Website like Stack Overflow for technical doubt sharing and solving

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Abstract—Technical Question and response (Q&A) websites for developers have changed the way they look for information on the internet. Q&A websites are quickly gaining traction as a valuable resource for information sharing and learning. Developers address coding issues and share code examples on Stack Overflow, a popular Q&A website.While most Q&A sites were designed to provide useful answers to the question asker, there has been a noticeable shift toward question answering as a community-driven information creation mechanism with an end result that can be of long-term value to a wide audience.

Index Terms—Stackoverflow, upvote, downvote, tag

I. INTRODUCTION

Question-answering sites — in which people pose questions to a community of Internet users — have evolved steadily over the past half-decade. One direction this evolution has taken is the development and maturation of sites such as Stack Overflow. Stack Overflow (SO) is one such Q&A site that claims to be the "world's largest developer group" at the moment.. It serves as a Q&A website for over 50 million "professional and enthusiast programmers", where user participation contributes to a library of detailed answers to the various programming question that may arise; SO is part of the Stack Exchange network of Q&A sites, and it was developed and is still run by users.

II. SURVEY METHODOLOGY

1. How often do you use stackoverflow?
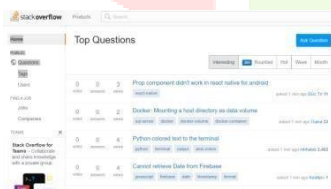2. How satisfied are you with the UI of Stackoverflow?

Fig. 1. Stackoverflow UI

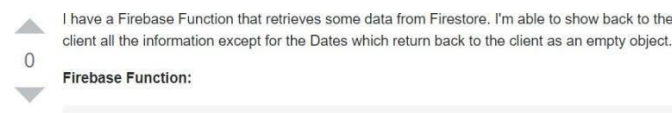3. How useful do you find the option to upvote/downvote an answer?

Fig. 2. Upvote Downvote in Stackoverflow

4. Do you find the option to filter questions using tags useful?

5. Would you like the users to be categorized as beginner, intermediate and advanced?

III. DEMOGRAPHICS OF THE RESPONSES

The survey had 60 participants, with 100 percent of responses coming from people between the ages of 18 and 24, who are stackoverflow's main target audience. Individuals living in Thane and Navi Mumbai, both in Maharashtra, India, have a higher concentration of these responses. Males made up 73.1 percent of the responses, while females made up 26.9%

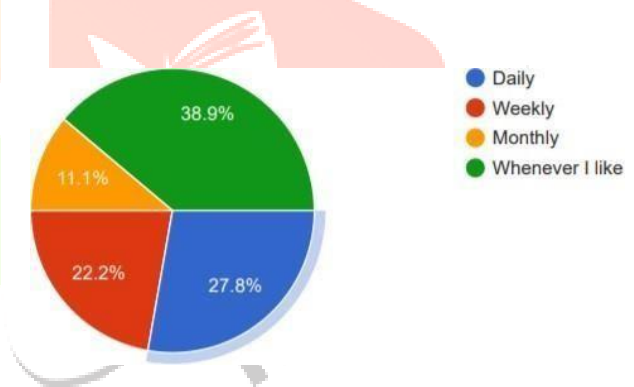## IV. RESPONSES

1. How often do you use stackoverflow?

Fig. 3. Response 1

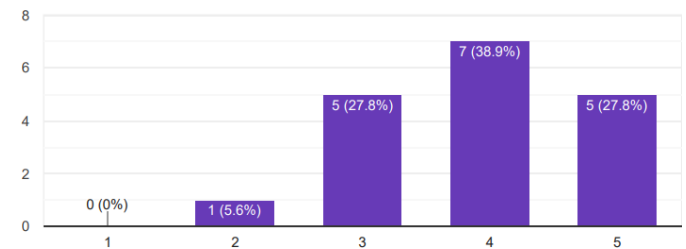2. How satisfied are you with the UI of Stackoverflow?

Fig. 4. Response 2

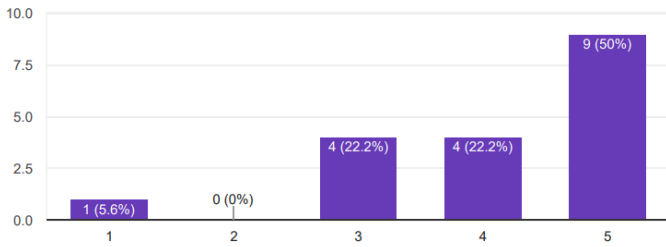3. How useful do you find the option to upvote/downvote an answer?

Fig. 5. Response 3

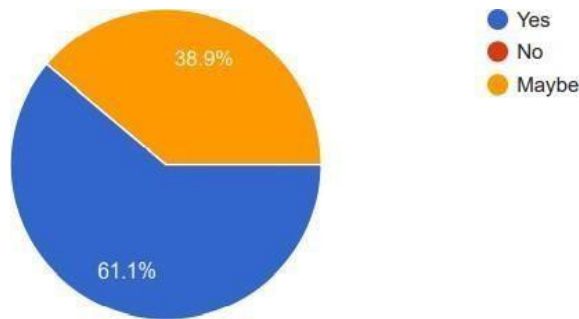4. Do you find the option to filter questions using tags useful?

Fig. 6. Response 4

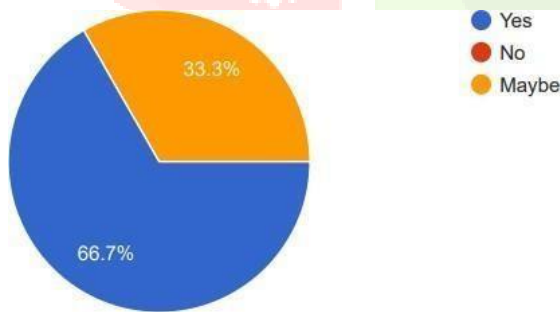5. Would you like the users to be categorized as beginner, intermediate and advanced?

Fig. 7. Response 5

V. FINDINGS AND RECOMMENDATIONS

We identified two issues that the current Stackoverflow application has through this survey and exploring information provided by Google. These are namely:

Marking the Question as Favorite

Sometimes user need to pin a important question so that it as quickly accessible. Stackoverflow don't have any provision

to mark or pin question as favorite. Marking the question favorite meant that it could be accessed quickly via shortcuts. It enables one to remember facts. It enables one to remember the significant Question and its answer. It hinders one from remembering more easily. So we can use "Mark as favorite" feature to improve the website

Categorization of User

Stack Overflow is a question and answer site for professional as well as upcoming enthusiasts. As it is open for all website any user can can answer anybodies question . Most of the time beginner can give incorrect answer to the user . So it very important that the user who ask question should know the skill level of the answerer as the answer by the expert will be more reliable, so we can categorize user as beginner intermediate and advanced.

Users important contribution

Any user giving the contribution like asking any queries or answering any queries might be one of the best answer or the most encountered query.To highlight that query or answer when other users find it most relatable can mark it as favourite and the users profile will show that it is most encountered query from number of users being one of his best question or the solution he offered will be added in his best answer section being marked as a favourite from other users.

Social Networking

Certain users who might be having excess knowledge in any particular language will help other users having or progressing in that field. They can follow those users also making it networking hub. It is quite useful for users sharing same interest in any field.

VI. CONCLUSION

This project offers a platform to all the users to discuss and overcome problems they are facing in programming languages. They can also offer most optimize solution for problems other users are facing. It is less time-consuming for any user to find solution and overcome the problems. The answers can be explained in different ways and user himself will find the best one according to his understanding capability.

VII. REFERENCES

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