Career Advice System Report

Introduction:

The Career Advice System is a Prolog-based program designed to assist individuals in discovering potential career options based on their skills and interests. It matches user-provided skills and interests with predefined careers and suggests suitable career paths.

Functionalities and Features:

Defined Careers: The system includes a database of various careers, each associated with specific skills, interests, and descriptions.

User Input: Users are prompted to input their skills and interests through a comma-separated list.

Partial Matching: The system matches user input with career requirements, considering at least four out of seven matching skills and interests.

Suitable Careers: Careers meeting the partial matching criteria are displayed as recommendations to the user.

Key Components:

Defined Careers: The system contains predefined careers with associated skills, interests, and brief descriptions.

User Input Handling: Users can input their skills and interests through a prompt in the console.

Matching Algorithm: The program uses a partial matching algorithm to recommend careers based on user input and predefined criteria.

Display Functionality: The suggested careers along with their descriptions are displayed to the user.

Conclusion:

The Career Advice System provides valuable insights for individuals seeking guidance in selecting suitable career paths based on their skills and interests. With predefined career data and matching algorithms, the system aims to offer personalized recommendations to assist users in making informed career decisions.