

Focused Question and Answer for Job Portal

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Abstract: This report is written on project based on Focused Questions. Focused Questions is a website community where Technical user can post questions and answers. Any User can Upvote or Downvote a question or an answer and can choose a best question and best answer. Can check the number of views for their question. Email Notifications will also be sent when a new response is added to your question and your answer is chosen as best answer. On basis of Best answer, User will get some badge. On basis of that Badge, Company will hire the user according to his further Performance. So, Here we are providing Job Portal feature where companies can post job openings and developers can apply for the job.

1] INTRODUCTION:

Focused Questions is a community hub where users can post questions and answers related to technical field. This website helps users all around the globe and post any questions related to technical questions. Any user can Up vote or Down vote a question or an answer. And the best answer would mark as best and Here we are providing Job Portal Feature where Companies can post job openings and developers can apply for the jobs. Focused Questions is a question and answers website for professional and enthusiast programmers. It is a privately held website, the flagship site of the Stack Exchange Network. It features questions and answers on a wide range of topics in computer programming. It was created to be a more open alternative to earlier question and answer sites such as Experts-Exchange. The website serves as a platform for all users to ask and answer questions, and, through membership and active participation, to vote questions and answers up or down and edit questions and answers in a fashion similar to a wiki or Reddit. Users of Focused Questions can earn reputation points. For example, a person is awarded 10 reputation points for receiving an "up" vote on a question or an answer to a question, and can receive badges for their valued contributions, which represents a gamification of the traditional Q&A site. Users unlock new privileges with an increase in reputation like the ability to vote, comment and even edit other people's post.

1.1) Project Objective:

The objective of project are as follows:

- To design a user-friendly graphical user interface.
- To provide the notification mail if some user post question or answer in your answers.

- To help a user to not stuck at some point.
- To help new learners as they are new to the site.
- To help programmers or developers across the globe.

2] LITERATURE SURVEY:

"A Bit of Code": How the Stack Overflow Community Creates Quality Postings [1]. The data collected for this project was dump through XML provided by Stack overflow on the website. The data was read into a MySQL database for ease for processing. The data collected provided includes all the questions, answers, comments, tag, scores, and much of the user information. In addition, the data collected comes with the pre-computed counts of favourites, upvotes, and downvotes.

Job Portal – A Web Application for Distributed Clients [2]. Job seeking usually involves different ways to look for jobs such as through personal contacts, direct telephone calls to employers, job agency office, scanning online job listings, etc. Before the Internet, became widely uses as a method of seeking jobs, jobseekers spent a lots of time using various methods to look for job openings. Today, jobseekers use online methods which are very convenient and saves a lot of time.

Intelligent Question Answering in Restricted Domains Using Deep Learning and Question Pair Matching [3]. The Questions pair are matched with the help of deep learning and neural networks but If similar questions comes that it gives wrong outputs as system is not able to recognize the questions and thus it gives the false results.

2.1] OUTCOMES OF LITERATURE REVIEW:

- They have provided maximum security in the portal. OTP is given each time whenever admin logins, so that no unauthorized person can access the site. Sessions are maintained throughout the system.
- Here, they have designed a project "Online Job Portal system" and all its applications codes are in PHP with the AJAX and JQUERY backend.
- The principles of software production were well implemented throughout the system. The project has been made as per as the given specifications.

The main goal of this portal is to attempt to produce the right graduates based on the industry needs.

3] Proposed System:

3.1) Problem statement:

Software development is such a vast domain that you need someone when you are stuck at some point, so there is a need for platform where developer come together from anywhere in the world and can help each other. A new developer to understand a concept or solve an issue, it is very difficult to identify the problem. It involves domain experts in form of experienced software developers. The information present is overwhelming and at time can be too much to handle for bulding developers. So, Having a community of developers make a life of any developer easy.

The Web Application we have designed is for developers who can find the solution across the globe. According to the users performance, company can approach to him with the help of "points" which he has earned by clearing the doubts of other user.

3.2) Implementation :

The detail flow of Focused Question is shown in figure no. 1

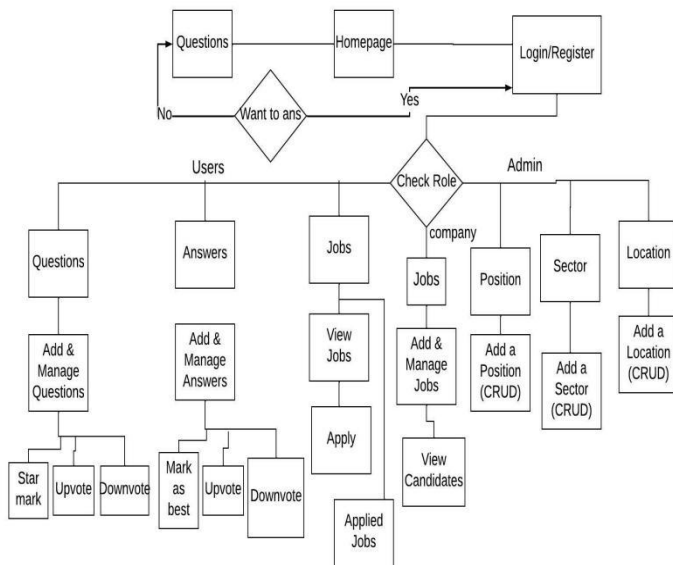


Figure No.1 Flowchart

In Focused Questions there are 3 user roles which are user, company and admin.

Focused Question user can post the questions that he/she is facing (related to technical and non-technical) and some other fellow users can help by answering them. If the user is satisfied with any of the answer he/she can mark it as best

answer which will give 5 points to that user who answer was marked as best. Also upvote to your answer gives 1 point. This point will help user in ranking while they apply for jobs.

Companies can post the jobs for different position and sectors, and can view the candidates based on their ranking companies and can interview them.

Admin has the privileges to add and manage the position and sectors.

Questions can be filtered using relevant tags.

3.2) Results :

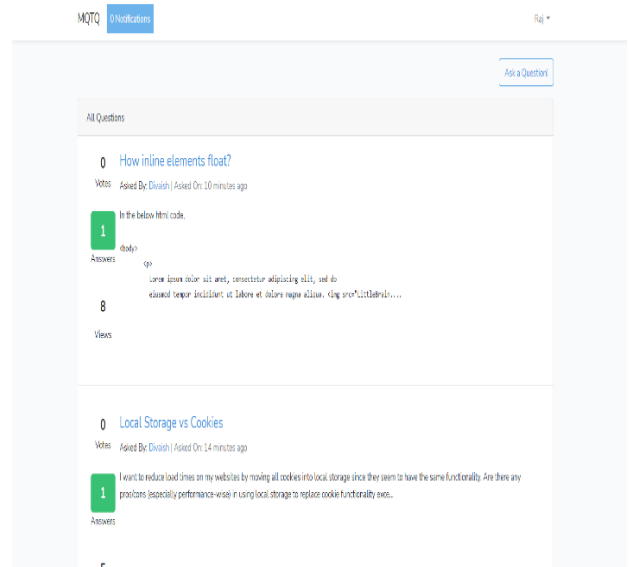


Figure no.2 Question Page Output

Figure no. 2 shows that the output will show all the questions which has been posted by different users

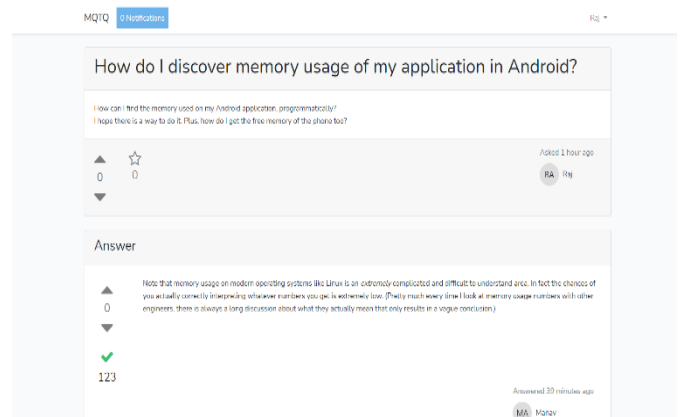


Figure no.3 Answer Page Output

Figure no.3 shows that the feature is added to our website where user who has posted question can select any answer as best answer here is the output.



Figure no.4 Up vote Output

In the above Figure no.4 shows that the Up vote is the feature where any user gives correct answer to the given question then other user can also that check whether answers is correct if correct the user will up vote that answers.

4] CONCLUSION:

The 'Focused Questions' has been developed successfully and was also tested successfully by taking few test cases. It is user friendly and has required options, which can be used by user to perform desired operation. According to the result analysis the current model works properly and has achieved the goal of getting 100% accuracy within the desired format. We have implemented various best practices to create and train our model. Throughout the development of the model, we have learned various best practices and architecture patterns being used in industry today.

Focused Question helps in getting your technical issues and problem answered. As in future we can do data mining on questions and answer that we have in our database. This data mining will help us to solve issues on larger scale.

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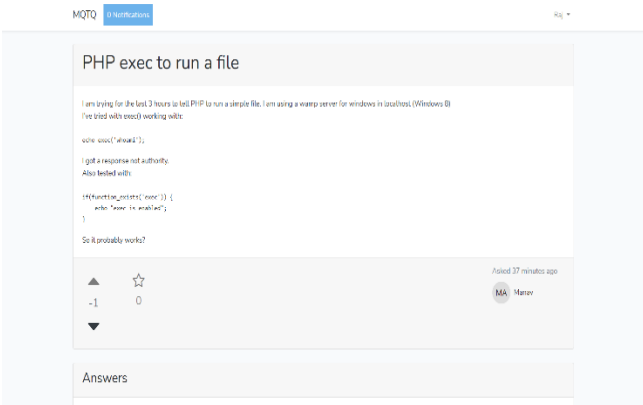


Figure no.5 Down vote Output

In the above Figure no.5 shows that If answers is incorrect or user didn't like answers then user will down vote that answer.

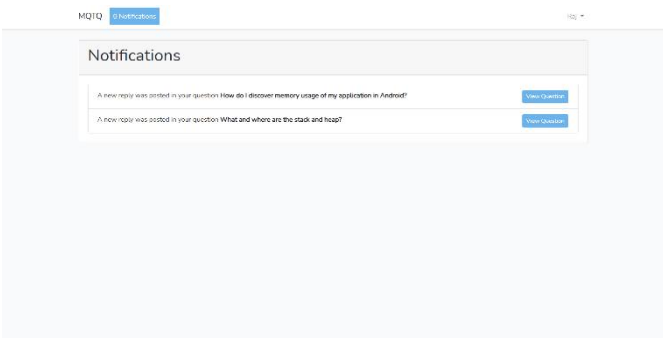


Figure no.6 Notification Page Output

In the above Figure no.6 shows that this feature is the important one where one user has posted the question and gets answers through notification mail, here is the output given below.