SMART INDIA HACKATHON 2025

TITLE PAGE

- **Problem Statement ID – 25094**

- **Problem Statement Title - One-Stop Personalized Career & Education Advisor**

- **Theme- Smart Education**

- **PS Category- Software**

- **Team ID- S15**
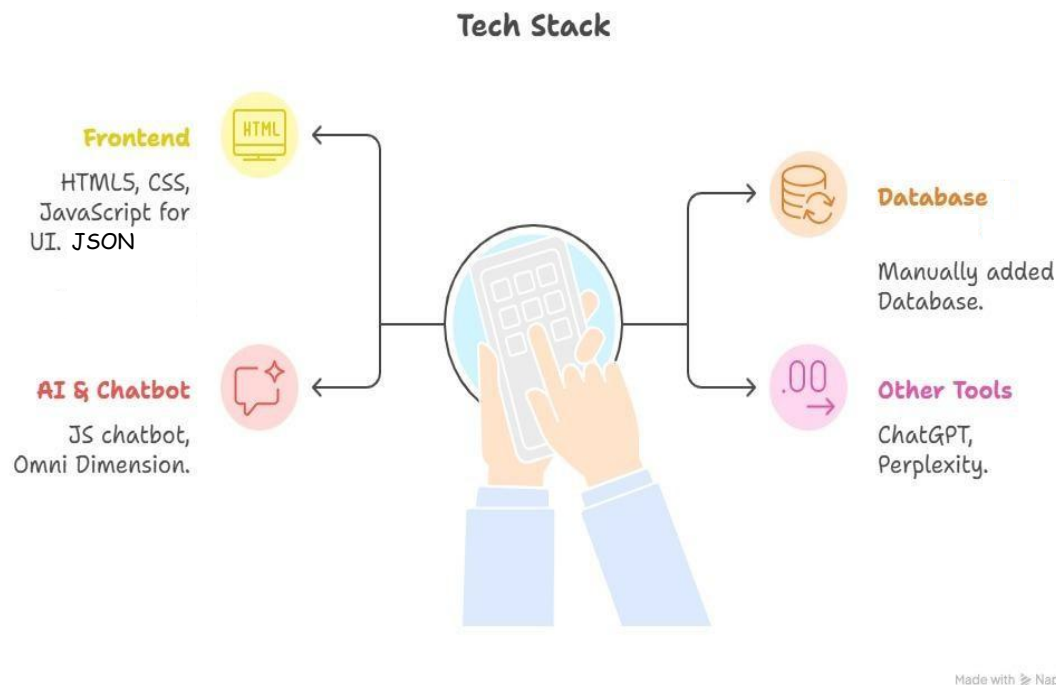
- **Team Name - Pathfinder Pioneer**

CAREER BUDDY

❖ <u>Proposed Solution</u>

- **All-in-One Career Companion**: Offers a complete— **career guidance, college suggestions, exam, job listings, and scholarships** — all under one roof, saving students time and effort.

- **Personalized Pathways**: A quick, **SMART QUIZ** matches students to careers, colleges, and opportunities based on their **interests**, not just marks — making guidance more meaningful and tailored.

- **Built for Board Students**: Specifically designed for students after 10th & 12th exams — a stage where most are confused about what to do next.

- **Instant Help with AI Chatbot**: Integrated chatbot provides 24/7 guide, answering queries and giving additional guidance whenever needed.

- **Broadened Horizons**: Highlights both popular and lesser-known career paths, helping students discover options they might never have considered.

- **Inclusive and Supportive**: Features scholarships and job listings to support students from **diverse financial backgrounds**, ensuring no one is left behind.

TECHNICAL APPROACH

Technologies Used :

Tech Stack

Frontend
HTML5, CSS, JavaScript for UI. JSON

AI & Chatbot
JS chatbot, Omni Dimension.

Database
Manually added Database.

Other Tools
ChatGPT, Perplexity.

Made with Napkin

Methodology :

◆ Step 1: Requirement Gathering
Identify student needs, career database, scholarships, colleges, etc.

◆ Step 2: Design & Animation
To design quiz UI, dashboard, chatbot interface

◆ Step 3: Frontend Development
Build responsive UI using HTML, CSS, JS

◆ Step 4: Customized Quiz
Question research is done from various sites like : Apptitude test

◆ Step 5: Database Integration
Store user responses, preferences, and matched recommendations

◆ Step 6: AI Chatbot Integration

◆ Step 7: Testing & Feedback

FEASIBILITY AND VIABILITY

✅ Feasibility

- ❏ High student demand after 10th/12th.
- ❏ Low-cost, web-based development.
- ❏ Scalable with future backend/AI upgrades.
- ❏ Tools & tech are easily accessible.
- ❏ Strong market fit (students, parents, schools).

⚠️ Challenges

- ❏ Need to update career data everytime.
- ❏ Low user engagement or quiz drop-offs.
- ❏ Static data limits real-time updates.
- ❏ Competing platforms with more features.

Strategies

Data Source
Ensures reliability and accuracy of information.

Gamification
Increases user engagement and motivation.

AI Chatbot
Voice Enabled (Voice agent)

Educator Partnership
Gathers valuable feedback and insights.

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IMPACT AND BENEFITS

🎯 Impacts :

- ❏ **E**mpowers students to make informed career decisions after 10th/12th.
- ❏ Reduces confusion and anxiety during a critical life stage.
- ❏ Promotes awareness of diverse career options, not just mainstream ones.
- ❏ Helps students from rural or underrepresented backgrounds access equal opportunities.
- ❏ Also it has access for various courses and scholarship information and job related sites

💡 Benefits :

- ❏ Social:
  - ● Promotes equal access to guidance for all students.
  - ● Encourages career paths based on passion and interest, not peer pressure.

- ❏ Economic:
  - ● Connects students with scholarships and job opportunities, reducing financial burden.
  - ● Supports early career planning, leading to better long-term economic outcomes.

- ❏ Environmental (Indirect):
  - ● Digital platform reduces need for physical brochures/counseling centers.
  - ● Promotes sustainable learning via online guidance.

RESEARCH AND REFERENCES