

ASKR

Requirements Specification Version 1.0

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1. INTRODUCTION

The purpose of this document is to make a list of the requirements that would help in the commencement of the web application development.

The general purpose of the project is to build a web application for community decision-making where the users can post a question or issue so that the other users can either vote for an option or suggest a different option altogether which can again be voted . In general ,the web page will show a set of questions with set of responses having the respective number of votes.

2. FUNCTIONAL REQUIREMENTS

The functional requirements focus on those features the application is actually intended for and whether they conform to user/client specification.

Owing to time and resources bound restraints , the functional requirements have been further divided into two categories.

1. The “must” be present features
2. The “may be” features.

The former highlights the basic minimum features necessary for the web application project to be completed.

The latter could be implemented if/when there is sufficient time after completing the basic minimum features and functionality.

Example : Integrating the web application into Facebook, adding images or voice to embellish the web-page.

2.1 The “must” be present features.

Enlisted below are the mandatory functions of the web application.

1. The tentative name of the web application “ASKR” to be displayed on the top of the page .If Bootstrap is used, then preferably on the nav bar .
2. The login form also to be displayed on the first page. If Bootstrap is used , then login credentials input and submit forms appear on the top nav bar by default.
3. Assuming the bootstrap is being used , the logo/app name and login creds occupy only the top nav bar , so a couple of sample questions and the response with maximum votes can be displayed to fill the body of the page.
4. (??)For example : The most popular question about restaurant with maximum number of votes/suggestions could be displayed , OR the most recent question with the responses and votes till now can be displayed with a small blinking pop-up message “On-going hot question : sign-up to find out more!”
5. (??) (If there are lot of questions/responses on the login page itself , it may appear cluttered and giving away too much info on login page itself may not be good, whereas providing bits of selected info on login page will not only look good , but also could arouse curiosity in the user :-))
6. Feature to enable the first time users to sign-up/register on the app.

7. Enable a person create an account with the email ID and a password
8. (??) Only those users with an account to be given write/edit/delete and full content reading privileges. (So , people who do not have account/those who have not yet logged in, cannot see all the questions and response, but can only see whatever is there on the login page)
9. (??) Footer (bottom part of the login page) may contain the address/copyright stuff/contact details of the app admins.
10. After the user logs in / signs up and then logs in , he/she should be able to do the following :
 - a) User can post a question(same user can post comment also for his question)
 - b) (??) Delete a question (which only he posted previously ? Or anyone can delete any question ?)
 - c) Questions can have any number of viewers (who have an account)
 - d) Users can post comments
 - e) Comments have like and dislike buttons (thumbs-up/down or up arrow / down arrow alternatively) to indicate who favors and who don't
 - f) Comments should also have records of user names who

like/dislike

- g) User can like/dislike one comment only once
(Recommendation : better to handle like/dislike function using AJAX and JSON)
- h) As and when comments from various users accumulate , there should be initial set of comments displayed – Newest (most recent 'x' number of comments) first.
- i) (??)Button to expand all the comments from the beginning, clicking the same button to hide the oldest comments too. (List of all comments with pagination)

2.2 The “may be” present features.

1. 'Search' option to find a specific question OR 'Search' question posted by any user. (PLEASE CHOOSE ONE OF THESE)
2. If the latter of the above is chosen , a feature that displays a page where all questions from a particular user can be seen.
3. (??)Enable the user to track the question status . (What are the different statuses proposed ?)/alternatively , would notifications work ?
4. Various filter options to narrow down based on a specific question/user/category . For example : search by user /search by keyword like food/restaurant or movie/cinemas or a user searching for questions/responses from another specific user.
5. (??)Provision of 'Search by' or filter by an already set of pre-defined categories or both ?