***Ask Me Solution***

Summary:-

Ask Me Solution is an online discussion site where people can hold conversations in the form of posted questions and answers regarding any technology (php, c, python, etc.)Each question can be replied by as many people as so wish. Users have to register with the forum and subsequently log in to post messages. The users can post their answers as many times as he wish. Users can freely share ideas about their knowledge in particular technology. They can even filter their queries by technology. User can ask their own queries and post answers for the same. It features questions and answers on a wide range of topics in different programming languages. “Ask Me Solution” name for the website was chosen according to the behavior of the website i.e. ask questions and get a simplified solution for it. This site will work great for beginners because experts across the world can share their ideas and knowledge. All the records related to user or posts are stored in database.

***Introduction:-***

Ask Me Solution features questions and answers on a wide range of topics in computer programming. It serves as a platform for users to ask questions, and answer the same. User need to register to post their own questions. Guest users can simply answer the questions posted by registered users. Following are the features that are encapsulated in this project:

**HOME**

Home is the main page for any user who visits the website. It contains the block of posts that are sorted in latest to oldest order. User can respond to many post any number of times and give an appropriate solution.

**QUERY**

A query is a user-submitted question into a block containing the user’s name, technology, and date it was posted. Registered users are allowed to edit or delete their own posts. Queries are meant to continue discussion about that questions asked by other users or respond to other replies. A single query can have multiple solutions for it and same user can respond to same query more than once. When a registered user posts a query it will jump to the top since it is the latest updated thread.

**REGISTER**

Users can register themselves by entering few personal details and establish a profile. Registered users can gain access to more functionality, such as establishing a profile and edit the same, post their own queries, edit and delete their queries, watch videos or tutorials. They can even upload or download the code for a particular technology. They can give their feedbacks too. Once their work is done, they can logout from the website.

**VIDEOS**

Only registered users can get the privilege of accessing the videos. Videos are basically tutorials for all the technologies so that the user can get an practical experience of a particular technology. They can search for a particular video and watch it.

**CODE**

Only registered users can gain access to the code section. It includes a piece of code followed by technology name, username who posted, date on which it was uploaded, and a short title of the code file. Here users can upload the code files and download the code files. User can upload code file with extensions like .php, .py, .c, .css, etc. User can view code uploaded by other users and download the code file.

**ABOUT US AND CONTACT US**

As one of the most visited locations on any given company’s site, the "About Us" page plays a large role in the first impression that you leave on a potential customer. This is where they come to learn more about your website and the people behind it. Both registered users and non-registered users can access these pages. About us page includes the sole purpose of the website and other information. Contact Us page is accessed by both registered and non-registered users. Contact page is quite important and help to set the tone of future relations with your clients. It includes fields like name, email, phone number, and a message.

***Users of this project are:***

1) Customer/Client/User: - As we have already seen, there can be registered users and non-registered users. Registered users can access many privileges compared to guest users.

2) Administration: -In any website administration plays a very vital role in controlling the whole website. It manages the website like adding pages, images, changing layout, etc. Admins make it all run. Here administrator is responsible to manage the whole database. He controls all user accounts and grant access according to their roles. He is responsible for uploading videos or tutorials. Even he has the authority to ask any query and get response. An administrator also manages various things which are stated as follows:

* Manage Database
* Manage user accounts (Disable, enable and delete)
* Edit and delete any feedback
* Manage videos (Upload, edit and delete)
* Manage cities, countries and states
* Manage technologies

***Tools and Technologies***

1. Front end

* PHP
* JavaScript
* Ajax

2. Back end

* phpMyAdmin(database)
* Xampp Server

***Lessons learnt***

* Developing website in php
* Queries in MySQL
* Javascript
* Embedding CSS