DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI-3

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Class: III CSE B

Project Title: Smart Career Mapping for Students

Abstract

   Career guidance plays a vital role in shaping a child's future by helping them recognize their strengths, interests, and skills. However, conventional approaches often lack a personalized touch. This initiative aims to create an interactive and intuitive tool that combines psychometric analysis with activity-based assessments to offer tailored career recommendations for school students. By integrating psychological evaluations, cognitive skill assessments, and real-time activity monitoring, the system evaluates students' personality traits, learning preferences, and domain-specific competencies. Using data analytics and AI-powered algorithms, the platform provides career suggestions that align with each student's unique abilities and aspirations. A user-friendly design ensures accessibility for students, parents, and educators, promoting an engaging and informed decision-making process. The primary goal is to bridge the gap between early career exploration and informed choices, enabling students to maximize their potential and choose career paths that align with their interests and skills.

Signature of the Project Guide   **Signature of the Project Co-Ordinator**