American International University-Bangladesh
Faculty Science & Technology

OBJECT ORIENTED PROGRAMMING - 2

Final Term Project

INFO STRAINER

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Statement of Work

1.Objective

The lack of proper resources and ideas for any kind of work has always been a struggle for anyone. From A researcher who lacks the proper information for his work to someone who just wants to know what's happening currently, grasping valid information now a days in a vast social media-based society where a posts reach is more important than the sources authenticity, our project tends to break that particular norm and give people the knowledge, idea or news that he/she needs as early as possible and as authentic as possible.

Our objective for this project is to create a rumor or false information free platform where people can share their knowledge and ideas with proper authenticity also get the news or information that they need instantly.

2.Scope

- ➢ To provide only Authentic Information to the mass population.
- ➢ To create a platform free from untrustworthy resources.
- ➢ To provide valid and updated information as soon as possible to the people.
- ➢ To neutralize the rumor-based trend for fame.
- ➢ To create a platform where authenticity thrives more than misinformation.

3.Proposed System

For the dire need of authentic resources and information now a days, we intend on creating a platform where people can confirm the news or information they get from news journal experts, active law enforcement employees, researchers and many more. The user would just have to post his/her queries in the posting section and that would get reviewed by experts who would the comment the answers just right below as comments. This platform provides the users with information backed up by not only just new journals and research papers but also by people who are currently working in that specific field and are currently active in it. This will lead to a state where misinformation and rumors will be debunked in a literal state. Also, with the help of this system even major social calamities like uproars, movements or even political strikes would be down to a minimum as the users and people's queries would be confirmed instantly by the authentic sources.

SOFTWARE REQUIREMENT SPECIFICATION

4.Application Login.

➤ The Platform will have a login page where the user can select the options to log in as an Expert or a General User.

➤ Before achieving the authorities as an expert that individual would have to go through a process of providing his/her field experience, work, name, contact and other necessary information in a different submission forum.

➤ Both of the Logins would require an email and password.

➤ If the email or password is incorrect the user would get a message notifying that the credentials that he/she has provided is wrong.

➤ If the user forgets the password for his account there would be a forgotten password option and after confirming that he/she is the user the system would then send a code to the user.

➤ If the user inputs a wrong password 5 times the page would temporarily block the account and the page would auto generate an alert message in the user's mail.

4.1. Home Features.

➤ There will be a search option where the user can search by typing manually also tag options would be provided with the search bar where just by selecting the tags the tagged topics would show up.

➤ There will be a posting section where users can post their queries or confirm recent topics by logging in as an expert.

➤ The users would be able to change their general information along with pictures in the "Profile" section

➤ If the user wants to change his/her account email and password they can just select the "Account" option and select what the user wants to change. And for

further authentication the users will be provided with a "confirmation code" which would be sent to their emails

➢ If the users face any sort of problems or bugs with their accounts, they can contact the admins by selecting the "Help and Support" option.

4.2. Posting Options and Others.

➢ The Users can post their questions in the "Post Box" and also can enable who can see the post.

➢ They have to select a definite category by using "Tags" with their posts so that the experts whose background matches that category can answer the queries not the ones who are unrelated.

➢ The users would also have a "Report" option which will enable them to report to the admins if he/she thinks that a particular post or comment contains any sort of misleading or inappropriate content.

➢ The users would also have the option to "Delete" the post and be able to disable the "Comment Box" if he/she is satisfied with the answers and resources from the experts and other users.

➢ The user whose question will be answered in the comments can also have a "Highlight" option to select the best answers from the comments so that other users can find that particular information.

➢ Other users would be able to "Share" that particular information into their own profiles.

4.3. Help & Support.

➢ There will be a Help and Support option in every page.

➢ If they have any queries regarding the system just by Selecting the "Help and Support" option they will be redirected to the FAQ section.

➢ The users can also manually ask their queriers into a support box which would then be reviewed by the admins.

➢ The admins will provide the answer to the user via a no reply account.

➢ If the admin recalls that the user is facing a serious issue or bug the admins would directly contact the user for solving the issue.

System Features.

5.1. Admin.

➢ Admin can login to the system via a portal link.

➢ Admin can view the expert applicant's information forum and verify them as experts if the information is valid otherwise decline the application.

➢ Admin can set community margins which all of the users have to abide by.

➢ Admin can view reports given by the users. If the reports cross the community margins and are proven to be valid Admin can block the reported account or forcefully deactivate it.

➢ Admin can delete or hide any kinds of offensive comments or post and mark them as warnings to the users. If the user still doesn't rectify his actions the account will be temporarily blocked.

➢ Can fix the bugs and monitor the tags being used.

➢ Reply messages from help & support if needed can contact directly.

➢ View and manage the database.

5.2. Expert Account.

➢ A general user can only sign up with an Expert Account if his/her information is reviewed and verified by the admins after a certain period of time.

➢ Experts can log in to the platform (After a thorough review of the applicant's information)

➢ Experts can use keywords which relate to their background and use them as tags.

➢ Experts used tags would let them view queries of general users related to the experts' background

➢ Experts can search recent topics and even post their researches along with their contribution in their own profile home page.

➢ Experts can also allow other general users to view their researches.

➢ Experts can comment on post's and also attach notes, research papers even resources to back up their statements.

➢ Each time when a user selects a particular expert's comment and highlights it with the "Highlight" option the "Expertise Level" (a hierarchy system) of that expert increases.

5.3. User Account.

➢ Users can login to the platform by signing up using an email.

➢ Users can post their queries or even look up in the search bar if that question has already been answered or not just by using simple tags in the search bar.

➢ Users can follow their favorite experts and can contact them if the experts allow them to.

➢ Users can conduct researches along with their favorite expert and post it on their profiles section.

➢ Users can also view other users queries and can answer them as well.

➢ Users can highlight their favorite answers with the "Highlight" option.

➢ Users can report offensive posts to the admins that break the community margins.

➢ Users can enable or disable the comments section if they think that they have received their answer.

➢ Users can contact the admins via the "Help and Support" options.