SPHINX 2.0
(27th-29th September 2018)

HACK-E-WEB

A Website Hackathon

Theme: Question Answer Platform

The main aim of this hackathon-problem is to build a Question and Answer Platform that will be Internet based. The system will provide its users with the facility of asking their questions, sharing their knowledge and expertise and answering the questions asked by others. Users will be provided with the interesting problems belonging to their fields of interest which they can answer based on their experience. This system will act as a global platform for asking and answering the questions belonging to various fields.

You need to develop a website, which will have the following functionality:

1. All pages must be responsive and can be used in any device. The developer can use Bootstrap for getting responsiveness.

2. Questions content can include Text and Images and Answers can include Text, Images, PPTs, PDFs and Videos.

3. A user can view questions and answers related to his/her Fields of Interest only after getting logged in.

4. Login-Page: -
The user can login with Email and password and has a facility of "Forgot Password". After Successful login, a user will be redirected to "Home" Page.
User can also login through Facebook, Twitter, Google+ if he/she has done his registration using these methods.

   There must be a fixed user (Admin) in DB superadmin@xyz.com and password can be "Qapaash@20".

5. Forgot Password Page: -
It will ask an email, which must be present in the Database and then it will send an email to the user with a random password, which can be changed later after log- in by the user.

6. Registration Page: -

This page will have "First Name", "Last Name", "Email", "Password", "Confirm Password", Registration facility through Google+, Facebook, Twitter and then update profile option. You can include other details as per your need.
It will ask for the user's level of expertise (amateurs, professionals, etc.).

7. Change Password Page- After login.
8. Home page: -
   ➔ Display the asked Questions and the answers given for them according to the user's fields of interest
   ➔ A user can ask a Question specifying the category to which it belongs
   ➔ A user can answer the questions displaying on this page
   ➔ Notifications
   You can include other details as per your need.

9. User Profile Page:
   a) Questions asked by the user
   b) Profile Picture of the user
   c) Answers Given by the user
   d) Saved answers and posts
   e) Number of people the user follows and those following him/her.
   f) Selected fields of interest
   You can include other details as per your need.

10. Pages displaying the list of people the user follows and those following him/her. Page will have the following features: -
    a) Unfollowing the followers
    b) Adding the following to the list of followers

11. Inclusion of the following features:
    ➔ Upvote and Downvote the question and answer
    ➔ Save the answer
    ➔ Report the question or answer
    ➔ Suggesting edits in answer
    ➔ Comments
    ➔ Follow the people who have posted the answers

12. Super Admin can perform the following functions: -
    a) He/She can control that no inappropriate content is posted.
    b) Super-admin can add fields of interest
    c) Handling all the report requests

13. A way to check that if a question was already asked, then the user is informed that the answer is already available. **Optional** (Extra marks will be awarded for this functionality).
14. User can register and log in through Google+, Facebook,Twitter Account.   **OPTIONAL.**

*** Marking will be done on basis of the number of functionalities you have implemented, Partial marking of functionalities is allowed (as per judge decision) ***

***Participants have to describe their project including ppt in the given time.
(No extra time will be given).After that Questionnaire section in which judge will ask questions based on project and web Related knowledge.***

Marking Scheme (with respect to deliverables): Total 300 Marks.

1. Screenshot and Design   - 60 Marks
   a) Design/wireframe/blueprint.
   b) Style.
   c) Attractiveness.
   d) Effectiveness of link (used for toggle across page of link).
2. PPT + Presentation of content   - 50 Marks
   a) Understanding of the problem (Adherence to theme).
   b) Presentation skills.
   c) Questionnaire section. (Proper answers to questions asked by judges) 2-5 minute at end.
3. Source code + Readme txt file   - 60 marks
   a) Code scalability.
   b) Quality of the code.
   c) Accuracy (Correctness) on the site (Grammatical error).
   d) Conciseness. (Originality).
4. DataBase Description   - 30 Marks
   a) Proper description of tables in DB in presentation.
5. Responsiveness   - 50 Marks
6. New Technology
   And Dynamic Website   - 50 Marks

7. Extra functionalities related to problem statement   - Extra 20 marks.
                  (on each new functionality, Based on Judge Decision).

Fill out the google Form: (as provided in your mail or on sphinx 2.0 site)

Note:
1. No submission after the time described in schedule.
2. The website developed and submitted should be strictly in accordance with the Problem Statement.
3. The decision of the judges shall be treated as final and binding on all.
4. The participants (specially team leaders) should not leave the competition during the competition. Otherwise the team will be disqualified.
5. **No** further details (regarding the implementation) will be provided by the coordinators, coordinators can clarify the problem statement only.

Date of Submission: As per Described in Schedule on Sphinx 2.0 site (sphinxmnit.org).
Venue: lab 4, computer center, Prabha Bhawan, Mnit Jaipur.