

A Mini Project Synopsis on

E-Diary

S.E. - I.T Engineering

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CERTIFICATE

This is to certify that the Mini Project report on **E-Diary** has been submitted by Kaushik Prabhu Nerurkar (21104016), Riya Patel (21104141), Amogh Parulekar (21104001) and Ajit Pawar(21104054) who are Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in a satisfactory manner as per the curriculum laid down by the University of Mumbai.

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Chapter 1: **Introduction**

E-Diary is a project that aims to provide a digital platform for users to manage their tasks. It is a comprehensive tool that allows users to track their progress, and manage their day-to-day activities.

The project focuses on providing an easy-to-use interface for the user to access their information. People often need information while on the go. Sometimes the information required is essential to the task at hand, people use a variety of strategies to find a way to do their tasks efficiently. The E-Diary System helps them to set down their tasks at a place and add notes to it

It helps them save time and effort by organizing their tasks and activities in one place. It also helps them track their progress and stay on top of their goals.

The system would be having a login system for user login. User can log in and update/delete/create notes.

Purpose

The main need of the system is to help the user manage their daily tasks/help users to set goals for the day/create notes for their tasks according to their needs. The system will have an easy-to-interact interface so that even a novice user can use it without any problems.

Objectives

- To be designed with the aim of providing a user-friendly, intuitive experience for all users, regardless of their level of technical knowledge.
- To have a platform that will be optimized to ensure the best possible performance and user experience, while also providing a modern and aesthetically pleasing layout.
- To have an attractive, user-friendly, and Secure Login page.
- The primary goal of the E-Diary is to improve productivity and help them reach their goals.

Scope of the project.

- To provide a comprehensive and user-friendly interface for users to track their progress all in one place.
- To have secure usage for the user.
- To have an attractive interface for the user.
- To create a handy website for the user.

Chapter 2:

Problem Definition

Storing the tasks/notes manually using a diary is a difficult task, as managing or searching in it or editing/updating it. It is a very time-consuming and laborious process. The diary can be lost or gets dirty then it can be an issue for the person to find the needy things for it.

Proposed solution

- This project system excludes the need of maintaining paper and thus saves paper.
- It helps users to electronically create the notes/update/delete
- The system will be user-friendly so that it can be of ease for the user
- Thus, it saves human efforts and resources.

Chapter 3:

Proposed System

The conventional method of writing a diary is not so effective; one must write it then if it's lost it's the writings are gone. Our System helps the user to manage their diary in an electronic manner. Thus it saves time in managing, bookmarking, searching, and updating. This helps increase the productivity of the user and thus overcomes the conventional issues of managing a diary. It helps the user to create a virtual diary. In order to solve this issue, a web-based computerized system is essential.

This proposed E-Diary System project overcomes all these drawbacks with the features. It is beneficial to the users. The working speed and performance of the software is faster with high performance which saves time.

Features / Functionality

- E-Diary offers a range of features that make it a powerful tool for users.
- The design of it will be modern with a focus on simplicity and ease of use. All features will be easy to find and use.
- It helps the user to create a note to set goals or help track their progress.
- It offers a secure login to the user.
- The E-Diary can be accessed by multiple users.
- The user can create a category and add their tasks to it.
- The E-Diary has themes like dark, semi-dark, and light to comfort your eyes as per use.

Chapter 4

Project outcomes

- The platform will give users a powerful tool to track their progress.
- The E-Student Diary project enables users to easily access and organize their data and achieve their goals.
- The project should have a secure login.
- Users can access the features provided to ease their task.
- To help increase efficiency.

Chapter 5

Software Requirements

Development: PyCharm IDE

PyCharm is used for the development.

Frontend: HTML, CSS, Python

HTML, CSS, Python was used for frontend development.

Backend: SQLITE3

SQLITE3 is used for storing data.

Chapter 6:

Project Design

The Following are the snapshots of the GUI of the project:



Fig 1.1 Registration/Login Page

Here the user can choose to register if he is new to the system or else login using the credentials.

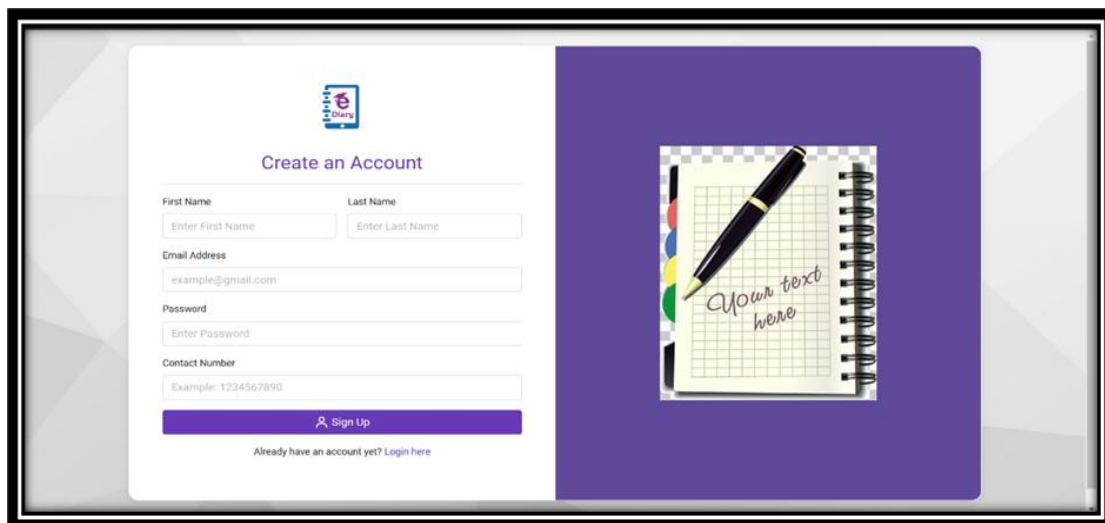


Fig 1.2 Registration Page
Here the User can register themselves

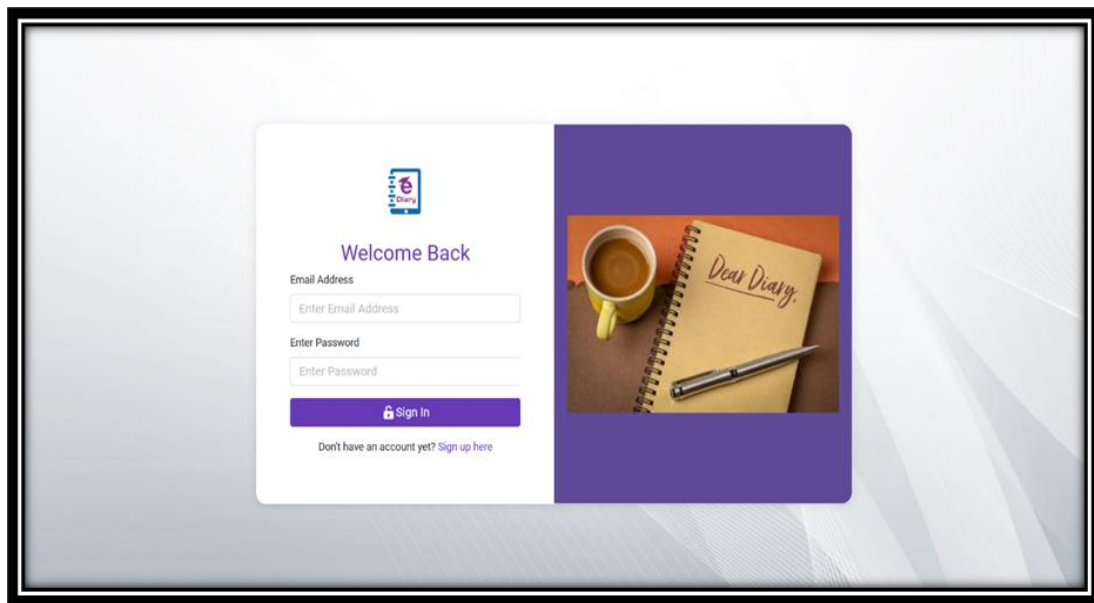


Fig 1.3 Login Page

Here, the user can log in using their credentials.

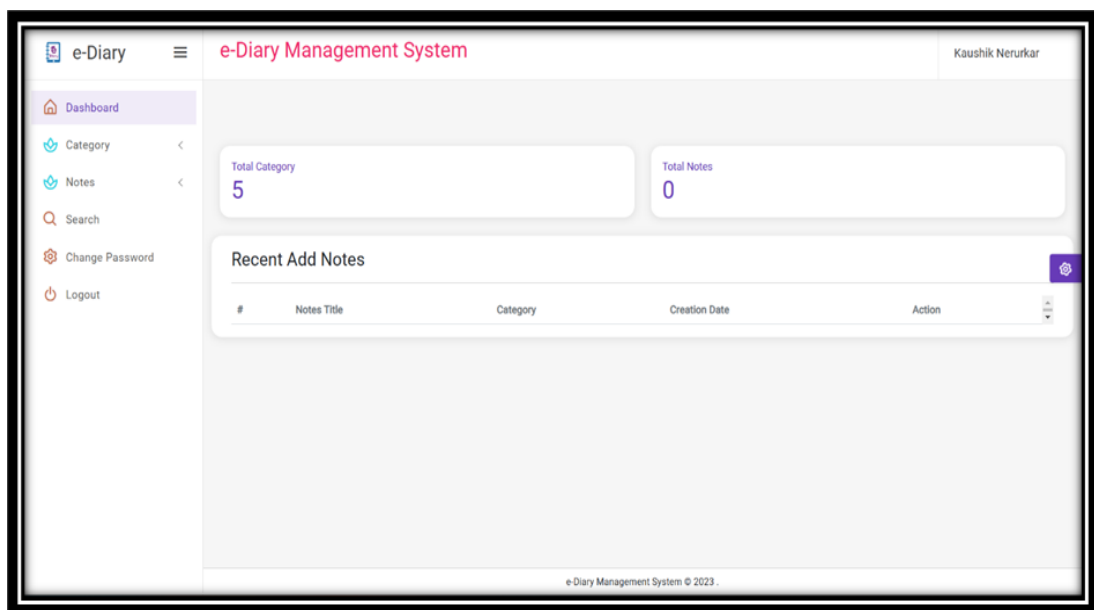


Fig 1.4 User's Home Page

User Lands on this page after login.

e-Diary Management System

Kaushik Nerurkar

Profile > Update Profile

Update Profile

First Name	Last Name
<input type="text" value="Kaushik"/>	<input type="text" value="Nerurkar"/>
Mobile Number	Email Id
<input type="text" value="9372551438"/>	<input type="text" value="kaushik020603@gmail.com"/>
Registration Date	
<input type="text" value="Feb. 13, 2023, 11 a.m."/>	

e-Diary Management System © 2023

Fig 1.5 Update Profile Page

Here the user can update their profile

e-Diary Management System

Kaushik Nerurkar

Change Password > Change Password

Change Password

Current Password
<input type="text" value="Enter Current Password"/>
New Password
<input type="text" value="Enter New Password"/>
Confirm Password
<input type="text" value="Enter Confirm Password"/>

e-Diary Management System © 2023

Fig 1.6 Change Password Page

Here, the user can change their password.

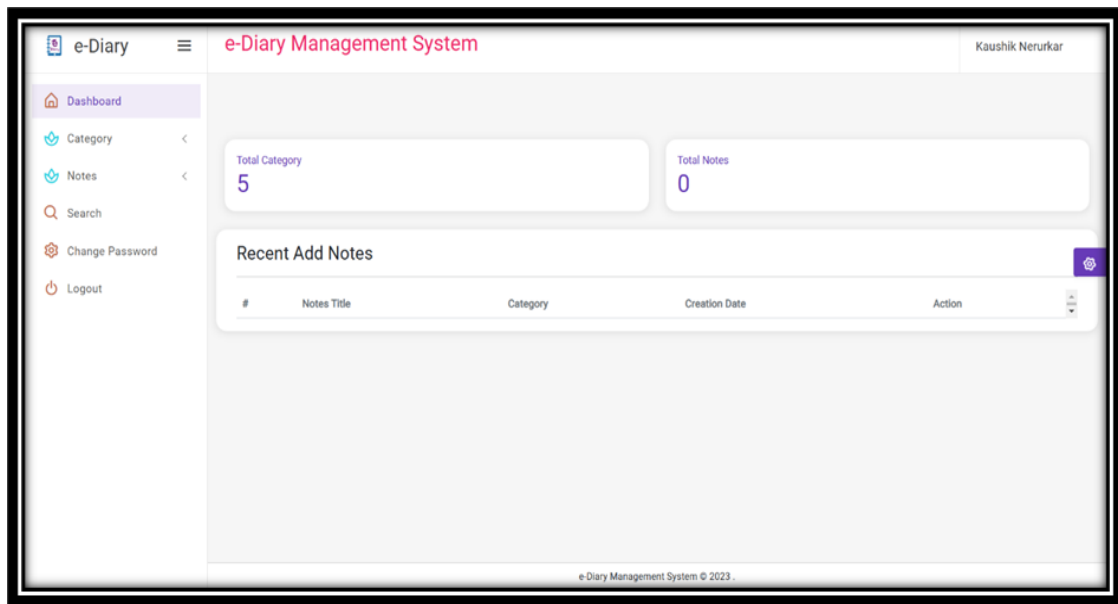


Fig 1.7 Dashboard Page

This is the Dashboard page for the user

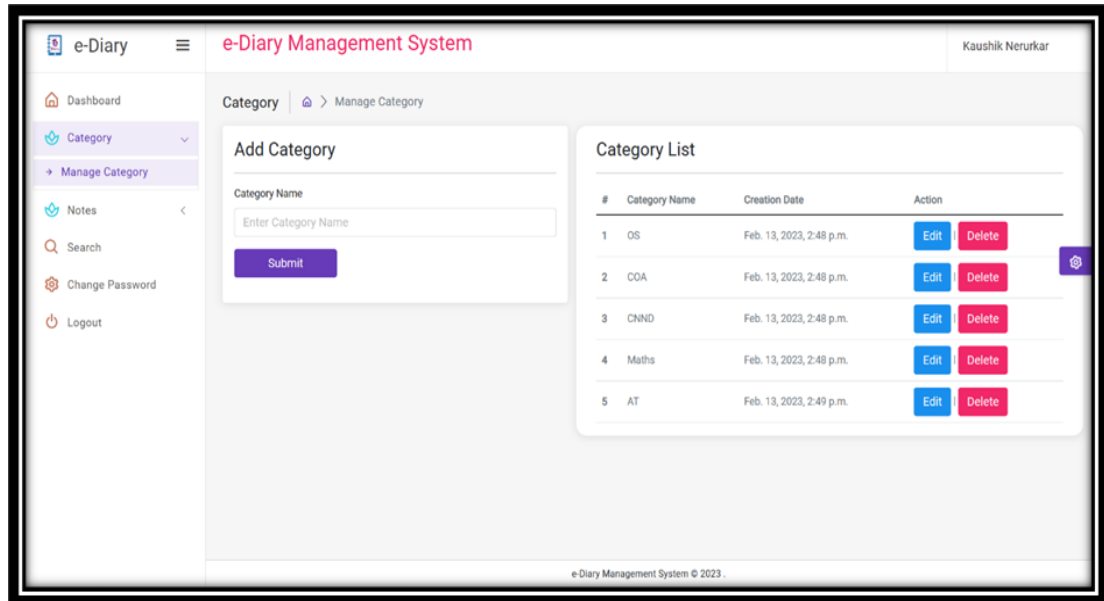


Fig 1.8 Add/Manage Category Window

Here, the user can add/manage category for the notes

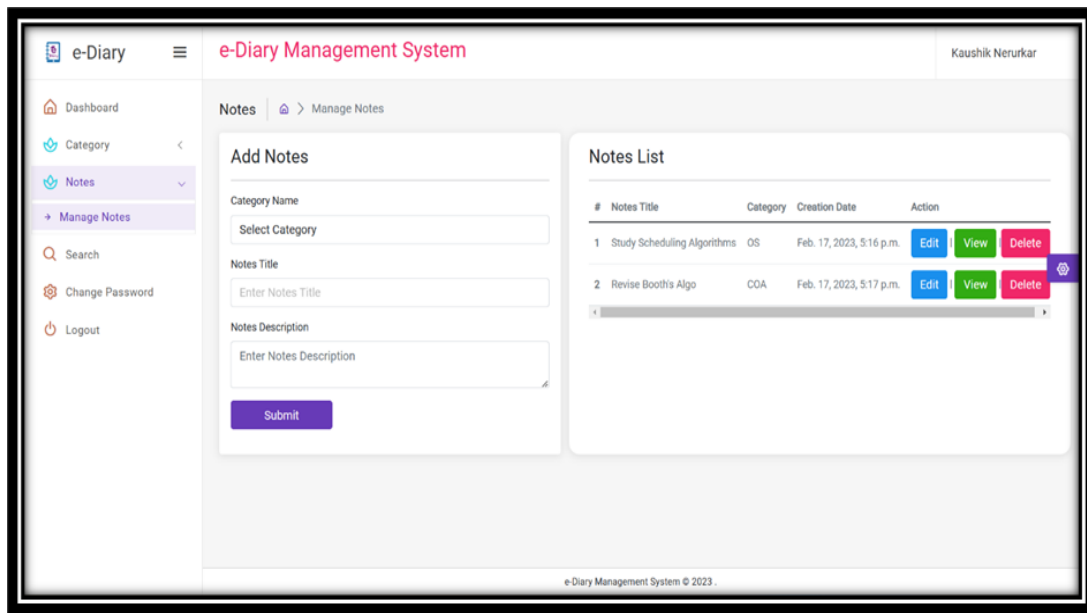


Fig 1.9 Add/Manage Notes Window

Here, the user can add/manage/view their notes

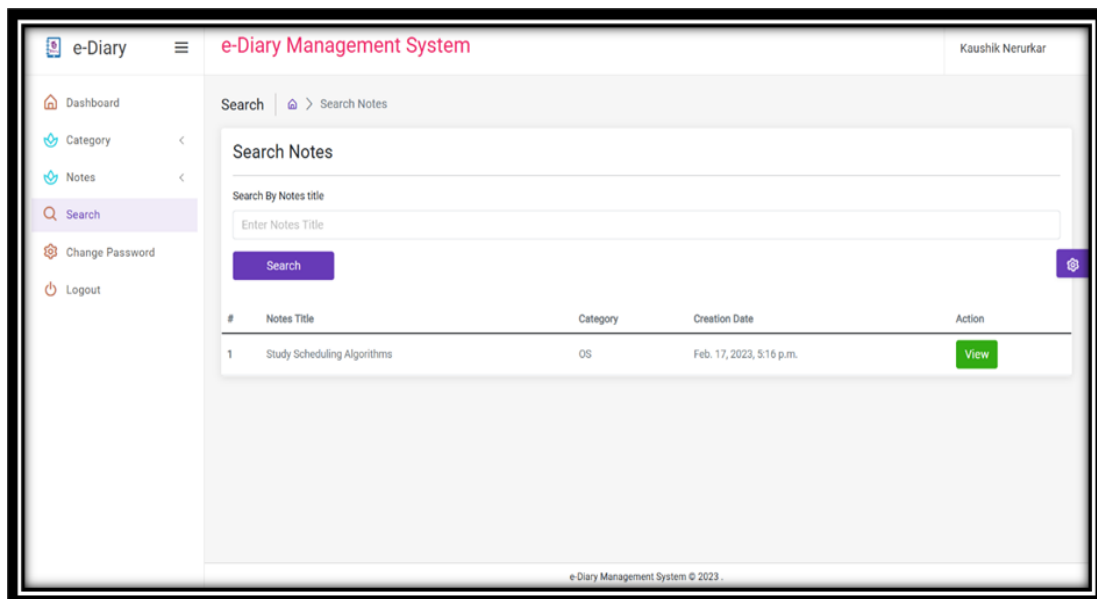


Fig 1.10 Search Notes Window

Here, the user can search notes they have added.

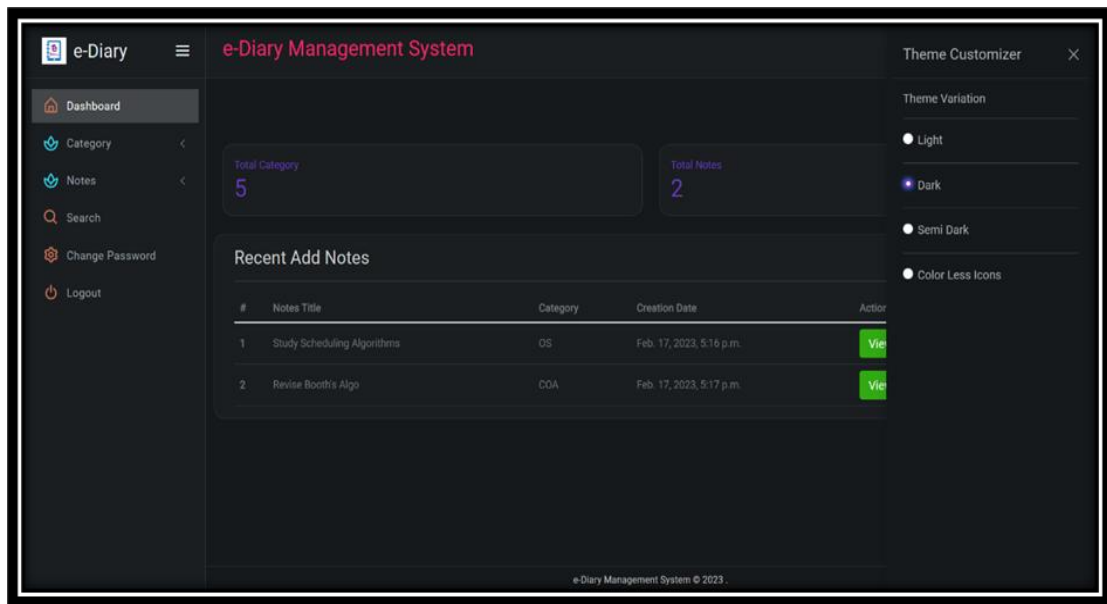


Fig 1.11 Change Theme Button

Here, the user can change the theme according to their eye comfort level so it doesn't hurt their eyes for much use.

Chapter 7:

Conclusion

E-Diary is a powerful tool that helps users to manage their academic and personal life. It provides a range of features to help users track their progress, plan their goals, and manage their day-to-day activities.

The project also takes security and privacy seriously, and includes a range of safety and privacy features to ensure the security of data and information.

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