MINI PROJECT

(KCS - 554)

DEVPOST :
A BLOGGING WEB APPLICATION

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Objective

To offer **informative**, helpful and educational **blog** to people who want to read . We want to continue to generate more and more traffic. Our ultimate goal, of course, is to become more and more successful through blog and how effectively it touches other people.This will translate into direct time savings by avoiding fruitless searches for required information. It is a platform that is used to manage web content, allowing multiple contributors to ***create***, ***edit*** and ***publish*** their blogs.

Development has been the driving force of the IT Industry from the ages and will prove to be the same in the times to come. We , through our website Devpost, are interested to contribute in the learning journey of developers by enabling all the developers from different parts of the world to come and contribute to the growth of the developers community by writing and posting informative, suggestive,precise but insightful blogs so as to benefit others in the community.

Introduction

- **Devpost** is a blogging web application made on Flask.
- Using this application people can explore blogs based on variety of categories for free.
- This web application provides a platform for bloggers to post their blogs.
- The blogs may relate to any type of development be it - web, android,software or some helpful content about any trending technology. The blogs will be judged on the basis of upvotes and downvotes to ensure the quality check.

Technology Used

- HTML , CSS , JavaScript , Bootstrap (Frontend)
- Flask (Python based Web Framework)
- Jinja (Templating engine for Python)
- SQLite (Authentication & Database)
- Python (version 3.8)

Hardware/Software Required

- A Web Browser (Google Chrome / Mozilla Firefox / Internet Explorer)
- A Text Editor (Sublime Text / Notepad++ / VS Code)
- Flask Server
- Python 3
- Flask and related libraries

Feasibility Study

- **Technical Feasibility** - The technology we will be using is Flask. It is easy to implement and flask app can be hosted as a website. SQLite database is open-source, secure and a trusted platform to store user data and is available for free.

- **Economic Feasibility** - All the tools and technologies required to make the project are easily available, mostly open-source and accessible over the internet so it is economically feasible. Also, nowadays, there are many trusted platforms which offers free services to publish a Python-based web application

- **Legal Feasibility** - All technologies used in the project are open source and available on the internet so it is legally feasible.

THANK YOU