

Team Appendly - The IBM Hack Challenge 2019

Theme: Stack Overflow Bot



Targeted Problem Statements

- > The problem statement aims at building a solution that helps to find the right answers that are relevant to the developer issues on Stack Overflow.
- > A lot of content is present in form of stack overflow questions and answers, various studies point that developers face problems while development life cycles and they ask questions on stack overflow which gets answered by fellow developers across the globe.
- > For a new developer to understand a concept or solve an issue, it could be very difficult to identify the problems.

Our Solution

“The proposed solution helps to identify most relevant questions to a query using text similarity including identify the matching tags and pick top relevant questions from stack overflow and identify top (k) solutions of the problem based on sentiment analysis of reviews of the given solutions on the Stack Overflow.”

Team Appendly of Three



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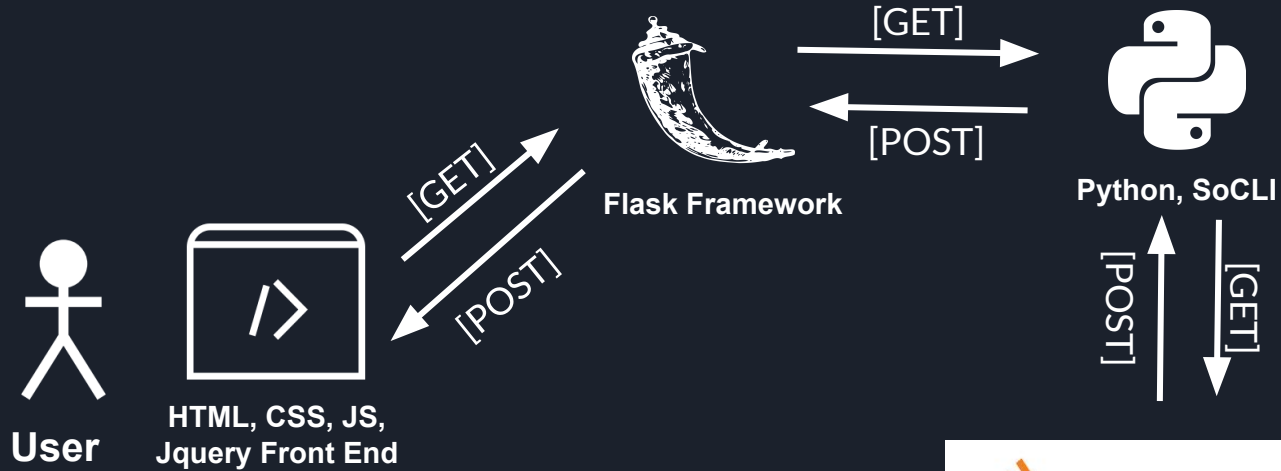
Tech Stack Used



Modules Used

S.No	Module Name	Script	Purpose
1.	Flask	Python	HTML, Python Integration
2.	SoCLI	Python	Stack Overflow Fetching
3.	JQuery	JavaScript	Front-End Control
4.	CSS-Hamburger	CSS	Hamburger Menu

FLOW OF OUR MODEL



[Hosted in Heroku]

MockUp UI

ELI5 StackOverflow

Enter Topic

e.g. JavaScript

Search Query

e.g. window.open JavaScript

Submit

QUESTION

ANSWER

Important Links

- Github Link :
<https://github.com/sai-adarsh/ibmhackchallenge>
- Heroku Link :
<http://ibmappendly.herokuapp.com/>