DIGIEDUHACK SOLUTION CANVAS

Title of the solution:	CareerPath AI	**Team name:**	KAPIBARA
Challenge addressed:	Future Career Mentor (Number 6)	**Challenge category:**	AI in Education

Background of the team:

(multiple selections possible in case of mixed teams)

- ☐ **Higher Education Students**
- ☐ **Researchers**
- ☐ **Professionals**
- ☐ **Teachers**
- ☐ **Primary School Students**
- ☑ **Secondary School Students**
- ☐ **Others** (please specify)

Solution description

What is the final product/service/tool/activity you're proposing? What are its main elements, technologies and objectives? Could you please include a brief implementation plan with some key overall milestones, resources required and eventual barriers foreseen?
How could your solution be used to enhance digital education nowadays? How could its success be measured?

CareerPath AI is an AI tool that helps teenagers and young adults discover suitable career paths by addressing the common issue of uncertainty about future professions. Through a structured questionnaire, the AI gathers information on a user ' s interests, strengths, skills, and personality traits. It then provides personalized career recommendations and allows users to ask follow-up questions to deepen their understanding of suggested paths.

The tool ' s main components include an interactive questionnaire, data analysis, and tailored recommendations. Technologies such as natural language processing and data analysis ensure relevant, accurate suggestions. Key steps in implementation include developing the questionnaire, refining recommendation algorithms, and launching a beta

Context

What is the current or future problem you're trying to solve? How does your solution align with DigiEduHack 2024 annual theme?
How does your solution confront the challenge posed by the hackathon organiser and how does it address the challenge category?

Current Problem:

In the 21st century, young people face unprecedented career choice complexity. The rapid expansion of career options, emerging industries, and evolving job markets has created a significant challenge: many teenagers and young adults struggle to identify their professional path. This uncertainty leads to:

Target group

Who is/are the target group/s of your solution and how will they benefit from it? Why is your solution relevant to them? how do you plan to engage these groups so you fully meet their specific needs?

Our AI-powered Future Career Mentor targets two primary groups: teenagers (14-19) navigating their initial career choices and young adults (20-30) considering career transitions. These groups face distinct challenges in career decision-making and will benefit significantly from our solution.

Teenagers, particularly high school students, struggle with understanding their abilities and potential career paths. They often feel overwhelmed by choices and lack self-awareness about their strengths. Our AI tool helps them identify their natural talents and interests through personalized assessments, providing clear direction for their educational and career planning. This early guidance reduces anxiety and helps make informed

Impact

How will your solution catalyse changes in education and what impacts will it have at social and environmental level? Could you provide examples or scenarios illustrating how such changes and impacts might unfold?

CareerPath AI will fundamentally transform how young people approach education and career choices, creating lasting positive changes in both educational systems and society. By helping individuals discover their true potential and matching them with suitable career paths, our solution addresses one of the most critical challenges in modern education.

In the educational sphere, our AI tool will revolutionize how students choose their study programs and career paths. Instead of making decisions based on limited information or external pressures, students will gain deep insights into their abilities and potential. This leads to more engaged students, higher program completion rates, and more efficient use of educational resources. Schools and universities will benefit from having students

Describe it in a tweet

How would you describe your solution in a short catchy way with maximum 280 characters?

CareerPath AI: Your smart career companion that transforms self-discovery into career success. Through AI-powered personality analysis, we help teenagers and young adults uncover their true potential and match them with fulfilling career paths. Stop guessing, start knowing.

Innovativeness

What makes your solution different and original? Are there similar solutions or approaches currently available or implemented by education sector practitioners? If so, why and to what extent is your solution better?

What makes CareerPath AI unique is its deeply personalized approach, using AI to create customized career guidance based specifically on each individual ' s strengths, personality traits, skills, and interests. While other career assessment tools and platforms may offer general guidance or standardized tests, they often lack

Transferability

Can your solution partly or fully be used in other education/learning contexts or disciplines? Could you provide any example?

CareerPath AI can indeed be used across various educational contexts beyond traditional career counseling. For example, it can help students select academic subjects or electives that align with their strengths and interests, supporting schools in guiding students toward fields such as STEM, humanities, or the arts.

Sustainability

Once you have a prototype, what are your plans for a further development, implementation upscale and replication of the solution? How do you see it working in the mid- and long term?

Once we have a prototype, our main focus will be to enhance CareerPath AI's precision and personalization, refining its ability to analyze users accurately and provide the most suitable career paths and development advice. By continuously improving the model, we aim to make the AI a more insightful tool that adapts to each individual ' s

Team work

Present the members of your team.
Why are you the perfect team to develop this work and what are the competencies you all bring in so the solution is developed successfully? What is your expertise within the thematic field concerned? Are you planning to continue working as a team in the future? If so, why?

Our team consists of dedicated amateurs who are passionate about AI, psychology, and education, and although we are not experts, we are eager to learn and grow through this project. We are driven by a shared interest in making a positive impact on education and helping young people navigate their future careers. This project is an exciting opportunity for us to develop new

Careerpath.ai

CAREER PATH

POWERFUL
PERSONAL AI
FOR YOUR
FUTURE
CAREER

Pioneering Career Paths,
Powered by AI

Careerpath.ai

THE PROBLEM

63% OF WORKERS ARE ACTIVELY LOOKING FOR A NEW JOB OR CONSIDERING A CAREER CHANGE

PROBLEM STATEMENT

- Growing career choice complexity in modern world
- Statistics on career uncertainty among youth
- Impact of wrong career choices on life satisfaction
- Rising need for personalized career guidance

CONSEQUENCES

- Frequent career changes
- Educational mismatch
- Mental health impact
- Higher hiring costs, reduced productivity, and economic inefficiency

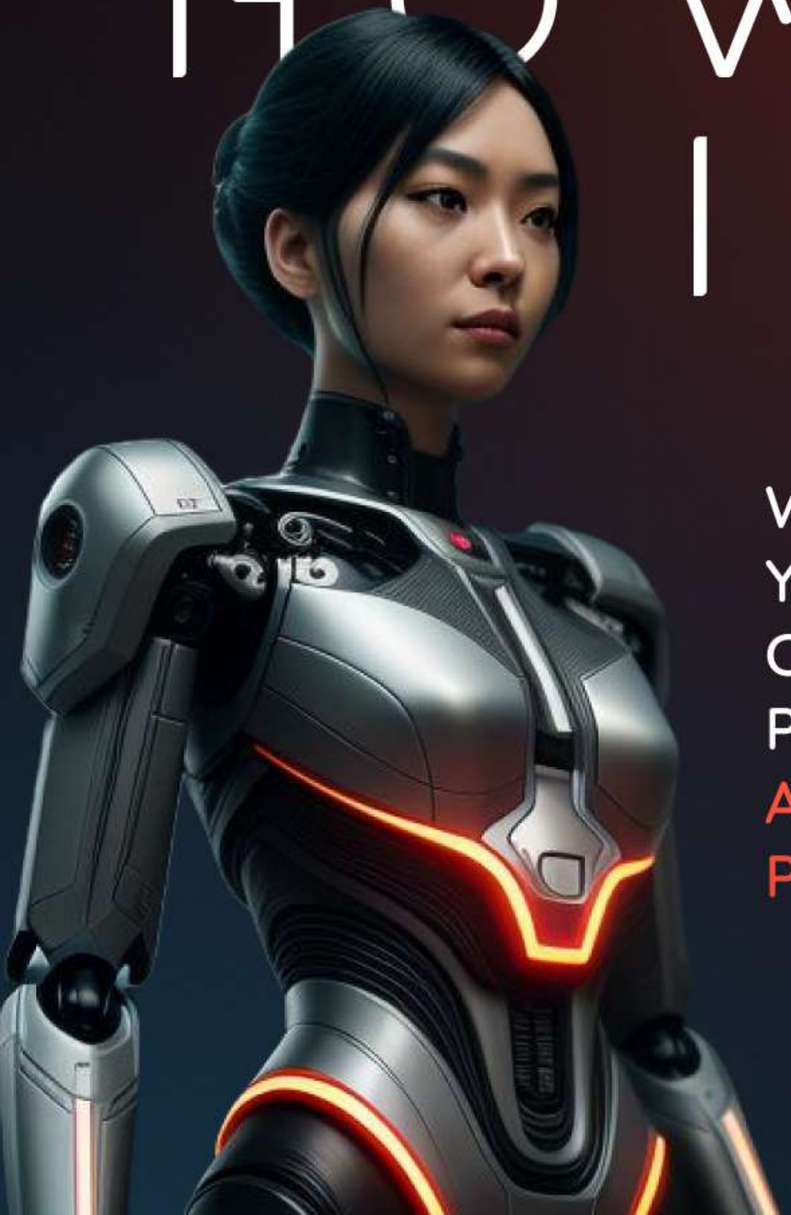
THE SOLUTION

ADVANCED AI-POWERED CAREER GUIDANCE PLATFORM

- Personalized approach to career discovery via questionnaire
- Combines personality analysis, skill assessment, and market trends
- Makes career guidance accessible to everyone
- Provides clear, actionable career recommendations

Careerpath.ai

HOW IT WORKS



WHERE YOUR CAREER PATH MEETS AI PRECISION

SMART ASSESSMENT

- Users begin with a comprehensive assessment that evaluates their interests, skills, and career aspirations.
- The AI analyzes this data to suggest suitable career paths and provides ongoing support through a conversational interface.
- The solution includes interactive features that allow users to ask questions and receive real-time feedback on their career options.

Careerpath.ai

KEY FEATURES

WHAT MAKES CAREERPATH AI SPECIAL?

IN-DEPTH PERSONALITY ASSESSMENT

- Utilizes Validated Psychological Methods To Understand Each User's Strengths, Preferences, And Potential.
- Builds A Unique Personality Profile That Guides The Most Fitting Career Options.
- Adapts To User Responses, Ensuring An Accurate And Evolving Assessment.

COMPREHENSIVE SKILLS ANALYSIS

- Assesses User Skills Across Multiple Dimensions, Including Technical, Interpersonal, And Creative Abilities.
- Maps Individual Skill Sets To Identify Potential Growth Areas And Natural Strengths.
- Highlights Transferable Skills, Allowing Users To Explore Diverse Career Paths.

PERSONALIZED EDUCATIONAL RECOMMENDATIONS

- Recommends Educational Programs, Certifications, And Resources That Match Career Goals.
- Includes Traditional And Non-Traditional Learning Paths To Fit Diverse User Preferences.
- Ensures Educational Guidance Aligns With Personal And Professional Aspirations.

Careerpath.ai

BENEFITS

- Finds Career Paths That Match Your True Potential.
- Saves Years Of Career Exploration And Uncertainty.
- Reduces Stress And Anxiety About Career Choices.
- Makes Informed Educational Decisions.
- Increases Chances Of Job Satisfaction.
- Gets Ongoing Career Development Support.

TRANSFORM YOUR CAREER JOURNEY

Careerpath.ai

IMPACT

CREATING POSITIVE CHANGE

EDUCATIONAL IMPACT

Increased Career Satisfaction And Success

FUTURE IMPACT

Better Prepared Workforce For Emerging Industries

SOCIAL IMPACT

Better Program Choices And Completion Rates

PERSONAL IMPACT

More Productive And Happier Workforce

Careerpath.ai

VIABILITY

IS CAREERPATH AI A VIABLE SOLUTION?

REQUIRED RESOURSES

Development Team, Funding For Development, Marketing

BARRIERS

Overcoming Skepticism, Constant Updates

REALISTIC PLAN

Clear, Phased Implementation Plan

PARTNERSHIPS

With Educational Institutions To Ensure Updates

Careerpath.ai

SUSTAIN ABILITY

CAN CAREERPATH AI SCALE SUCCESSFULLY AND SUSTAINABLY?

POTENTIAL FOR UPSCALING

- CareerPath AI Has The Infrastructure To Scale As The User Base Grows, With Cloud-Based Architecture Supporting Increasing Data And Traffic.
- Continuous Improvement And Adaptability, Increased Accuracy And Personalized Results As More Data Is Processed.

LONG-TERM SUSTAINABILITY

- Long-Term User Engagement Through Subscriptions, And Partnerships With Universities And Companies For A Steady Revenue Stream.
- Stays Relevant By Continuously Integrating New Career Trends, Technologies Ensuring Its Sustainability.

KEY CHALLENGES

- The Challenge Of Maintaining AI Model Relevance As The Job Market Evolves Rapidly.
- Ensuring That CareerPath AI Remains Accessible And Affordable As It Scales.

Careerpath.ai

ADAPT ABILITY

BROAD APPLICATIONS OF CAREERPATH AI

EDUCATION ADAPTABILITY

Customizable For Vocational, Higher Education, And Adult Learniing

INTERDISCIPLINARY REACH

Applies To Diverse Fields (E.G., Healthcare, Arts) And Training Programs

GLOBAL EXPANSION

Localization For International Job Markets And Diverse Career Paths

Careerpath.ai

TEAM MEMBERS

USHKEVICH DARYA

KAZHIMURAT AISHAYIM

PROZOROV SAVELIY

ABYLGAZINA ADIYA

TAZHIN ASYL

KAPIBARA TEAM

Careerpath.ai

ANY QUESTIONS?

Website & Prototype:

1. https://digi-result.vercel.app/
2. https://github.com/gesugu/digi-result

Contacts:
Email - rafora910@gmail.com
Telegram - @daizysoon