Team ORBIT

(Small team, big ideas)

**ELECTROTHON 2k'21
SPEC NITH**

Project Name: ProCode

TAGLINE

LEARN, WRITE, CREATE AND CODE

THEME
Open innovation

DOMAIN
Web development

OUR IDEA
To make a fully user-freindly platform where users can share their codes, projects and article through very easy process.They can add their project's explaination in a course or tutorial format.

PROBLEM
OUR IDEA SOLVES

- ### Easy explained projects:
  Other websites are not made for the purpose of explaining codes and projects. They don't give freedom to the user to give an explanatory documentation.

- ### Switching PDF to links:
  Some professors and students who make their research studies and collect them in a PDF. They can make and edit their research articles. And Procode provides them a link to their own research article so they can add that in their LinkedIn profile.

PROBLEMS
OUR IDEA SOLVES

- ## 5000 to 200 pages

  Nowadays, college students do read different topics in different books which are in thousands of pages. they can make their own notes, which will help them in their exams and after them, it will help their juniors and other students.

- ## Share your knowledge in any way

  A user can make his/her course in which he/she wants to make. If a user wants to add videos, he can. If you don't want to add video tutorials, then the user can only upload his notes one by one and arrange them in the manner of the book.

WHAT WE DO

Novelty of our idea

Procode provides user a platform of all the compilation of projects including articles, tutorials, videos, code on one page. Users can also publish their own projects with attached articles and videos to explain it.

Social Application

Learning is easier if we apply it, students can replicate any basic projects from the Procode, which will help him in understanding with clarity.

APPROACH TO SOLUTION

Collecting Information

Step 1 was to list out the things/features that are essential to building basic projects.

Designing Website

Step 2 was to prepare the design of the website i.e. the coding fo the frontend.

Adding Backend

Step 3 was to provide backend to the website through Django with all the essential features.

Features we Provide

Text editor

A rich text editor is integrated which is easy to use and the user can add image, video , links, codes and also style their articles according to their choices.

Sharing

After creating the articles, user can share it on facebook, twitter, linkedin and also on whatsapp.

Award

When any article crosses the read count of 200, user is awarded a silver medal on that article, and gold medal, if read count crosses 500.

Tag system

Efficient tagging system is also provided with the help of which user can filter out the articles according to their domain in which they are interested to learn.
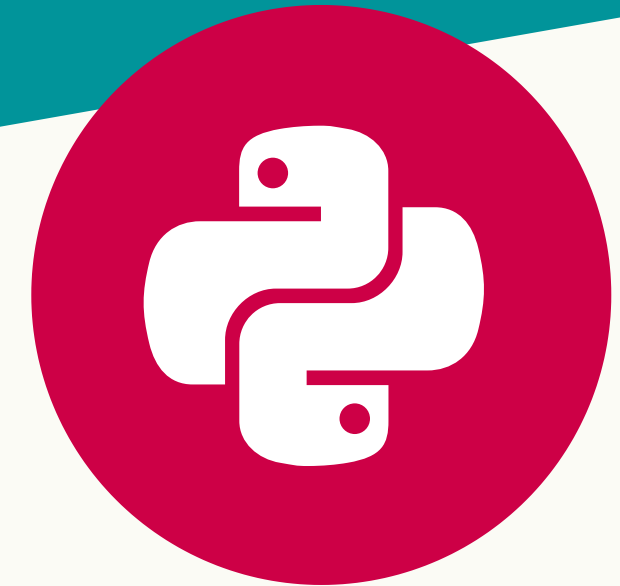
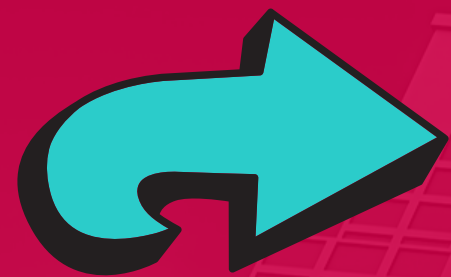# TECHNOLOGY STACK

HTMl, CSS, Javascript
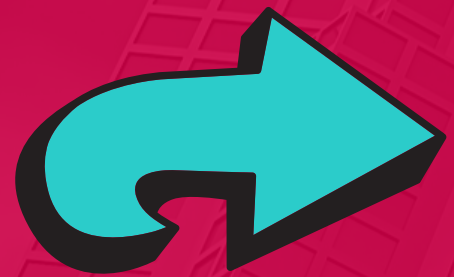For Frontend

Django
For backend

Python anywhere
Deployment
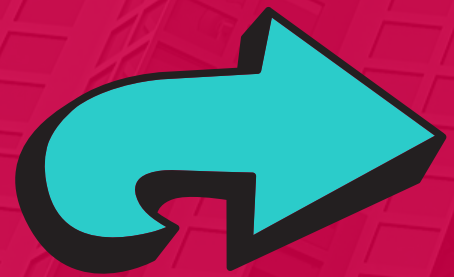
Business Aspect

Social impact → Learner can improve their personal as well as professional skills.

Target consumer → Learning aspirants

Project > product → For college, school teachers and students, for scholars

TEAM

Baibhav
Team Leader
Branch: ECE

Ritika lohia
Team member 2
Branch: EE

Ujjwal Chaudhary
Member 3
Branch: ECE

Connect With Us

Mail

baibhavmishra3211@gmail.com

Phone number

6387978916