Web Programming

Project Name: Answers Kart

Milestone-3

Team Members: Dinesh Kumar Paladhi, Bhavani Manthena, Yasaswini Surapaneni

AnswersKart works with all the following features

* Can search any user – We implemented this using Auto Complete
* Can Upvote and downvote – Used Ajax
* New User can register using Sign Up page
* Can select Best Answer for a question- This can be done only by the question asker
* Special Privileges to admin – Can delete, edit and freeze question.
* Freezed questions cannot be answered and best answer tick mark cannot be changed.
* Many more features

Out of all these, some of the key issues are

* We added a new table called votes table which store vote values
* Added another column as total votes in questions table and answers table
* Added Best marks column in answers table to indicate best answer.
  + Everytime when we click on the best answer icon it redirects us to the a separate ajax page and using the response from the ajax page we change the color of the tick mark.
* Added Freeze column in questions table to indicate whether a question is freezed or not
* Used Accordion for help page.
* Search also sends some input to a separate ajax page for search and then we get response from that page and it is stored and displayed.
* Scores for every user is calculated using a sql query using Group by and Sum key words.
* Total number of questions for each user was found out by writing a query using COUNT keyword.
* Pagination:
  + First we wrote a query to find out the total number of items on that page and then we divide the total items by the number of items to be displayed per page. Now we wrote another similar query which limits the items on each page. This is done using (current page -1)\*number of items per page.
  + And pagination is displayed with starting page number, last page number, current page, current page -2 and current page +2.
* One Page was working in local host and it was not working when dockerized. The page is not detected when dockerized, this was because the file name had a Capital letter in the beginning. The localhost does not take this as an issue and the response of it is 302. This was resolved by renaming it to all small letters. So Case sensitivity is important.