
Software Requirements Specification

for

Charusat Quora

Version 1.0 approved

Prepared by

Nikunj Bhimajiyani(19CE007),Vatsal Bhingradiya (19CE011),

Bhargav Chaudhary(19CE015), Vansh Desai(19CE018), Yagnik Desai(19CE019)

CSPIT CE, CHARUSAT University

01-08-2021

Table of Contents

Table of Contents	ii
Revision History	ii
1. Introduction	1
1.1 Objective	Error! Bookmark not defined.
1.2 Document Conventions.....	1
1.3 Intended Audience and Reading Suggestions	Error! Bookmark not defined.
1.4 Project Scope	1
1.5 References	1
2. Overall Description.....	2
2.1 Product Perspective	2
2.2 Product Features.....	2
2.3 User Classes and Characteristics	2
2.4 Operating Environment.....	2
2.5 Design and Implementation Constraints	Error! Bookmark not defined.
2.6 User Documentation	Error! Bookmark not defined.
2.7 Assumptions and Dependencies.....	Error! Bookmark not defined.
3. System Features	3
3.1 System Feature 1.....	Error! Bookmark not defined.
4. External Interface Requirements.....	5
4.1 User Interfaces.....	5
4.2 Hardware Interfaces.....	Error! Bookmark not defined.
4.3 Software Interfaces.....	Error! Bookmark not defined.
4.4 Communications Interfaces.....	Error! Bookmark not defined.
5. Other Nonfunctional Requirements	11
5.1 Performance Requirements	11
5.2 Safety Requirements.....	Error! Bookmark not defined.
5.3 Security Requirements	11
5.4 Software Quality Attributes	11
6. Other Requirements	Error! Bookmark not defined.
Appendix A: Glossary	Error! Bookmark not defined.
Appendix B: Analysis Models	Error! Bookmark not defined.
Appendix C: Issues List	Error! Bookmark not defined.

Revision History

Name	Date	Reason For Changes	Version
SRS for Charusat Quora		N/A	1.0

1. Introduction

1.1 Introduction

Charusat Quora is a social question-and-answer community website based on websites like Quora or stack-overflow. The community of that website is student and staff of Charusat university. It's common practice to ask Google your questions online instead of bothering real people these days. But when your question is so specific and Google's results are so vague that you're left with even more questions than you did when you began. So, we try to build question and answer sites out there with huge communities of university people who are willing to help you out. Although the answers you get might be based mostly on personal opinions more than qualified knowledge or experience

1.2 Document Conventions

All the table caption in italic. Section starts with bold letters. All images and tables must have captions. Web-sources references must available in URL.

1.3 Project Scope

Q&A software is often provided to corporate and specialist sites, so the site and its users can be asked questions as well as provide or receive expert answers to them. This kind of software is particularly useful for responding to questions regarding specific organization. Users may learn by regularly answering questions or exchanging views with other organization staff and community using the website.

However, in recent years, community Q&A sites tend to embrace newer interaction designs than the other types of Q&A sites, by providing features like tagging and rating interfaces, RSS feeds, and highly interactive browsing and searching capabilities. These features used the crowd power to evaluate the quality of answers and also the reliability of the contributors. Some communities as stack-overflow tags the users received highest votes in a given domain as "Excellent answer provider". These new features generally integrate expert verification and service into Q&A community sites.

1.4 References

- <https://thenextweb.com/news/sites-people-opinions-questions-answered#:~:text=Answerly,using%20a%20custom%20Google%20search.&text=Aardvark%20uses%20an%20entirely%20new,and%20receive%20answers%20to%20questions.>
- <https://aelieve.com/rankings/websites/category/reference/best-question-and-answer-sites/>

2. Overall Description

2.1 Product Perspective

Charusat Quora is the follow-up of the existing Quora website to answer and ask queries for local Charusat University. This product replaces the existing Quora due to local needs of Charusat people to sought out locally.

2.2 Product Features

Major features of Charusat Quora are:

- Enrollment and account creation
- Recovery of accounts
- Searching of questions
- Asking of questions
- Answering of questions
- Voting/Devoting of answered questions
- Showcase of answers with voted rankings

2.3 User Classes and Characteristics

As Charusat Quora is targeting the local needs of Charusat University, the user classes are the people of Charusat only namely:

- Charusat Students
- Charusat Teachers
- Charusat Staff Members

For the Characteristic concern every individual will be allowed to ask and answer the questions according the needs and knowledge. Also anyone having an account in Charusat Quora can Vote/Devote the Answers for good ranking and rumor less environment.

2.4 Operating Environment

- Any Operating System in market
- Any Browser in market
- Any Computer Device having internet and browser support

3. System Features

3.1 Enrollment and Recovery of user

3.1.1 Description and Priority

Enrollment feature makes the user to create its account to use the website to its deeper extent. It includes sub-features like sign in, login in, password authentications, password recovery in case of forgotten password, etc.

Priority: Medium

3.1.2 Stimulus/Response Sequences

The various alerts and messages would timely notify the user to make the website user friendly. For instance, On signup: "You are successfully a member of Charusat Quora!". will be notification on screen to give user an assurance. And thus the entry pass will be approved for user to use the main features of website.

3.1.3 Functional Requirements

The credentials would be accepted with perfection. On the invalid credential entry the alert of invalid credentials should be popped up.

3.2 Asking and Answering of Question

3.1.1 Description and Priority

This feature enables the user to use one of the main feature of website, to ask and answer the queries on the portal.

Priority: High

3.1.2 Stimulus/Response Sequences

On successful operation of asking or answering respective alerts will notify the user for assurance. For instance, On Answering: "Your answer is uploaded on Charusat Quora!" will be notification on screen to give user an assurance. And the Question/Answer database will be reflected with so.

3.1.3 Functional Requirements

If answer or questioning, the space allotted for its use should not be left empty to be able to press the submit button successfully. So the empty field alert would be raised and popped up.

3.3 Upvoting/Downvoting

3.1.1 Description and Priority

This feature enables the users to upvote and downvote the answers which are answered by other users to make those answers ranked to be displayed accordingly and make the environment rumor less.

Priority: High

3.1.2 Stimulus/Response Sequences

On successfully voting or devoting alerts the user with successful notifications. And the upvote and downvote will be allotted to the particular answer.

3.1.3 Functional Requirements

On voting his/her own answer stops the user with "Can't vote your own answers" again to make the rumor less environment.

3.4 Search a Question's Answer

3.1.1 Description and Priority

This feature enables the user to use the main feature to search the needed answer to his/her questions by writing the question in a allotted Search Box

Priority: High

3.1.2 Stimulus/Response Sequences

On typing the question and pressing the search button, the related questions and their answers will be reflected in the screen with the voted ranking manner.

3.1.3 Functional Requirements

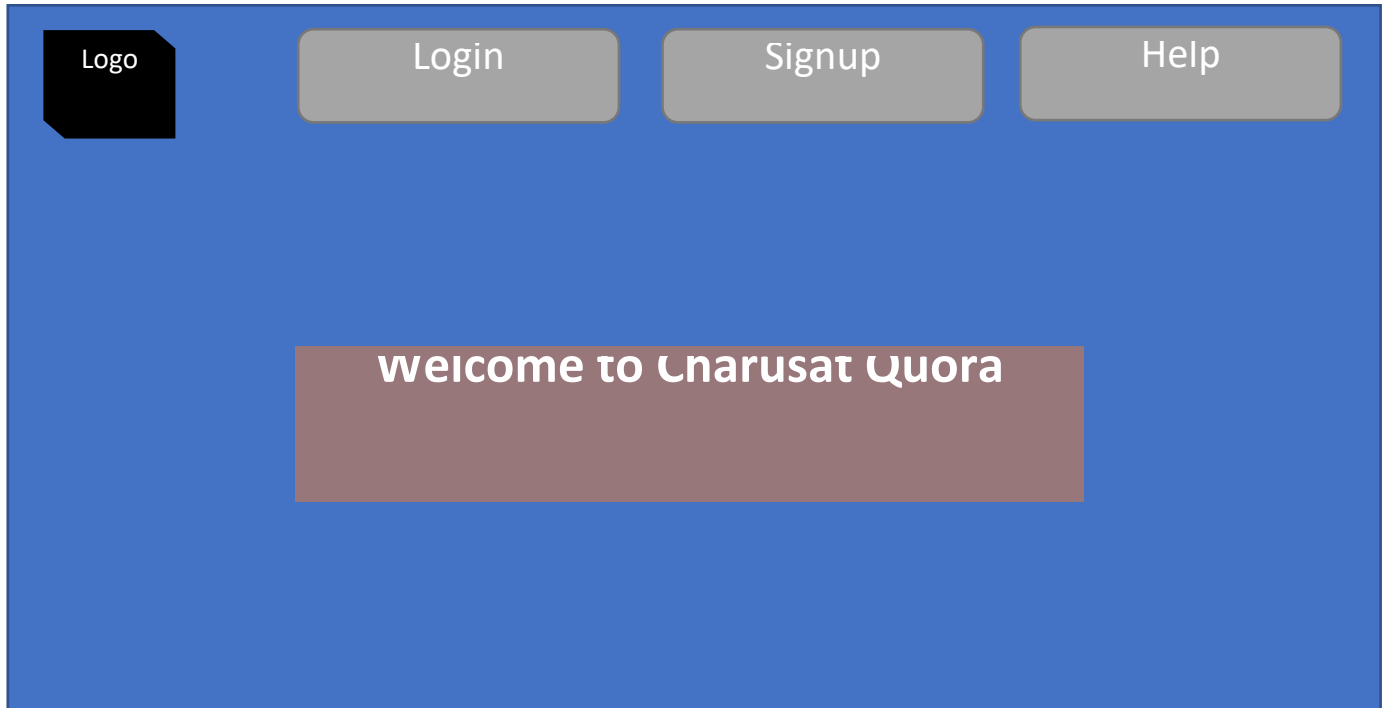
Searching the question will provide the related questions and answers in the screen. There will be voting functionality here also for the questionnaire's satisfaction and answering persons ranking decision sake.

4. External Interface Requirements

4.1 User Interfaces

GUIs:

Landing page:



Signup:

Logo

Login

Signup

Help

Email

UserID

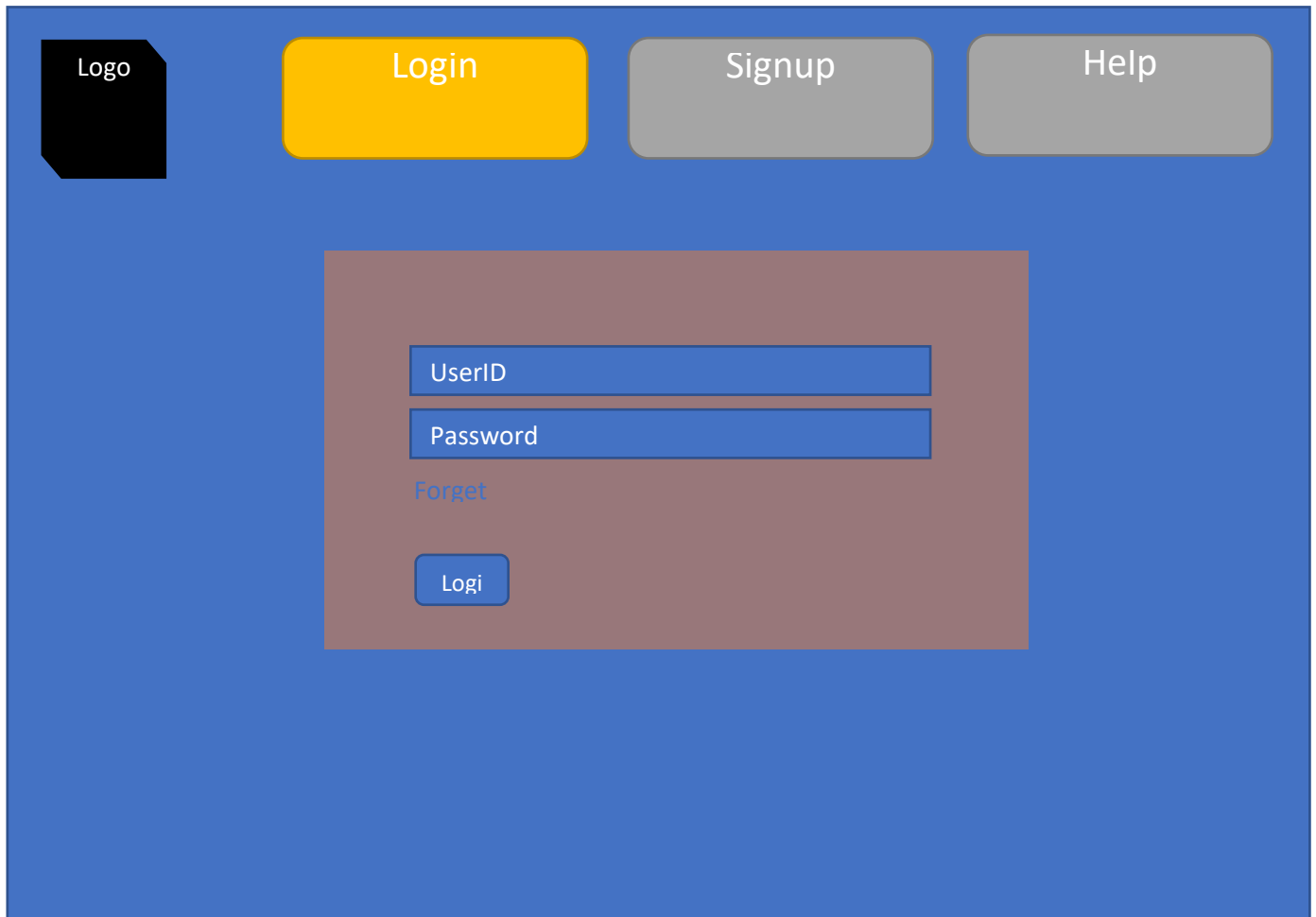
Password

Repeat Password

Sign

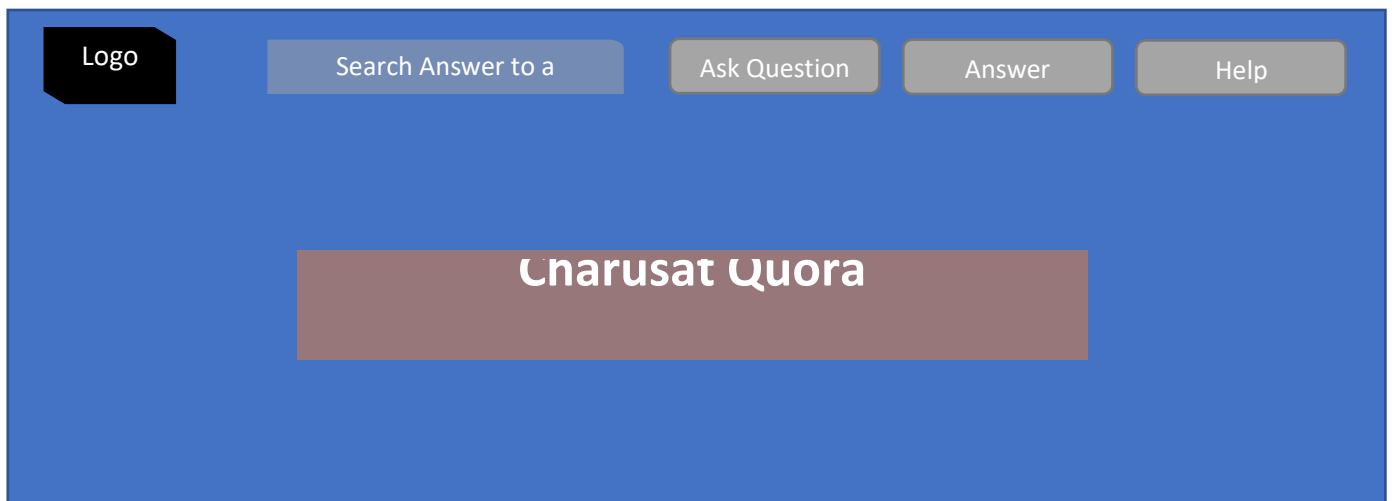
Software Requirements Specification for <Project>

Login:



The login page features a blue background. At the top left is a black logo placeholder labeled "Logo". To its right are three buttons: a yellow "Login" button, a grey "Signup" button, and a grey "Help" button. In the center is a light brown rectangular box containing a "UserID" input field, a "Password" input field, a blue "Forget" link, and a blue "Logi" button.

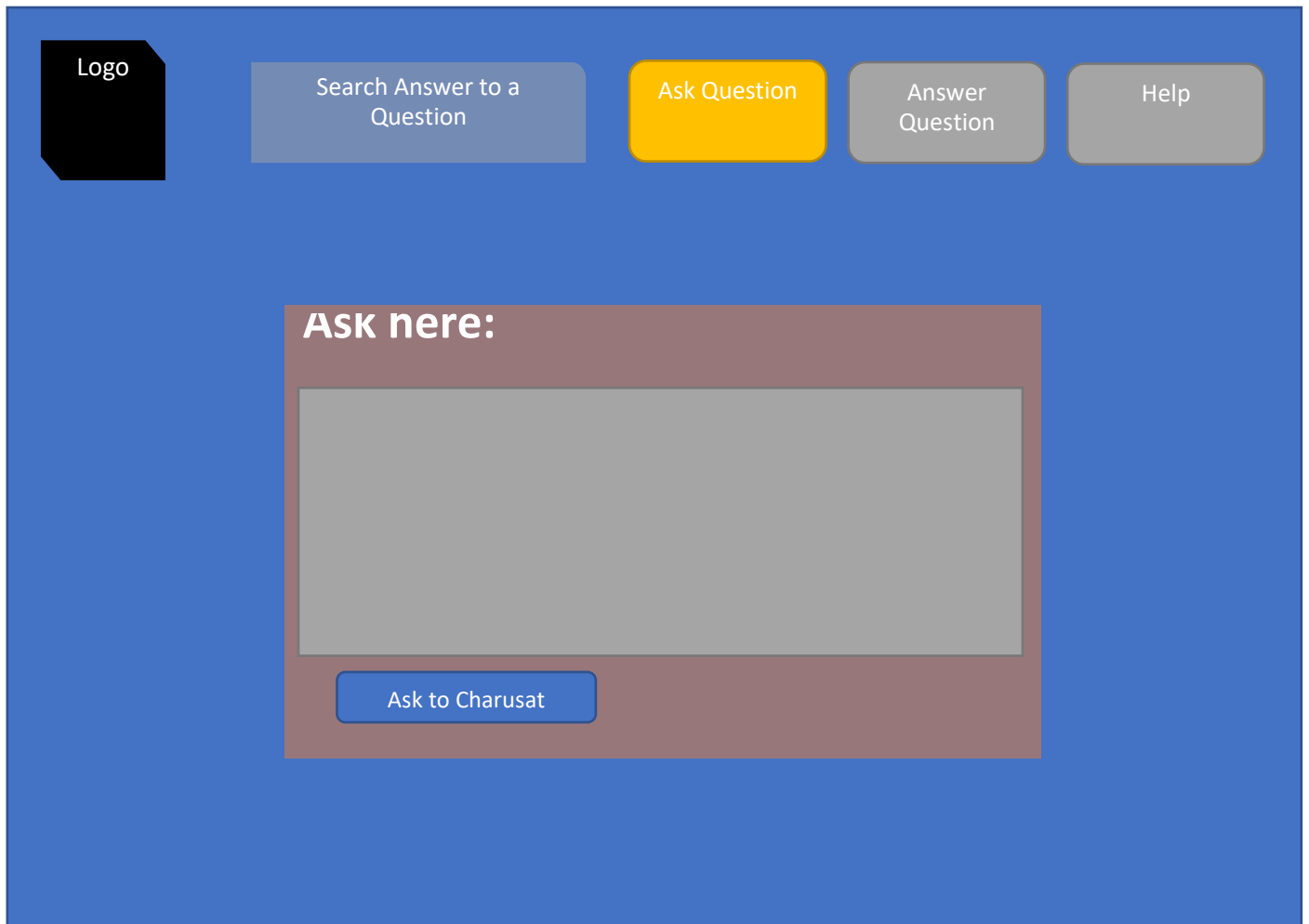
Home page:



The home page features a blue background. At the top left is a black logo placeholder labeled "Logo". To its right are four buttons: a grey "Search Answer to a" button, a grey "Ask Question" button, a grey "Answer" button, and a grey "Help" button. In the center is a light brown rectangular box containing the text "Charusat Quora".

Software Requirements Specification for <Project>

Ask question:



The image shows a user interface for asking questions. It features a blue background with a top navigation bar containing four buttons: 'Logo' (black), 'Search Answer to a Question' (light blue), 'Ask Question' (yellow), 'Answer Question' (light gray), and 'Help' (light gray). Below the navigation bar, there is a central area with a brown header labeled 'Ask here:'. Under this header is a large gray rectangular input field. At the bottom of this input field is a blue button labeled 'Ask to Charusat'.

Logo

Search Answer to a Question

Ask Question

Answer Question

Help

Ask here:

Ask to Charusat

Logo

Search Answer to a Question

Ask Question

Answer Question

Help

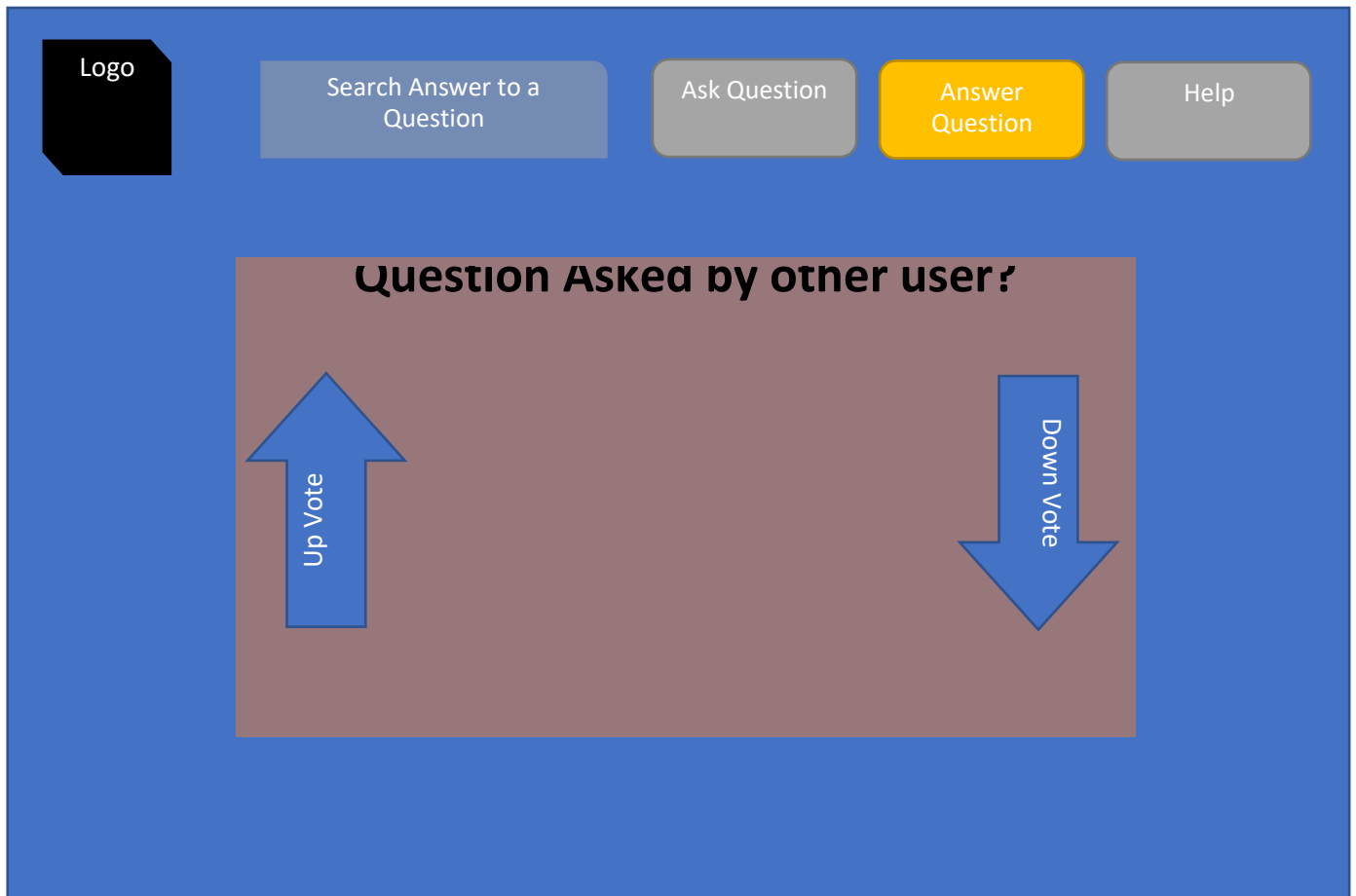
Question Asked by other user?

Answer here:

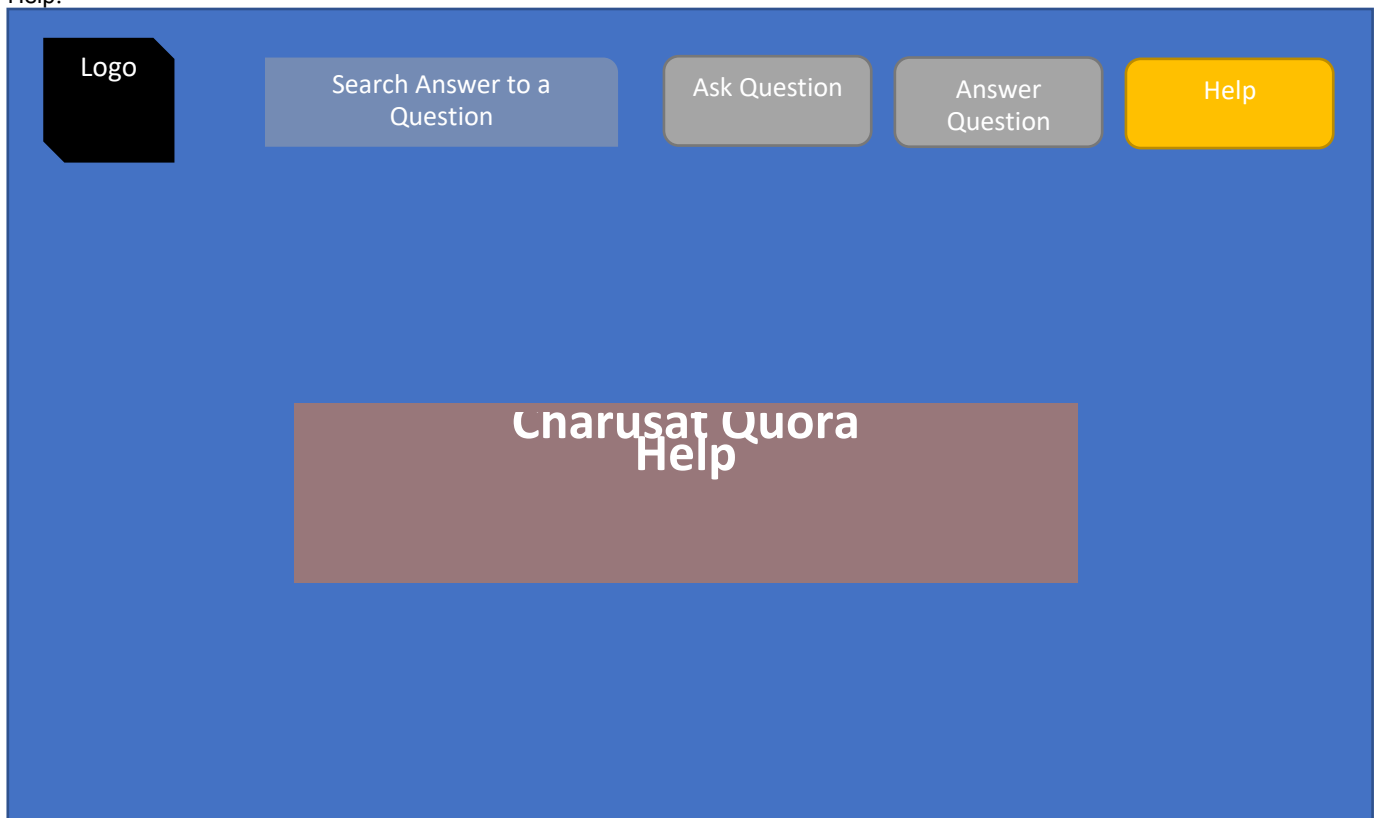
Upload Answer

Software Requirements Specification for <Project>

Vote:



Help:



5. Other Nonfunctional Requirements

5.1 Performance Requirements

Any compatible browser capable of running latest version of HTML, CSS and MERN stack technologies and a stable internet connection.

5.2 Security Requirements

Authentication is required to use the website.

5.3 Software Quality Attributes

Website is responsive to the most basic of mobile and PC screens. It is Robust and is Re-usable. It is reliable and no prior knowledge is required to use the website.