SMART INDIA HACKATHON 2024

- **Problem Statement ID –** 1666

- **Problem Statement Title-** Develop Effective Career Counselling and Guidance Programs in Schools to Enhance Student Career Choices

- **Theme-** Smart Education

- **PS Category-** Software

- **Team ID-** 70

- **Team Name -** The Hustlers

CAREER COUNSELLING PORTAL

❖ **Proposed Solution**

User Roles:
- Students: Explore careers, take tests, get advice.
- Counsellors: Manage profiles, provide guidance, track progress.
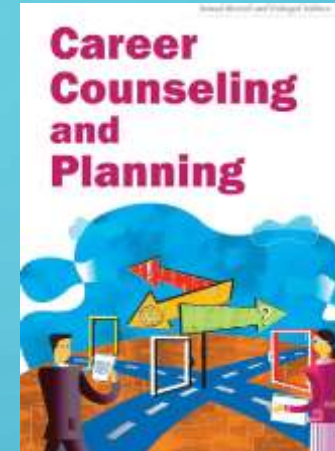- Admins: Oversee platform, access reports.

Core Features:
- AI-driven career suggestions based on profiles.
- Interactive tools like simulations, videos, and tests.
- Mentorship program connecting students with professionals.
- Career resource portal with job market trends and required skills.
- Counsellor dashboard to monitor and guide students.

Workflow:
1. Students create profiles.
2. Explore careers through tools.
3. Connect with mentors.
4. Receive AI recommendations.
5. Get personalized counsellor support.

Key Benefits:
- Informed career choices with AI insights.
- Align skills with job market demands.
- Diverse career exploration and mentorship.
- Personalized guidance through counsellors.

Career Counseling and Planning

Approaches of Career Guidance: Trait and Factor theory, Development Theory, Social Learning theory, Narrative Theory

The Role of a Career Counselor

A career counselor plays a crucial role in the career counseling process. They provide guidance, support, and expertise to help individuals explore various career options, overcome obstacles, and make informed decisions. Career counselors employ a range of techniques such as assessments, interviews, and counseling sessions to gain insight into the client's aspirations and provide tailored guidance.

TECHNICAL APPROACH

- TECHSTACK – NextJS, TypeScript, JavaScript, ReactJS, TailwindCSS

CAREER COUNSELLING SOFTWARE

01 — To add major components to the website and make them work in unison.
Designing Framework

02 — Finding different resources to add the data of career guidance.
Inputting Data

03 — Building up the website to provide it smooth functioning and to transition from a framework to a functional website
Providing backend

04 — Verify whether the website is working and debugging the mistakes.
Verification

FEASIBILITY AND VIABILITY

- Feasibility Factors School Support: The school administration must be committed to supporting career guidance programs.
- Community Involvement: Local businesses and organizations can provide resources and opportunities for students.
- Government Policies: Government policies that support career education can facilitate the implementation of such programs.
- Student Engagement: Students must be willing to participate in career guidance activities.
- Potential Challenges Resource Constraints: Implementing effective career guidance programs requires correct information from Qualified Counselors as they know the correct data.
- Cultural and Societal Pressures: Students may face pressure from family or society to choose certain careers.
- Limited Access to Information: Students in rural areas or from disadvantaged backgrounds may have limited access to information about different career options.
- Utilize Technology: Provide students with access to online career databases, resources, and tools.
- Explore Online Resources: Utilize online platforms and resources to provide students with access to career information and advice.
- Foster a Supportive Environment: Create a positive and supportive learning environment where students feel comfortable seeking help and exploring different career options.

IMPACT AND BENEFITS

- **Potential Impacts:**

1)Informed Decision-Making: The website can provide users with accurate and reliable information about various careers, enabling them to make informed decisions about their future.

2) Increased Career Awareness: The website can raise awareness about different career options, helping users to explore new possibilities and discover their strengths and interests.

3)Enhanced Self-Awareness: The website can offer self-assessment tools and quizzes, helping users to gain a better understanding of their values, interests, and skills.

4)Improved Career Prospects: By providing resources and tools for career development, the website can help users to enhance their employability and improve their career prospects.

5)Reduced Career Uncertainty: The website can provide users with a clear understanding of the job market, reducing uncertainty and anxiety about their career choices.

6)Personalized Guidance: The website can offer personalized guidance and recommendations, helping users to create a tailored career plan that suits their needs and goals.

- **Potential Benefits Informed Decision-Making:**

 Students will make more informed choices about their future careers. Reduced Dropout Rates: Career guidance can help students stay motivated and engaged in their studies. Improved Job Satisfaction: Students who choose careers that align with their interests and skills are more likely to be satisfied with their jobs. Enhanced Employability: Effective career counseling can help students develop the skills and knowledge needed to succeed in the job market.

RESEARCH AND REFERENCES

- Aceternity UI
- Mui.com
- daisyUI
- Shadcn UI
- https://www.kaggle.com
- Data of various career counsellors, pedagogy articles, psychology books, etc.