Abstract

Car problem detection is a complicated process which demands high level of knowledge and skills. Our aim is to develop an expert system on car maintenance and troubleshooting that is capable of assisting car's owner in dealing with their car problems and troubleshooting them whenever the time is limit and the human expert, also known as mechanics is not available at that very point of time. This paper provides affective design issues concerning the problems while driving a car and will give a logical solution which would help in rectifying those problems. The system would contain various set of rules for detecting different type of failures which can be easily handled by the driver and will give their causes. Here the system mainly deals with the starting problems of car and detecting various other large scale problems.
An Approach towards designing of Car Troubleshooting Expert System

- year12ipt.ash.com/untitled-7.html:Components of Expert system
- www.epistemics.co.uk/Notes/63-0-0.htm:Knowledge Acquisition

**Index Terms**

Computer Science                     Artificial Intelligence

**Key words**

Expert system

car failure diagnosis

knowledge-based system

inference engine

component

prolog