

MINI PROJECT
(2021-22)
“Ladderly”
Status Report



Institute of Engineering & Technology
Submitted By -

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Overview of Status Report

- The project is 70% completed.
- The community section of the project has been implemented successfully.
- Considerable part of the “Ladder” section has been completed.

Initial Objective

The website comprises of mainly two sections -

1. Ladders
2. Community for Doubts

Ladders

- Users can pick from a wide variety of pre-built ladders.
- They can also then further customise them as per their requirements.
- The website will help the user by keeping track of all questions solved.
- This will help in simplifying the process of accessing and maintaining list of problems to solve

Community for Doubts

- A community which can help students to solve their queries related to their day to day technical field.
- They can share their doubts on that community which can be answered by anyone who is keen to help them.

Work done till now

Work completed in Community section -

- **Implemented Authentication of the community section.**

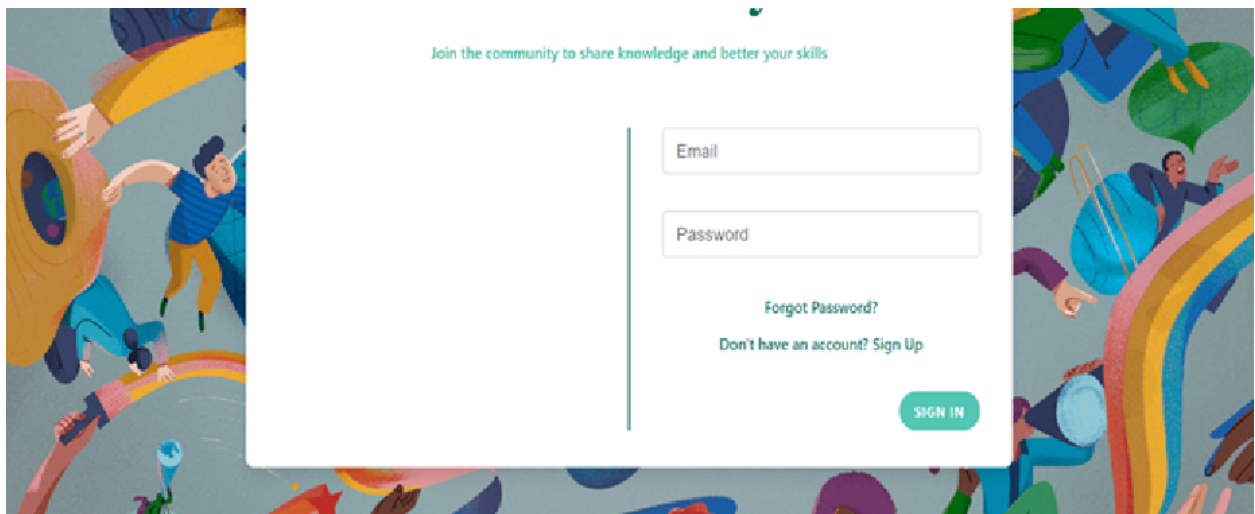
Its functionality can be easily transferred to the whole website providing user authentication across the board.

- **Completed the Community section.**


All the major tasks related to the section have been completed successfully.

Below are the screenshots of the project completed till now -

1) Login page :



2) SignUp page :



Join the community to share knowledge and better your skills

First Name


Last Name

Email


Password



Already have an account? [Sign In](#)


[SIGN UP](#)




3) HomePage:



Q  




What are you looking for? 


[SIGN IN](#) [SIGN UP](#)

 Shashank Jain


What is Java?

Java is a programming language and computing platform first released by Sun Microsystems in 1995. It has evolved from humble beginnings to power a large share of today's digital world, by providing the reliable platform upon which many

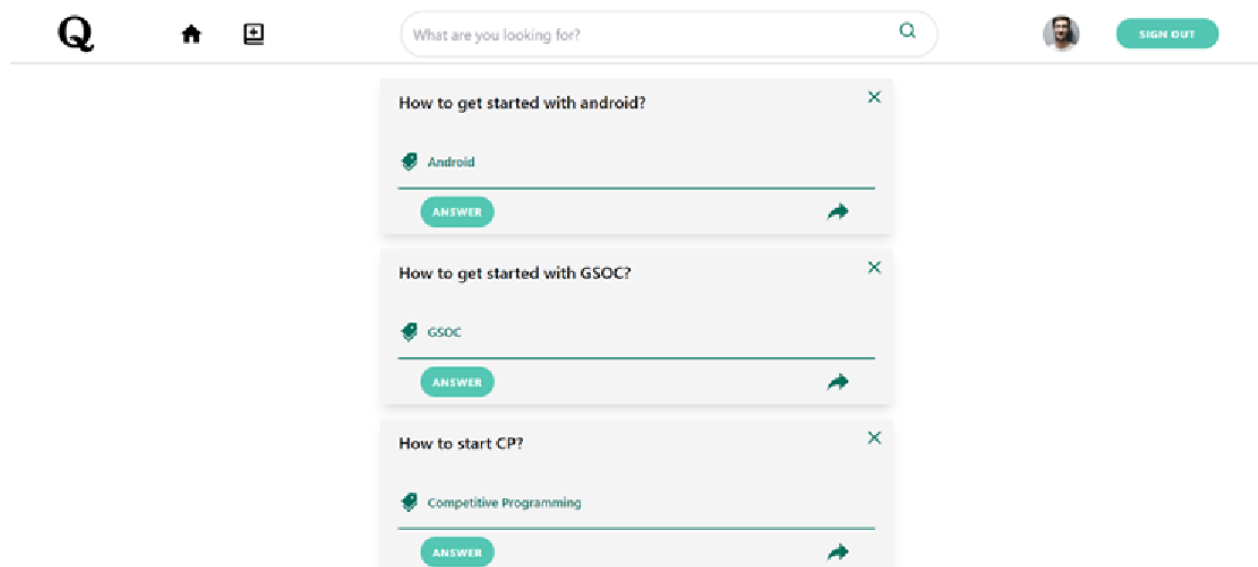
  

 Ayaan Javed

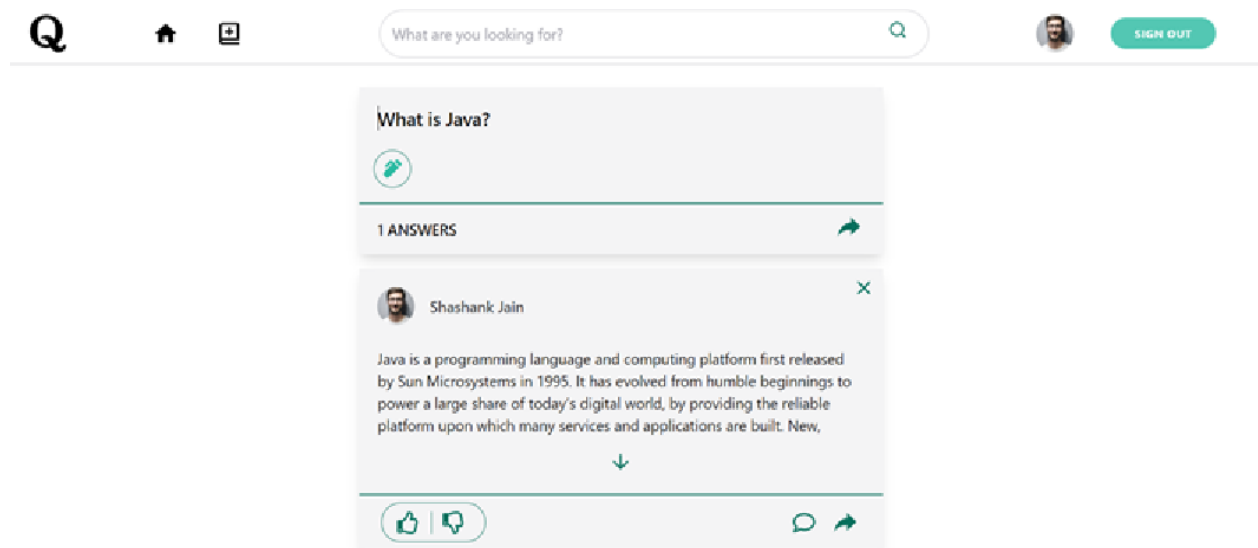
How to get started with android?



4) QuestionList :



5) QuestionPage :



6) Profile page:




The screenshot shows a user profile page for 'Ayush Dubey'. The header includes a search bar with the text 'What are you looking for?' and a 'SIGN OUT' button. The profile section features a circular profile picture of a man with glasses and a green checkmark icon. Below the name, there are two tabs: 'Questions' (active) and 'Answers'. The main content area displays a message: 'Sorry, there are no questions to display'.


7) Individual Answer Page :



The screenshot shows an individual answer page for 'Ayush Dubey'. The header is identical to the previous page. The profile section shows the name 'Ayush Dubey' and a green checkmark icon. Below the name, there are two tabs: 'Questions' and 'Answers' (active). The main content area displays an answer dated '11/9/2021' with the title 'How to start CP?'. The answer text is as follows:

Step 1 Learn C++ or Java. If you can learn C, you can learn C++ and I recommend java first. Why? Because C++ and Java both works on object oriented programming also these are not too complex languages. Again, don't use Python, Ruby, etc, for CP. These are very high-level languages that won't give you as much control over your code as needed. Step 2 Get on Hackerrank because it has the best User Interface, combined with relative ease of getting started for the beginners. Ease in the sense that anyone with zero CP/algorithms experience will be able to solve the beginner Questions because it's for everyone. You might get stuck after first 4-5 questions and that's normal. In that case, feel free to see the editorial or google to look for the solution. When you find it, make sure to understand it, and then code it on your own. First, solve "Easy" questions of all sections, and then "Medium" questions. In fact, solving some "Medium" questions is good enough to call yourself a CP professional. And when you make sure that you're able to solve Medium questions, then start CP on CodeChef that is a much professional practical area to code. Step 3 Codechef long contests are the best. Developing your Competitive Programming skills requires that you are both fast and are able to think deeply about a problem. Codechef long challenges = Deep thinking AND Codeforces rounds = Fast coding If you want to be good, you should try to be good in both these areas. But it's fine if you are just good at long challenges (deep thinking) or just good with short contests (fast thinking), both will help you become a better programmer. Step 4 You can try Topcoder if you want. Or just let it

8) Individual Question Page :




What are you looking for?



Ayaan Javed

[Questions](#)[Answers](#)

How to get started with GSOC?

 GSOC

Work to be done

The following features need to be implemented -

1. Ability to customize the ladders.

The user should be able add/remove their own questions as and when needed.

2. Add status to each question.

This feature will keep track of the progress of the user through the ladder. Solved questions will be marked as completed and so on.

3. Authentication

4. Share questions/answers

- Makes the process of sharing questions/answers on various social media websites easy.
- We are fairly confident that the above features can be implemented in the coming week.
- Hence enabling us to submit the project on time.