3. How Does It Work ?   
Firstly, I break the structure of the system, I realize that using seperated database help me in manage information easily. In my web I design 2 databases 1 is for user and another for question.

**3.1 Structure Of Database:**

**Coursework Database:**

* **User:**
  + ID
  + UserName
  + Password
* **Question:**
  + ID
  + Name
  + Tags
  + Comments
  + Publisher
* **Comment:**
  + ID
  + Comment
  + QuestionID
* **Image:**
  + ID
  + ImageField
  + QuestionID
* **Notification**
  + ID
  + Title
  + Detail
  + Reply
  + UserID

**4. Tech in use**

**HTML (HyperText Markup Language):**

HTML is the backbone of web pages. It provides the structure and content of a webpage through a system of markup tags. HTML defines the basic layout of a webpage, including headings, paragraphs, images, links, and other elements. It's essential for creating the semantic structure of your web content.

**CSS (Cascading Style Sheets):**

CSS is used to style the HTML elements defined in your webpage. It allows you to control the presentation, layout, and design of your website, including aspects such as colors, fonts, spacing, and positioning. CSS enables you to create visually appealing and consistent designs across multiple pages of your website.

**JavaScript (JS):**

JavaScript is a versatile programming language that adds interactivity and dynamic behavior to web pages. With JavaScript, you can create features like interactive forms, animations, image sliders, and much more. It's particularly useful for enhancing user experience by providing real-time feedback and responsiveness.

PHP (Hypertext Preprocessor):

**PHP** is a server-side scripting language commonly used for web development. It's used to handle tasks that cannot be accomplished by HTML and CSS alone, such as processing form data, interacting with databases, and generating dynamic content. PHP runs on the server, which means it can dynamically generate HTML content before sending it to the client's web browser.

**Bootstrap:**

Bootstrap is a front-end framework that provides a collection of pre-designed and pre-built components, layouts, and stylesheets to streamline the process of building responsive and mobile-first websites. It's based on HTML, CSS, and JavaScript, and it offers ready-made solutions for common web design challenges, such as grid systems, navigation bars, buttons, forms, and more.

In project, using HTML, CSS, JavaScript, PHP, and Bootstrap together allows to:

* Create the structure and content of your webpage with HTML.
* Style and design your webpage with CSS, ensuring consistency and visual appeal.
* Add interactivity and dynamic behavior to your webpage with JavaScript.
* Handle server-side operations, such as form processing and database interaction, with PHP.
* Utilize Bootstrap's pre-designed components and responsive grid system to build a mobile-friendly and visually consistent layout.

**5. Function of the website:**

**Displaying a list of questions/posts (Homepage):**

This function serves as the landing page of the website where users can browse through a list of posts/questions.

* Each post typically includes the title, content, author, date/time of posting, and possibly other metadata such as tags or categories.
* Pagination is implemented to limit the number of posts displayed per page, with navigation options to navigate between pages.
* Users can click on a post title to view the full post and its comments, if applicable.

**User Page (User Profile/Management):**

Users have their own profile page where they can manage their posts and account settings.

Key functionalities include:

* Add Post: Users can create new posts/questions by providing a title, content, and optionally uploading a screenshot.
* Edit Post: Users can modify the content of their existing posts.
* Delete Post: Users can remove their posts from the platform.
* Upload Avatar: Users can upload an avatar/profile picture to personalize their profile.
* Authentication and authorization mechanisms ensure that users can only perform actions on their own posts and profile..
* Tracking notification

**Upload Screenshot (Post Creation/Editing):**

This feature allows users to upload screenshots along with their posts to provide visual context or aid in explaining their questions or problems.

* Upon creating or editing a post, users can select an image file from their device and upload it to the server.
* The uploaded screenshots are stored securely and associated with the respective post for easy retrieval and display.

**Admin Page (Administrative Dashboard):**

The admin page is accessible only to authorized administrators and provides a range of functionalities to manage the website and user activity.

Key functionalities include:

* Receive Notifications: Admins receive notifications for new posts, comments, or user activities requiring attention.
* Create User: Admins can create new user accounts, assigning roles and permissions as needed.
* Delete User: Admins have the authority to delete user accounts, with options to suspend or ban users if necessary.
* Reply to User: Admins can directly interact with users by replying to their posts or messages, providing assistance or guidance.
* Security measures are implemented to safeguard admin access and ensure that sensitive actions are performed securely.