**App Name:** GenZCodeHub

**Language Used**: HTML, CSS & JS

**Tool Used**: Visual Studio Code Editor & Firebase Database

**Synopsis of the APP**

During my 3-year journey of coding, I have learnt many languages and mobile application builders. While working on projects I often faced problems and searched for options where I can share my challenges and get some guidance/solution. This search for guidance/solution became an inspiration for **GenZCodeHub,** a place where people learning all coding language(s) be it as simple as JavaScript, python to as complex as C, C++ as well as mobile app builders can come together and help each other.

**GenZCodeHub is a community forum for software developers of all ages to connect, learn, and share tutorials, ideas and also to debug each other’s code.** It not only covers languages like Java script, HTML,CSS, python and C,C++ but also covers mobile application builder like Thunkable, Ccode.org. Users of this community can find easy description of web site on landing page along with a video. Users have to create login to add their topic of discussion or where he/she needs help, once it is added other users can reply to their post/query. They can expand and contract the text box in which they type and even Like the post by clicking the Like button.

**Working Procedure**

The first screen or the landing page is where you can know about GenZCodeHub, founders, alumni contact and also our first 3 testimonials. At the top of website, there is **navigation bar** to navigate the user to different topics. **Banner and Video** on landing page is a quick reference for users about GenZCodeHub. **Founder page** is about the founders along with their contact details. **Contact page** gives addresses and all social media presence of this website.

The most important part **is Login page,** users can enter this page from 3D Sign Up button on landing page or through **Login button** on navigation bar. On reaching the login page users have to create his/her login by entering their username and password followed by checking the box “Are you human”. Subsequent to that **guideline screen** will open which gives the user a list of guidelines which need to be followed while using this site. Users have to read and click on the **I Agree** button. Next page shows different communities like python, html, css and mobile app builder like thunkable, code org, users have to select the community in which they need help or would like to share their idea/guidance/response.

Once the user does that, site will open the selected community and greet user with **Namaste** followed by his/her username. Here user can either **create a new post** or can view **list of topics posted** by other users. Let’s first see how a post can be created, users can do so by first typing subject in blank row under **# Add issue** followed by clicking **the Add issue button** which will open a box with send button, here users can write their query in detail and finally click send button. Users can **log out** after adding their query by using **Logout button** at top left of the page.

If a user wants to **read /reply to a post from the list** of posts by other users, he/she will have to click on the post (that needs to be replied to) which will open a screen where user can

* see original query
* view answer by other users
* can see number of likes given by other users to the replier of query
* if he/she likes the reply he can click on **Like button** which will increase the total number of Likes to the reply.
* User can post his/her reply by writing on blank box below **send heading** and then clicking on **send button.** While typing, user can expand and contract the flexible text box by clicking on left bottom corner. The Text box accepts HTML tags and also accepts pre-formatted text.

Topic names must be non-empty strings and can't contain ".", "#", "$", "[", or "]".This has been mentioned in our guidelines page.

We look forward to Investment and internship!