Web Development(IT629)

Project Final Evaluation(Batch 2021-23 semester 2nd)

Group.No:- G2

E-Learning Platform

- **Guided By :- Prof. Satyendrasingh Chouhan Sir**
- **Mentor(TA):- Mr. Meet Shah (202011047)**

Group Members:-

- **Mihir Popat:- 202112073 (Group Representative)**
- **Shail Parekh:- 202112128**

Table of Content

Description:-

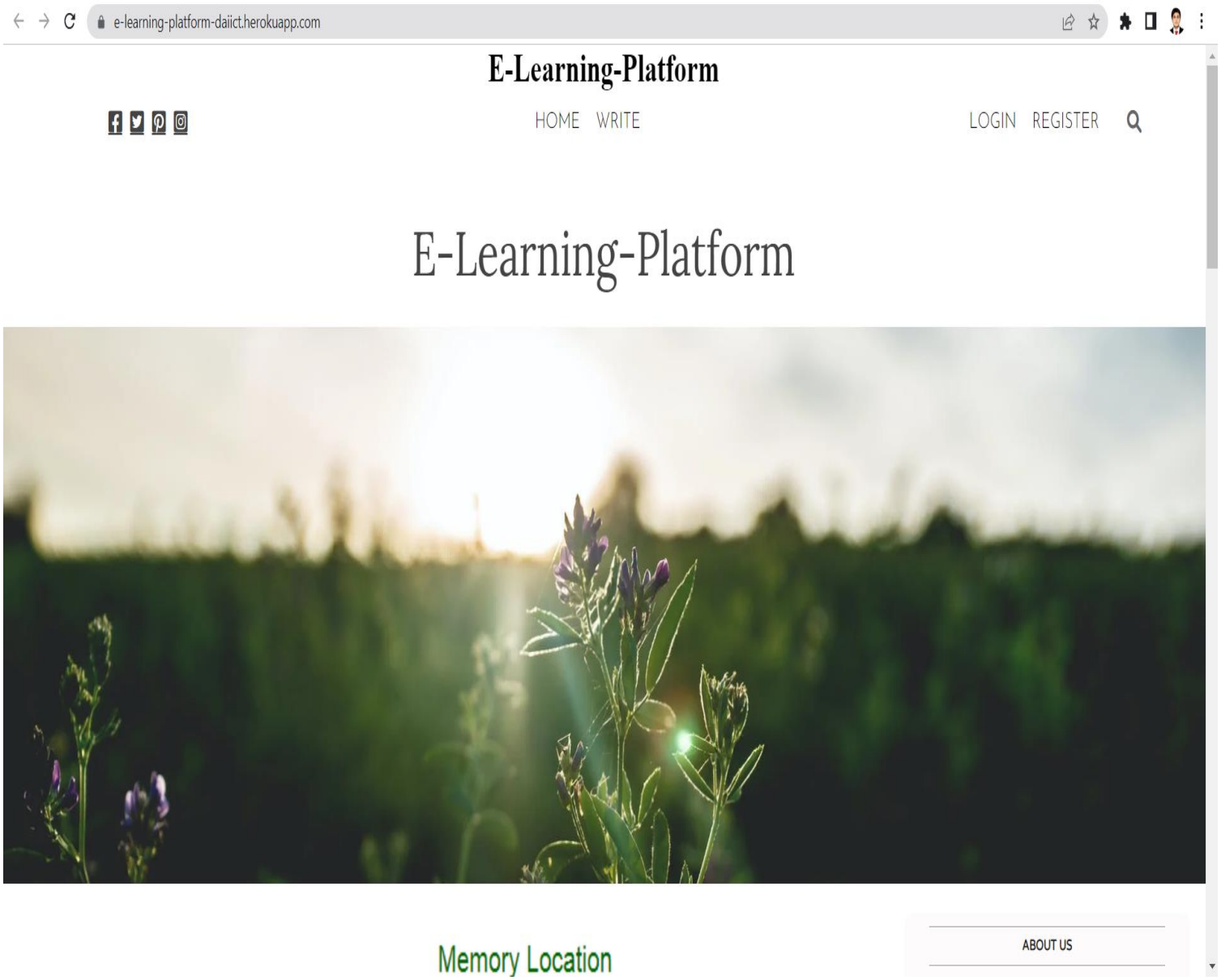
The purpose of E-Learning Platform project aims to create an engaging and informative online learning platform that helps learners achieve the desired learning outcomes. It helps learners to highly collaborative and multi-functional accomplishments. It provides all in one solution to the learner to get knowledge and up grad their career . E -Learning is the best platform to build online student community.

Technology we have Used to implement in the Project:-

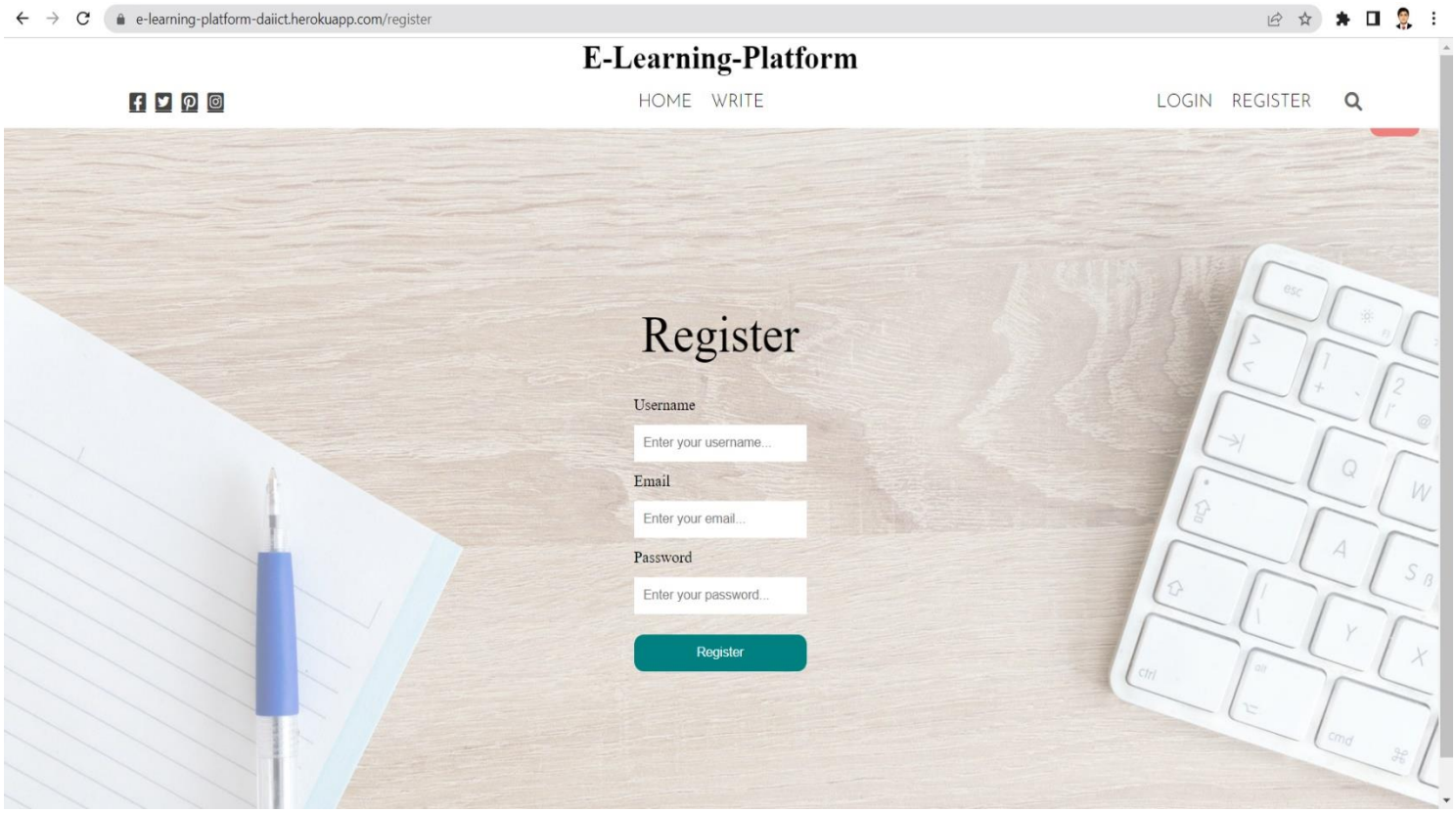
- HTML
- CSS
- JavaScript
- MongoDB
- NodeJS
- React
- Express.Js

- **Screenshot of Project Important Functionality:-**

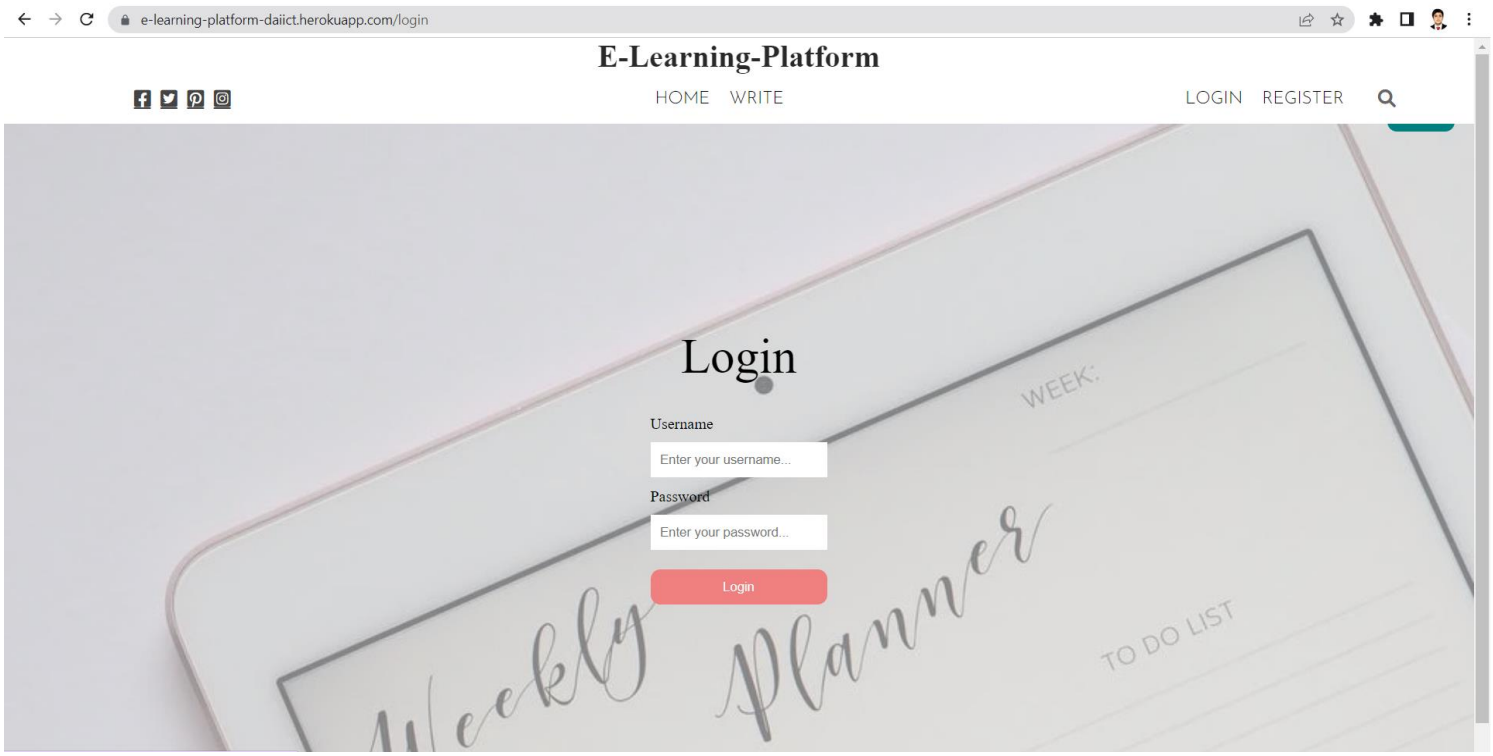
  Home Page:-



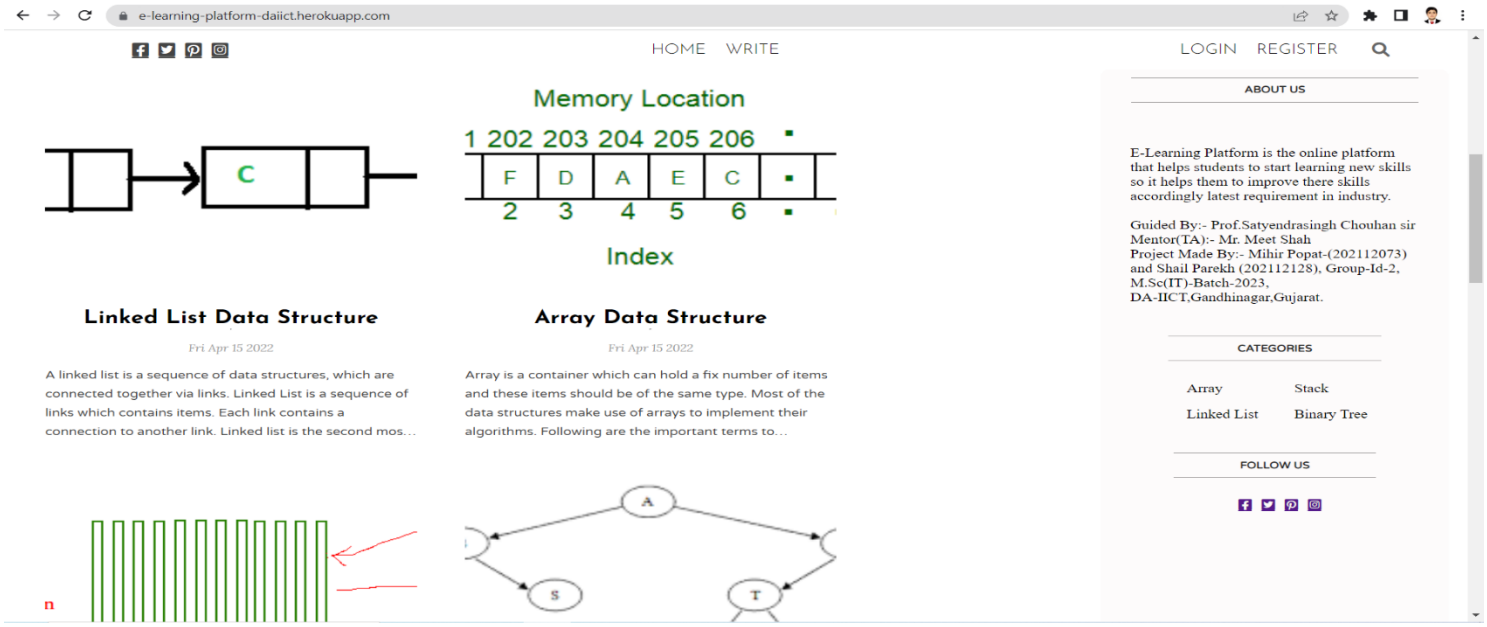
Registration Page:-



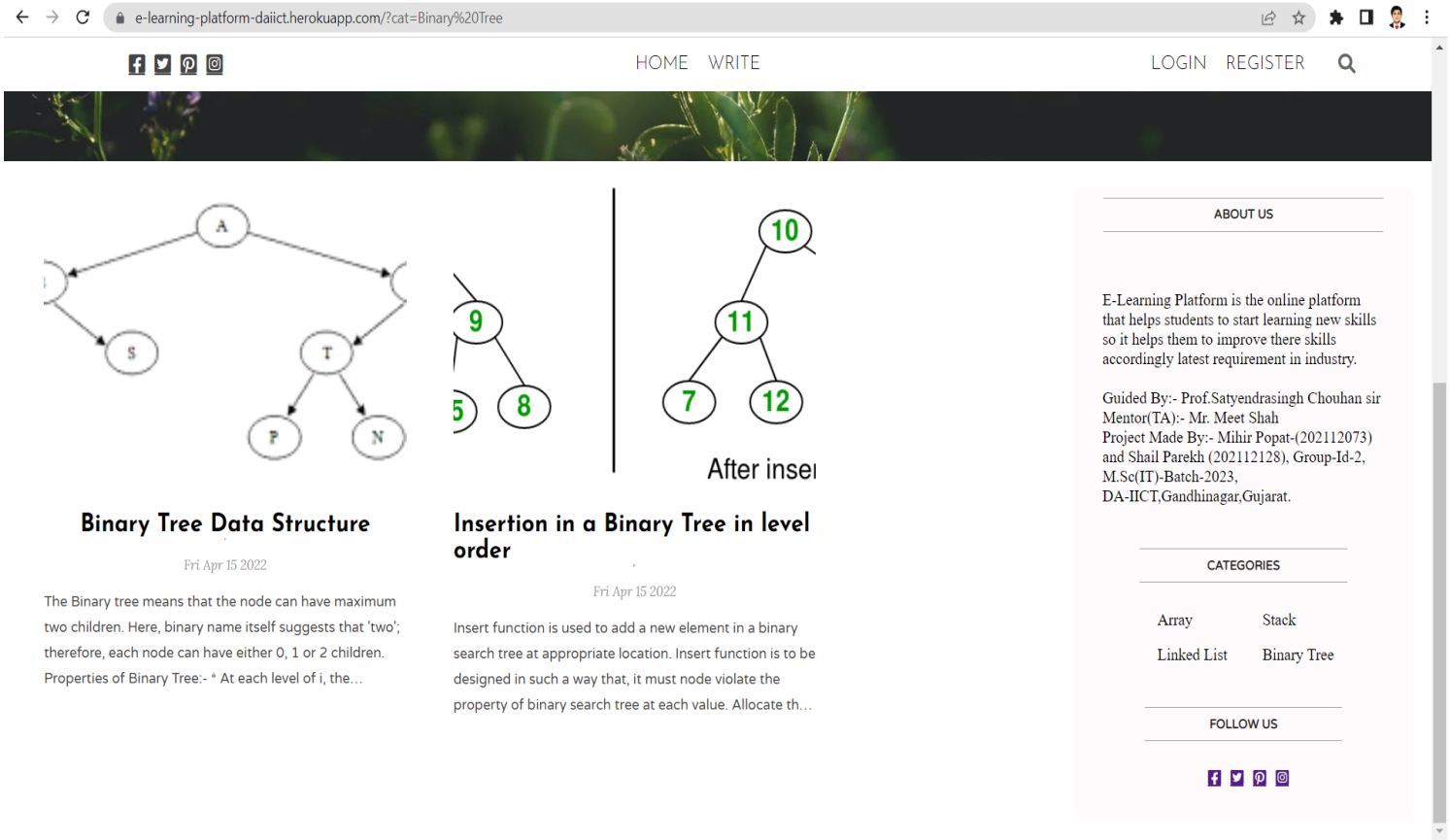
Login Page:-



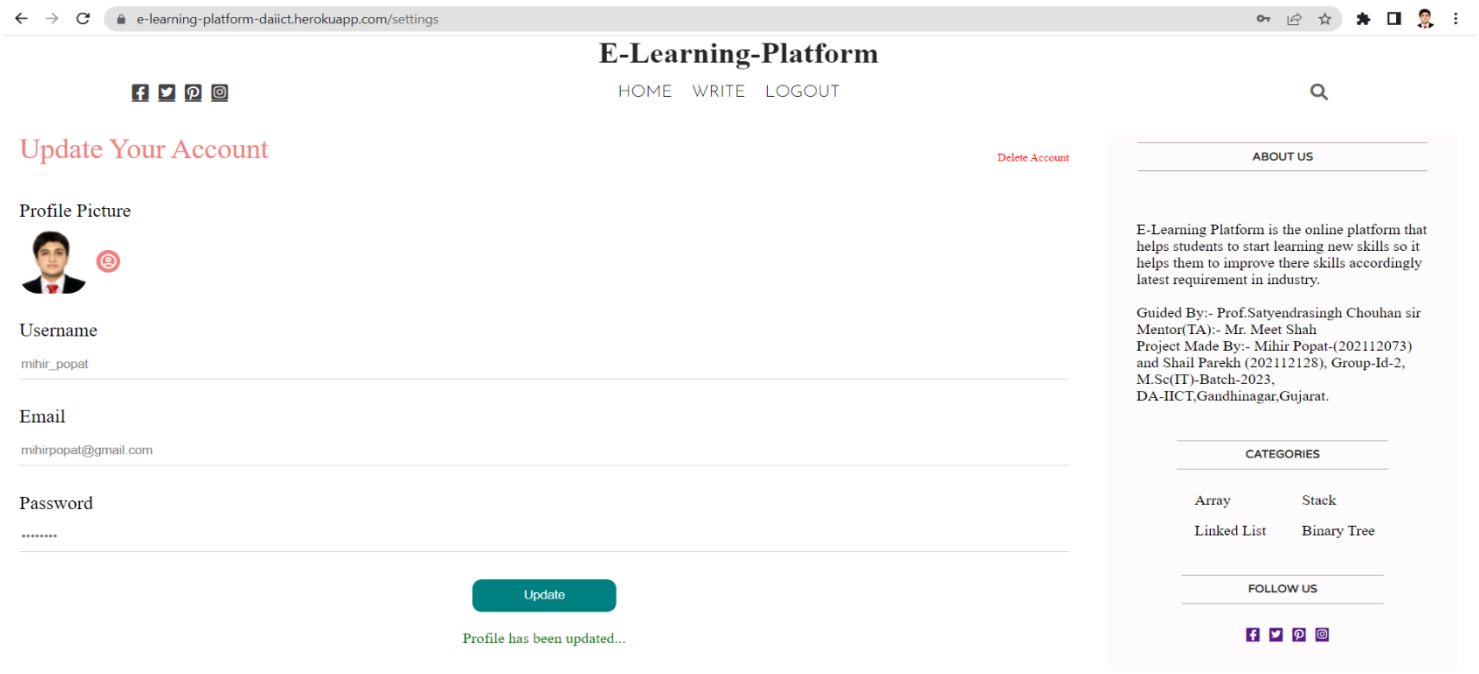
Educational Articles:-



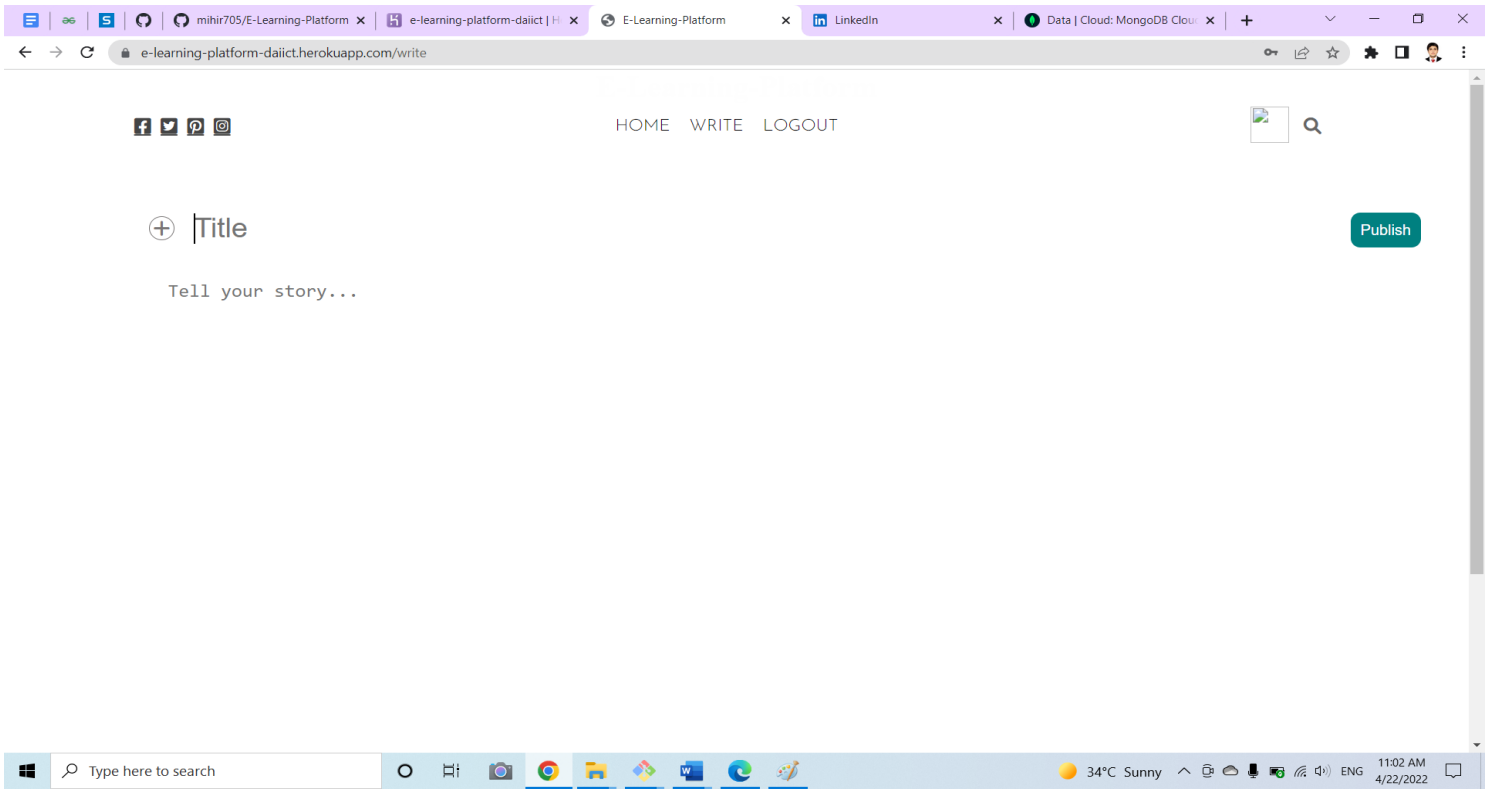
Sort listing Articles by category:- (over here binary tree articles are sort listed)



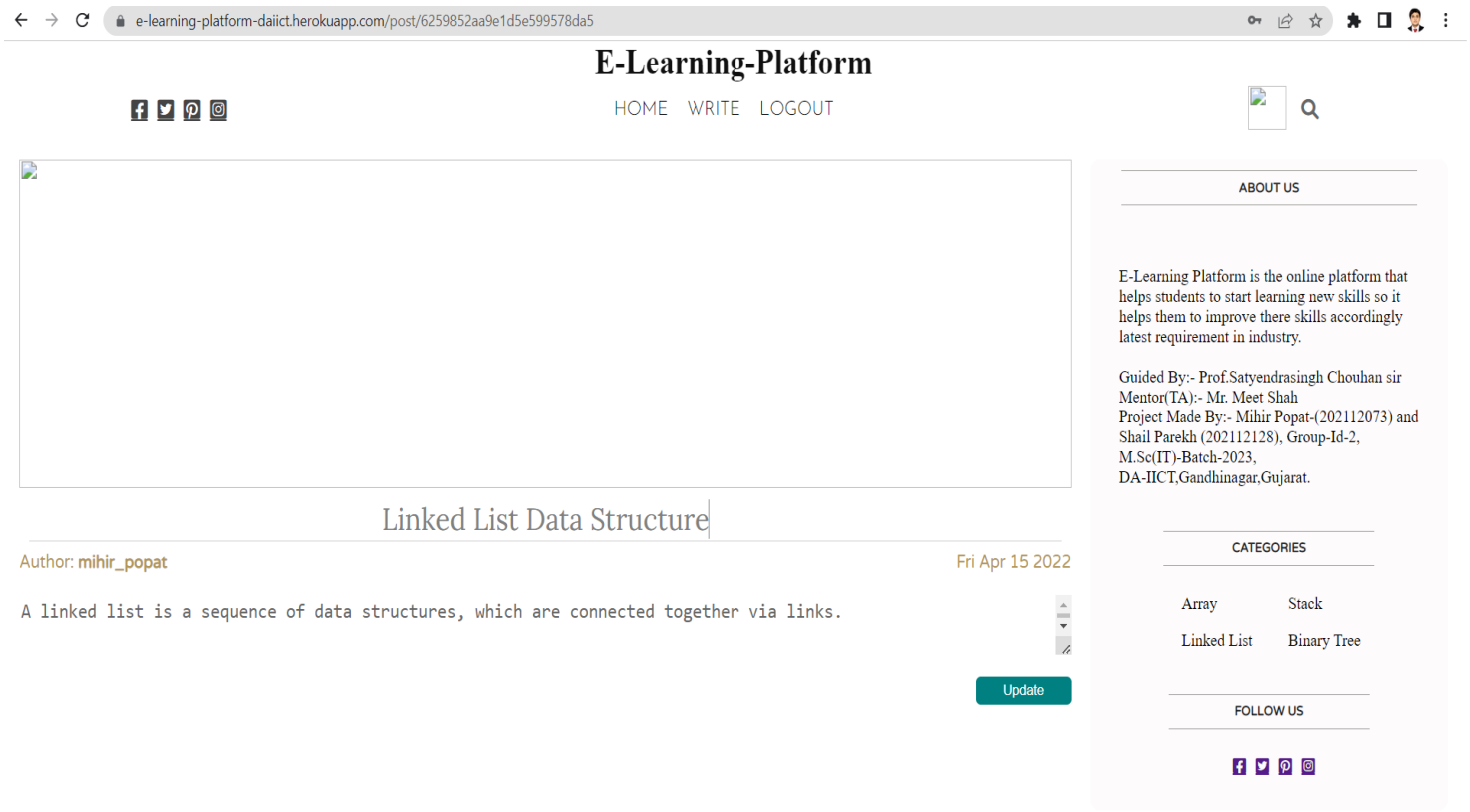
User Profile Update:-



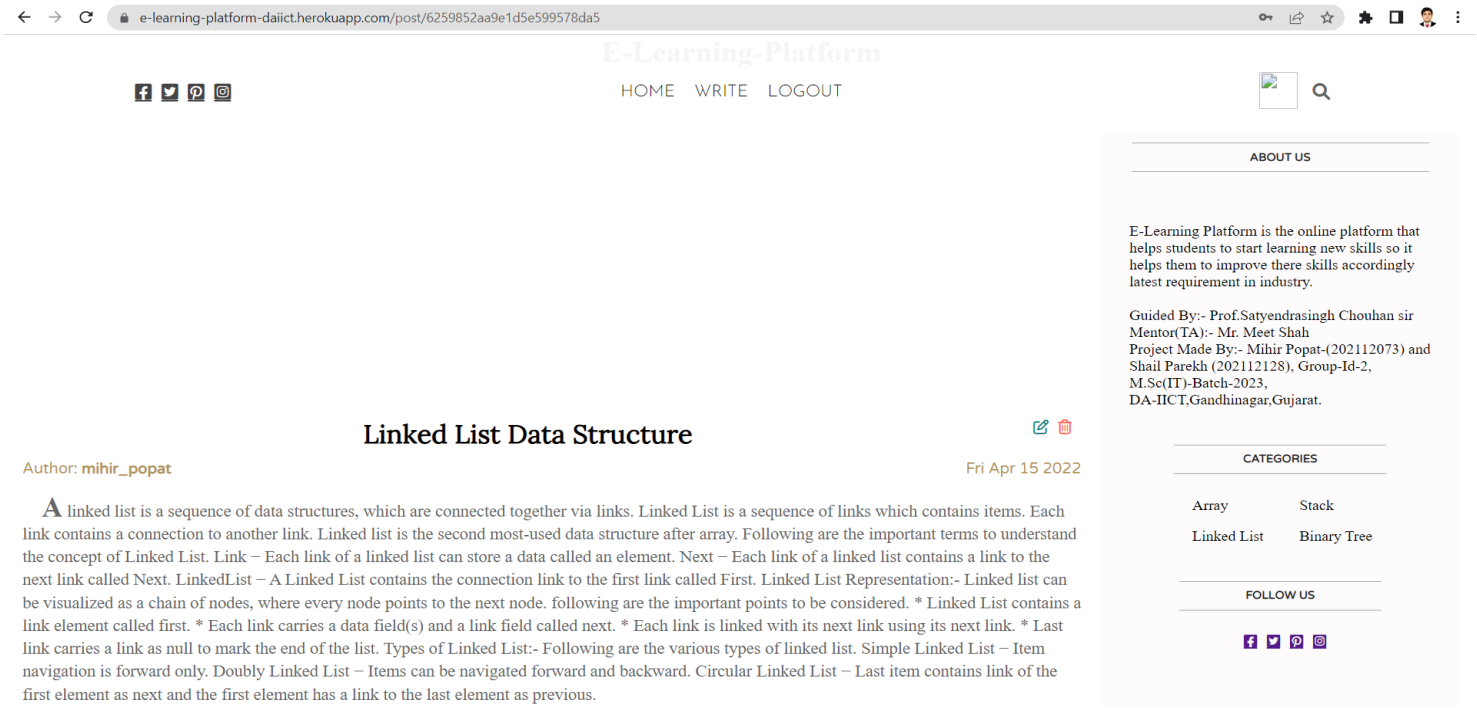
Post Write Panel:-



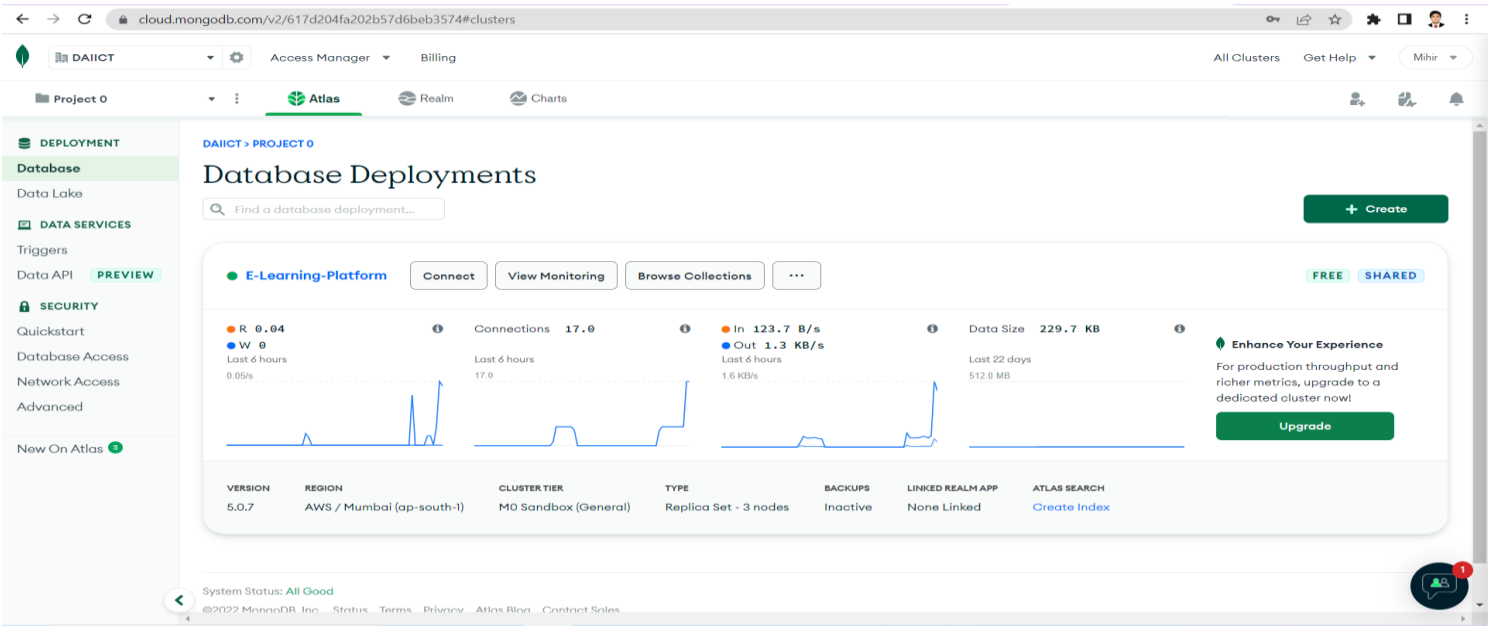
Update Article:-



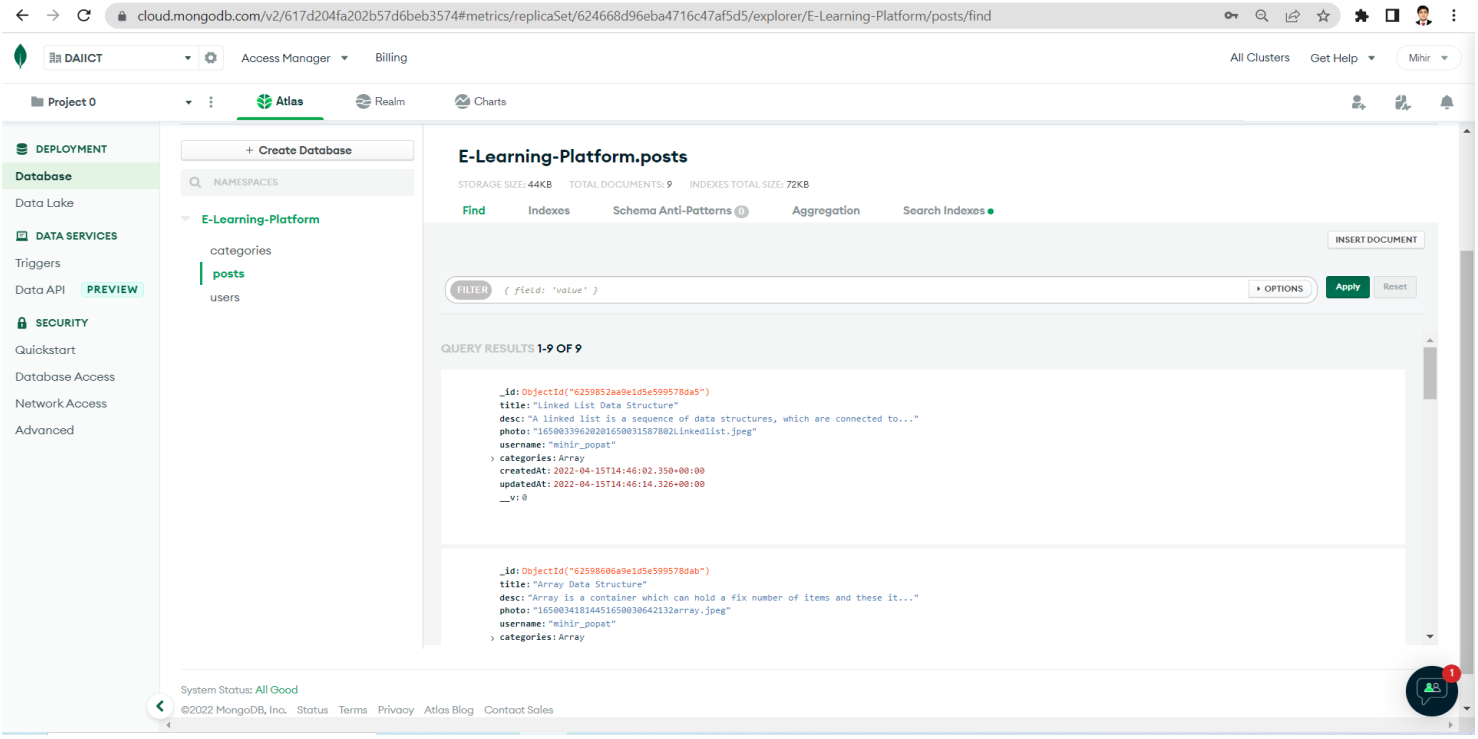
Delete Article:-



Atlas MongoDB DataBase Panel:-



Database Collections:-



Explanation of the project flow:-

- When user first visit our platform first page displayed is the home page and over here the already written articles by the existing users is displayed .
- Then if the user is not already register he will first need to register to access and to contribute to the platform . after successful registration user will login to the portal.
- After login user is able to contribute to the platform by the writing the article and share knowledge with the students also able to edit , update articles only written by user own self.
- User can be able to update profile and also sort article according to user interest.
- This platform help student community to grow.

• All Style Requirements fulfilled Successfully:-

- Accordingly requirements given by the sir we have implemented our project like….
- We have callback and custom events and functions to communicate between class.
- For backend we have used nodejs and expressjs and for front end we have used react.
- We have used HTTP get method , post method , delete method and put method .
- We have avoid to use global variables and used raw html, CSS and JavaScript.

• All Technology Requirements fulfilled Successfully:-

- WE have used class and ids.
- We have used flex
- We have included CSS animation.

- We have used fetch() to fetch data.
- We have include get and post route.
- We have also Used await(promise) and async property in our project.

Heroku Link:- https://e-learning-platform-daiict.herokuapp.com/

Google Drive Link:- https://drive.google.com/drive/folders/1lwP1njTyBTDYPWqKk0w57o3asUr8EirN?usp=sharing