



# Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:

PS Code:SIH1434

**Problem Statement Title:** Making career choices and AI based counselling accessible to every child at secondary level along with aptitude tests and detailed career paths.

**Team Name:**Code Verse

**Team Leader Name:**Ashish Bhati

**Institute Code (AISHE):** U-0643

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**Institute Name:** Galgotias University

**Theme Name:** Smart Education

# Idea/Approach Details

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## Describe your idea/Solution/Prototype here:

### Design the Aptitude Test

- Create a website with sections for tests and career advice.
- Plan how to store user data and test results, Make the website look nice and easy to use.
- Decide what technology to use for the AI bot.

### : Build the Website

- Create the website's structure and design..

### Train the AI Bot

- Teach the AI bot to understand and answer career questions.
- Put the bot on the website for students to talk to.
- Let students take the test on the website, and show their results.

### :Interact with Students

- Make sure the AI bot can chat with students in real-time.
- Ask students for their opinions about the test and advice.
- Use data to make the AI bot better and give better advice.

### :Get Feedback and Help Students

- Listen to what students think and improve the system.

### :Keep Getting Better

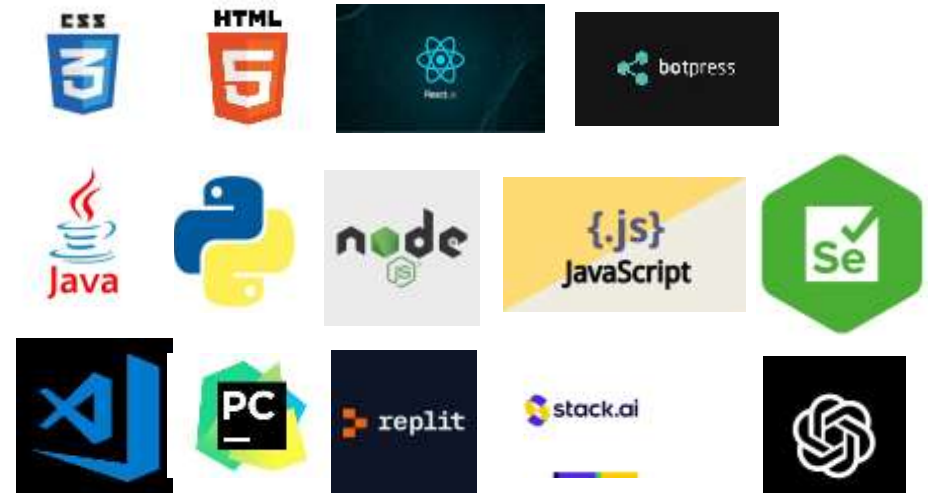
- Always work on making the system better and more helpful.

### Grow and Take Care of Things

- Make sure everything is secure and follows the law.
  - Tell people about the project to help more students, Check if the project is helping students make good choices
- So, it's like building a friendly website where students can take a test, talk to a smart bot for career advice, and we keep making it better to help more students.



## Describe your Technology stack here:



# Idea/Approach Details

## Describe your Use Cases here

- 1. Smart Career Choices:** Students make better career choices based on their interests and skills, reducing job dissatisfaction.
- 2. Happier Careers:** Matching students with suitable careers leads to more job satisfaction and well-being.
- 3. Fewer Dropouts:** It helps keep students engaged, potentially lowering dropout rates.
- 4. Economic Growth:** A skilled workforce contributes to economic growth and productivity.
- 5. Diversity & Inclusion:** Our solution guides students from diverse backgrounds into various careers, promoting equality.
- 6. Resource Efficiency:** It prevents wasting educational resources on careers students might abandon.
- 7. Personal Growth:** Encourages students to explore their passions, leading to a more fulfilling life.
- 8. Digital Skills:** Students become tech-savvy, an essential skill in today's world.
- 9. Lower Unemployment:** Connects students with suitable jobs, potentially reducing unemployment.
- 10. Long-term Impact:** Over time, it creates a skilled and satisfied workforce, benefiting society at large.

## Describe your Dependencies / Show stopper here

### Dependencies:

1. Reliable data.
2. AI technology.
3. Web development.
4. User engagement.
5. Legal compliance

### Show Stoppers:

1. Data shortage.
2. Tech issues.
3. Low user adoption.
4. Legal problems.
5. Resource constraints.
6. Security breaches.
7. Lack of expertise.

- To succeed, plan well, allocate resources wisely, and have contingency plans.

# Team Member Details

**Team Leader Name:** Ashish Bhati

Branch: Btech

Stream: CSE

Year : II

**Team Member 1 Name:** Pragya Maheshwari

Branch: Btech

Stream : CSE

Year : II

**Team Member 2 Name:** Saniya Soni

Branch: Btech

Stream: CSE

Year : II

**Team Member 3 Name:** Ayush Vashishta

Branch: Btech

Stream: CSE

Year : II

**Team Member 4 Name:** Dipanshu Singh

Branch: Btech

Stream: CSE

Year : II

**Team Member 5 Name:** Ayush Tiwari

Branch: Btech

Stream: CSE

Year : II

**Team Mentor 1 Name:** Mr. Akhilesh Kumar

Category (Academic/Industry):Academic

Expertise (AI/ML/Blockchain etc):

Domain Experience (in years):

