

Abstract

The Expert system application in deciding human profile based on Emergenetics concept is an interactive consultation system (question & answer) between user and machine, which will help user to find out his/her best characteristic and new occupation based on his/her characteristic. Based on the Emergenetics (merging brain and behaviour) concept, that is in every answer of the given question, the user must answer the question correctly

This Final Paper will apply the method Case Based Reasoning method using the find Occupation as its case study. Emergenetics is a unique and flexible approach to personality profiling that is based on the latest brain research. Emergenetics Profile using four Thinking Attributes (Analytical, Structural, Social, and Conceptual) and three Behavioral Attributes (Expressiveness, Assertiveness, and Flexibility). The CBR system (Case-based Reasoning System) is built using object oriented approach and matching process between cases using Probability Classic.

Hope, the coming of the expert system application based on the newest computer technology using, can spread and vast the chance of every people to understand each characteristic, and find the occupation based on characteristic.

Keywords: Emergenetics, Thinking Attributes, Behavioral Attributes, Case Based Reasoning