A GENETIC-BASED CAREER ADVISORY EXPERT SYSTEM

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ABSTRACT
The paper examined the state of the art in career counseling and highlights what constitutes best practices among counseling professionals. An online software application was designed and implemented to simulate career advisory system using genetic and expert systems tools.

The application involves: a career advisor, an advice seeker, dialogue between the two parties, inferences from the responses of the seeker, conclusion from these inferences and recommendations for the seeker by the career advisor.

The online career advisor is a light weight application developed for the users to take advantage of the internet technology. This ensure that career advisory services are optimally available, removes the complications of access to an available advisor, ensure closer proximity to the users, and eliminate perceived biased recommendations on the part of the advisor.

It serves as a guide to various people that need help towards chosen careers and the means of attaining their lofty aspirations.

Keywords: Career Choice, Advisory System, Expert System, Genetic Programming.