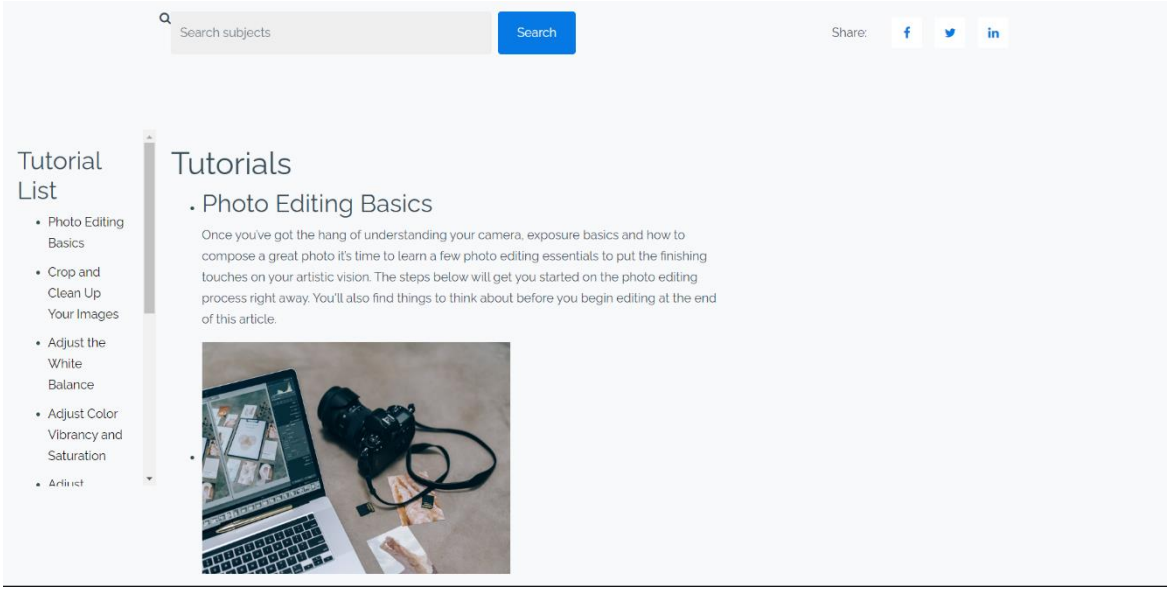

- https://www.educba.com/design/design-tutorials/photoshop-tutorial/
- https://www.youtube.com/watch?v=WrZ10AZYbv4&list=RDCMUC7dD1bOWXiJH3lJLsTInxOQ&start_radio=1&rv=WrZ10AZYbv4&t=0
- https://docs.djangoproject.com/en/4.2/
- https://django-jazzmin.readthedocs.io/

# 9. ANNEXURE

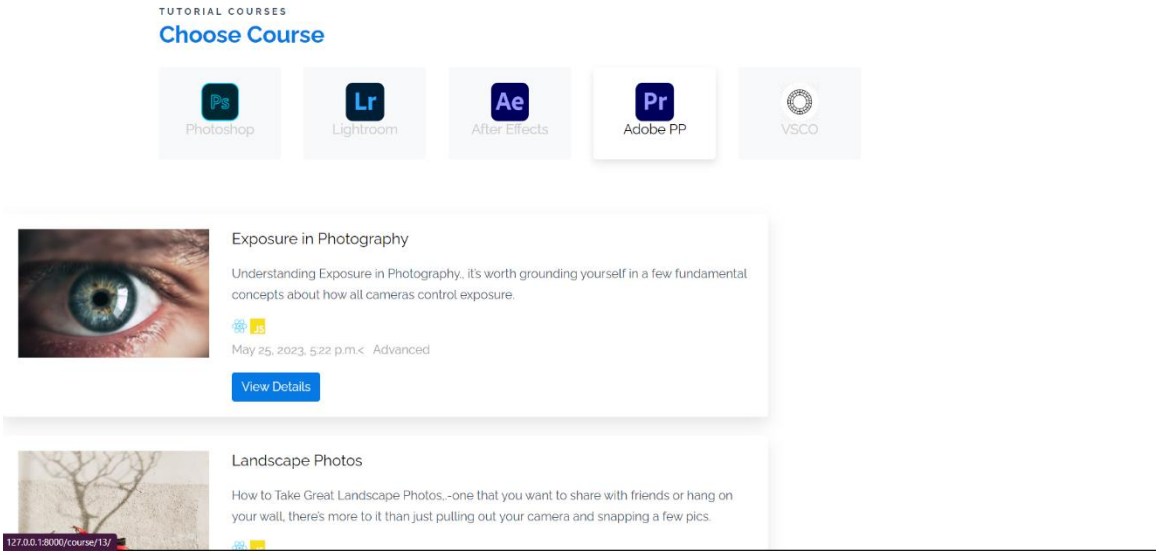
# Screen Shots

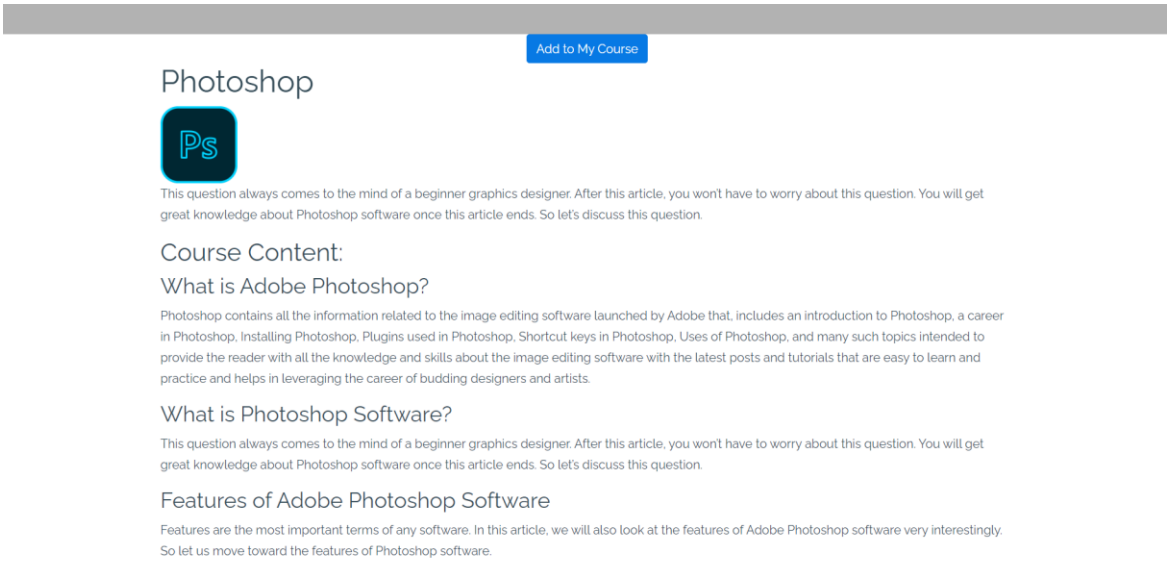
INDEXPAGE: index page provides navigation and common tutorials of photo editing and video tutorials.



Free Tutorials: Free tutorials of famous software's and contents which is free



Paid Courses: Paid courses before and after payment.

## Frame Your Subject

Framing is a compositional technique where you include things in your image that create a frame around your subject to add emphasis. For example, when you're taking a picture, you can include trees.

Price: $1999.00

Buy Course

You need to purchase the course to access the content.

How to Use The Rule of ThirdsThe rule of thirds is one of the most basic compositional techniques

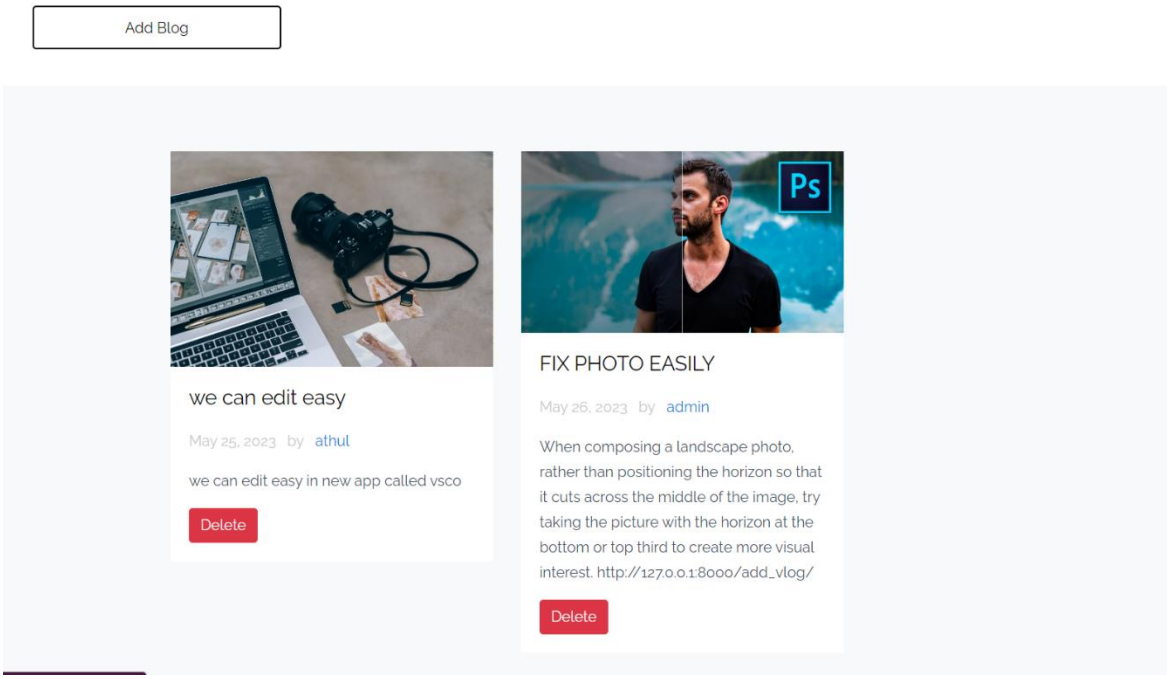
Price: $1299.00

### Course Content:

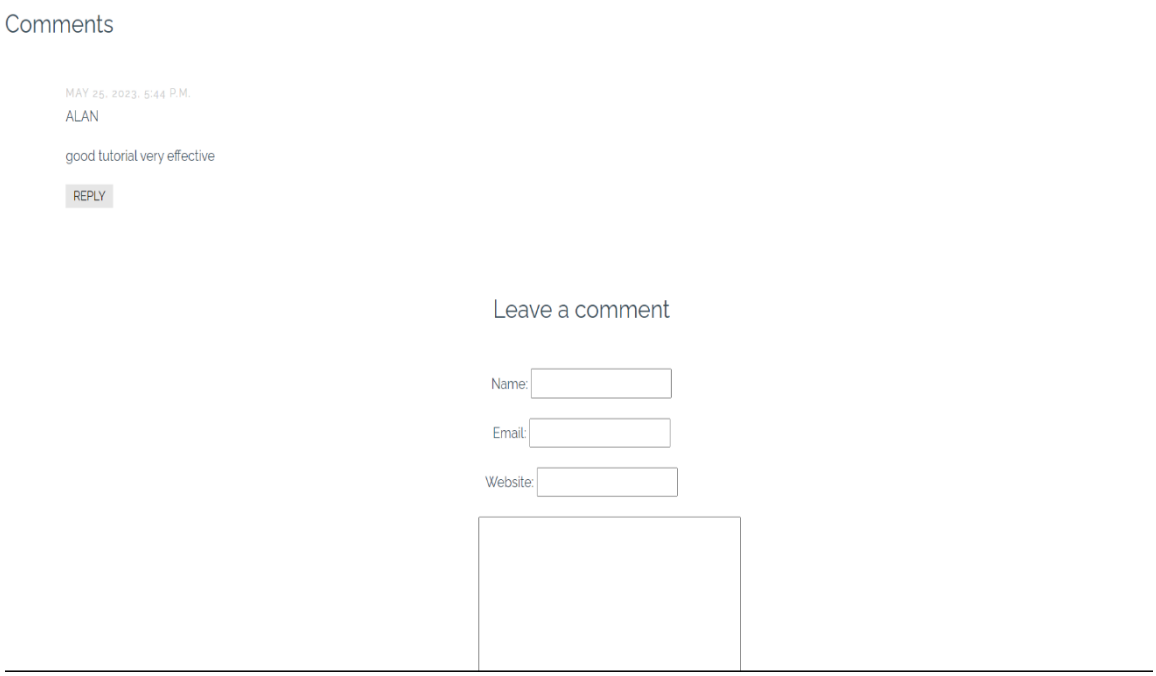
#### How to Use The Rule of Thirds

The rule of thirds is one of the most basic compositional techniques in photography and is an easy way to boost the quality of your images. To use it, you simply need to mentally break up your image into thirds vertically and horizontally with gridlines and position the subject(s) of your photo either along the lines or at the intersection of two lines. This will create a more balanced and visually interesting picture. To make this really easy, many cameras allow you to display a grid in the viewfinder and/or on the LCD screen so you can quickly compose images with the rule of thirds in mind.

Blogs: Where users can add small blogs

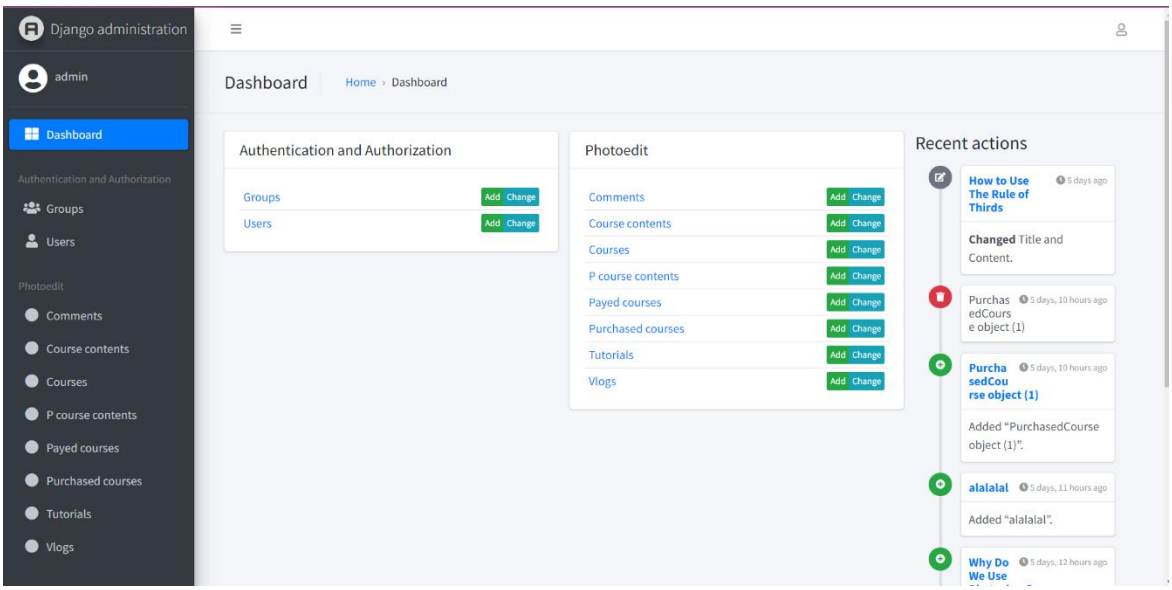



Comment Section under each course : users can ad comments under each course

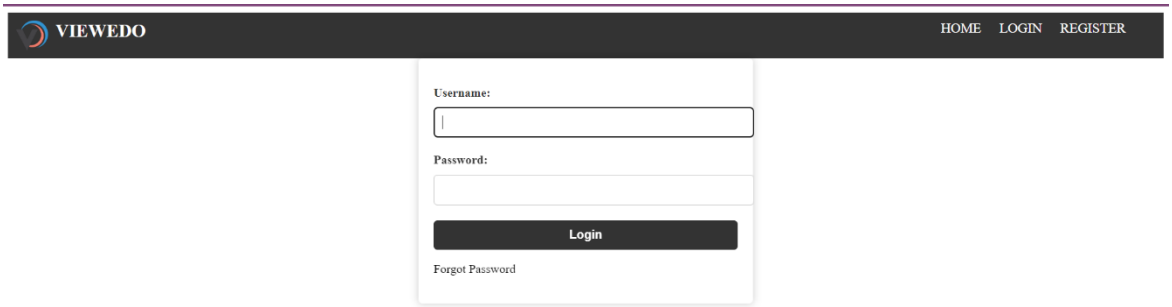


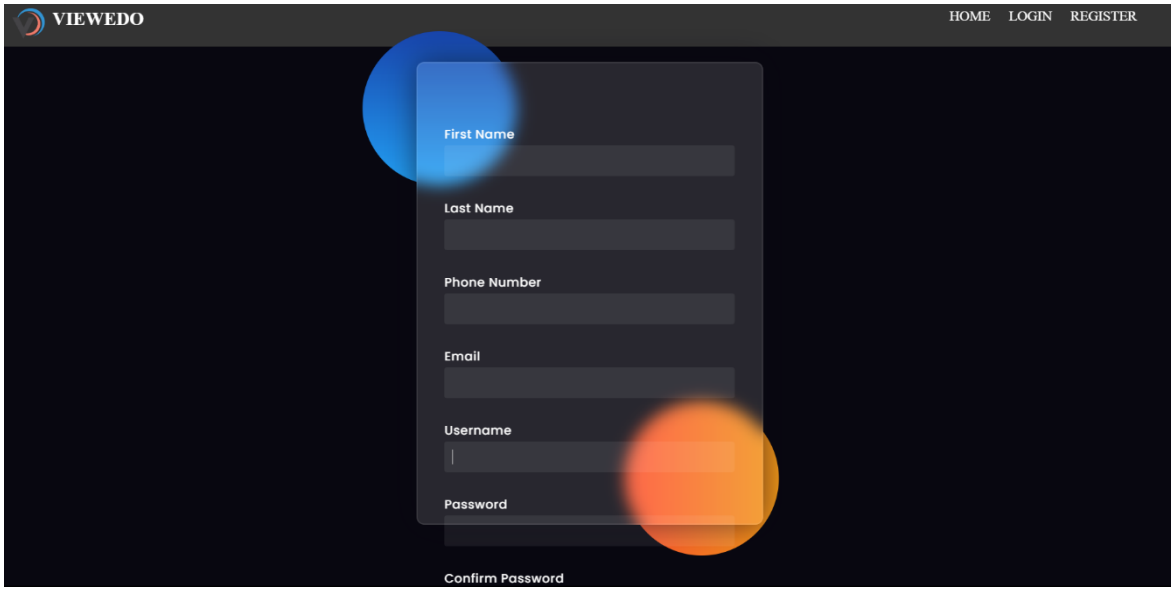
My Courses: My courses where users can add courses and

ADMIN DASHBOARD



LOGIN




REGISTRATION PAGE