



Project Name

StackOverflow Clone

Submitted By:

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Scope of the System

Stack Overflow is a question-and-answer website for professional and enthusiast programmers. The users can post questions, answer a question and upvote the answer and get points. The user can also sort/filter the questions based on tags. A new feature named 'Dashboard' is to be implemented which will visualize the trending tech domains.

Problem Statement

The existing system does not have a dashboard to visualize which technology has faced the most problems and challenges. This feature can be added to increase the knowledge of developers and programmers about the top trending technologies. A user can get points according to the upvotes he gets on his answers which could be used by him in near future to make a purchase on the website.

Existing System

The Stack Overflow website helps people find the answers they need, when needed. It is best known for public Q&A platform that over 100 million people visit every month to ask questions, learn, and share technical knowledge. Users can also search a question based on its tags and give upvotes to an answer.

Proposed System

Along with some of the existing features of the Stack Overflow website, a new dashboard menu with the top 5 trending technologies will be visualised through a chart to know which technology developers/programmers/users are facing problems.

Actors of the System

- System Admin
- User(Developer/Programmer)

Modules in System

1. User Management

User registers and logs in to the system via his credentials. He can post a question, answer a question, give upvotes and sort the questions.

2. Dashboard

Visualization of trending tech domains through charts or graphs.

3. Admin Management

Used to store data of admin through which he can log in to the system.

Technology Stack

Client Side

1. HTML5
2. Bootstrap4
3. Node.js v17.6.0

Server Side

1. Node.js v17.6.0

Hardware and Software Requirements

Hardware Configurations (Server Side)

Processor	Core i3 and above
Speed	2GHz and above
RAM	2GB and above
Hard Disk	500GB and above

Software Configurations (Server Side)

Operating System	Windows 7 and above, Linux
Database	MySQL

Hardware Configurations (Client Side)

Processor	x86 or x64
Speed	1.1GHz and above
RAM	1GB and above
Hard Disk	3GB and above

Software Configurations (Client Side)

Operating System	Windows 7 and above, Linux
Web Browser	Google Chrome, Mozilla Firefox