

Question Answering System on the Basis of Crowd Sourcing

Bhavika Hirapure, Neha Burghate, Pooja Mendhe, Shweta Giri, Mr. D.S. Gawande

Department of Computer Science and Engineering DBACER Nagpur, India

ABSTRACT

These days, individuals utilize the web to discover the appropriate response, for the most part network question replying (CQA) destinations utilized for finding the arrangement. However, social media is becoming more popular, that's why people are ignoring the Community question answering site (CQA). Therefore, we are creating a website which is "Question answering system on the basis of CrowdSourcing". This project aims to find and develop the solution or overcome the unanswered question issue. By using crowdsourcing platform the task could easily be done by humans.

Keywords: Crowdsourcing, Knowledgesharing, Qasystem

I. INTRODUCTION

Search engines, social media and network creates complications but CQA will provide the most relevant answer. CrowdSourcing is the act of getting ideas, information from a group of people. Similar to a "suggestion box". QA system is developed to overcome the problem of unanswered question. The aim of this project is to combine human thinking and knowledge sharing for limited community.

II. RELATED WORK

They make a task work publicly supporting framework association in a private situation. They utilized PCSS and four quality control strategies which are preprocessing sifting, constant genuine - time separating, post-handling sifting, and conjecture preparing sifting, and assess the PCSS by utilizing it to gather information [1].

They utilized Crowder approach skim slant and utilizing a few highlights they create programming work, for example, required systems, installment, title

and diagram depiction, post information and accommodation due date, and so forth [2].

They proposed QA framework question recognizable proof plan question acknowledgment ((EAT) ID) and looking through the learning base insight root word (KB) to discover the appropriate response revealing the dissolvable to the characterized inquiry [3].

They concentrated on "Wh-Question" and after that present a scientific model precedent dependent on numerical examination to distinguish the inevitable Why-Questions answers [4].

III. METHODOLOGY

In this project, we have to overcome the problem of existing QA on the basis of crowd sourcing with limited community concept and give permission to only authorized user to answer the question. Unauthorized user are able to only read or access knowledge from the QA system. The purpose of this model is to provide knowledge sharing and question answering based on crowdsourcing for the authorized user and find best solution of the question.

First of all starting the QA system, there is login option for both guest users and private users. Private users is nothing but registered user and Guest user is anyone who can ask their question to the QA system. Guest user and private user ask the question to the QA system. The question is stored in the database, after that administrator analyse that question if the question is invalid then it's send message to the users else question is valid then it is forwarded to the next process (to the crowd workers). Crowd workers then give the answers according to the question. All answers stored in the database, after that administrator analyse that answer on the basis of rating and review. Amongst all the answers given, one having the highest rating has given the priority at the topmost of the answers. And rest of the answers arranged accordingly on the basis of rating. Thus we get lot of answers and knowledge related to our question.

of crowdsourcing platform we combine the human concept, share knowledge and give best solution to the user.

V. REFERENCES

- [1]. Mohammad Javad Kargar, Abbas Oveissi, "An OpModelFor Question Answering Systems Based On Crowdsourcing".
- [2]. Masayuki Ashikawa, Takahiro Kawamura and Akihiko Ohsuga, "Deployment of Private Crowdsourcing System with Quality Control Methods", 2015 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology.
- [3]. Hasangi Kahaduwa, Dilshan Pathirana, Pathum Liyana Arachchi, Vishma Dias, Surangika Ranathunga, Upali Kohomban, "Question Answering System for the Travel Domain", 2017 Moratuwa Engineering Research Conference (MERCon).

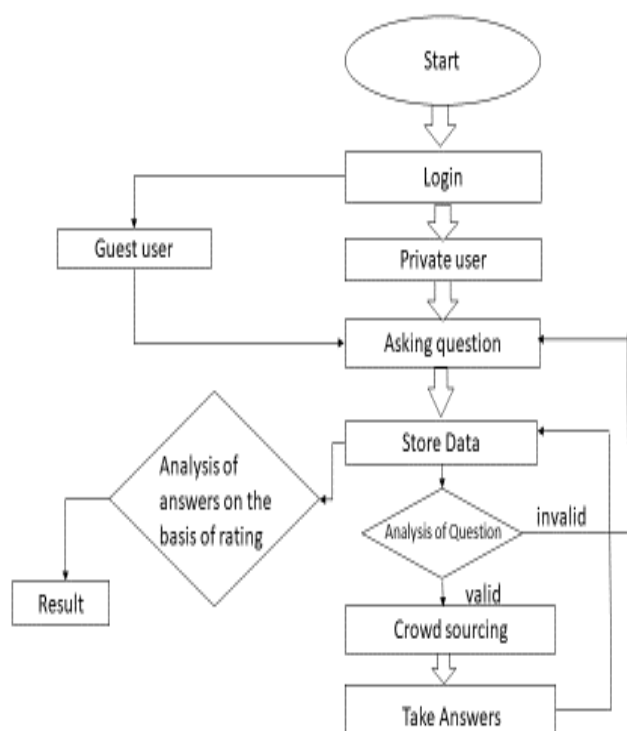


Figure 1. Work flow diagram of QA System

IV. CONCLUSION AND FUTURE SCOPE

This project attempts to overcome the challenges which are faced in existing work, by using the concept