# MINI PROJECT - CSD 334

## GROUP 7


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# TOPIC 1 : PROJECT APPROVAL SYSTEM

A Project Approval System is typically a process or software solution used by organizations to manage and streamline the approval of new projects, ensuring that all necessary stakeholders evaluate, authorize, and prioritize initiatives before they are initiated

## ADVANTAGES OF EXISTING SYSTEM :

- Improved Efficiency and Speed
- Centralized Information
- Better Resource Management

## DISADVANTAGES :

- Cost of Implementation and Maintenance
- Risk of Data Overload
- Limited Flexibility
- User Experience (UX) Challenges

## ***PROPOSED SYSTEM :***

To address the disadvantages of existing project approval systems and enhance their effectiveness, a new system can be proposed with innovative features and improvements to overcome the key challenges. This proposed system aims to provide a more user-friendly, flexible, efficient, and integrated solution, while focusing on automation, ease of use, scalability, and real-time collaboration.

### BENEFITS :

- Enhanced User Interface and Experience (UX)
- Collaboration and Real-Time Communication
- Reduces Delay by Organizing Requests
- Track Progress

# TOPIC 2 : AUTOMATED REMAINDER SOFTWARE FOR POLLUTION TESTING IN VEHICLE

An Automated Reminder Software for pollution testing in vehicles helps vehicle owners stay compliant with emissions testing regulations by sending timely notifications. This ensures adherence to pollution control norms and avoids fines for expired certificates.

## ADVANTAGES :

- Timely Notifications
- Convenience for Vehicle Owners
- Environmentally Friendly
- Maintains digital records of pollution test due dates

## ***PROPOSED SYSTEM :***

The proposed Automated Reminder System for Vehicle Pollution Testing is a digital platform designed to streamline and automate the process of notifying vehicle owners about upcoming pollution control certificates deadlines. It ensures compliance with environmental regulations by utilizing modern technologies to provide timely, user-friendly, and reliable notifications.

### BENEFITS :

- Timely reminders reduce delay in pollution testing
- Saves costs related to fines and manual record-keeping
- Personalized Notifications
- Real-Time Tracking

# TOPIC 3 : WILD ANIMAL DETECTION AND ALERT SYSTEM

The Wild Animal Danger Alert System is a proactive solution designed to enhance human safety by detecting and alerting individuals about potential threats from nearby wildlife. Utilizing advanced technologies such as GPS trackers, motion sensors, and real-time monitoring, the system identifies the presence and movements of wild animals in high-risk areas

## ADVANTAGES OF EXISTING SYSTEM :

- Enhanced Safety for Humans
- Minimizes conflicts by creating awareness in high-risk areas
- Real-Time Monitoring
- Alerts based on the level of danger

## DISADVANTAGES :

- High Implementation Costs
- Limited Coverage in Remote Areas
- False Alarms by non-threatening animals or environmental factors

## ***PROPOSED SYSTEM :***

The proposed system focuses on leveraging images as the primary input for wildlife threat detection. It addresses the challenges associated with accuracy, scalability, and reliability of image-based systems while ensuring ease of deployment and maintenance.

### BENEFITS :

- Image-Based Detection
- Real-Time Alerts
- Combine with other system
- User-Friendly Interface
- Cost-Effective