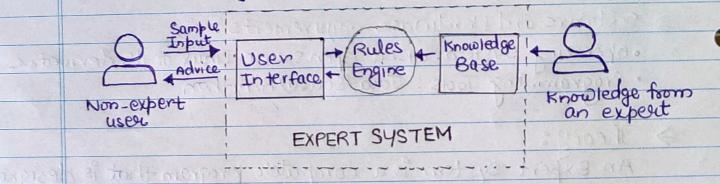
Assignment 6 Expert System

- => objective: To implement an Expert System
- => Problem Statement: Implement any one of the following
 Expert System:
 - 1. Information Management 2 Hospitals & medical facilities
 - 3. Help desks management 4. Employee performance evaluation
 - 5. Stock market trading 6. Airline scheduling a cargo schedules
 - => Software and Hardware requirements:
 - · operating system: 64-bit Open source Linux or its derivative
 - · Programming Tools: Java/Scalg/R/Python
 - An Expert system is a computer program that is designed to solve complex problems and to provide decision—making ability like a human expert. It performs this by extracting knowledge from its knowledge base using the reasoning and inference rules according to the user queries.
 - The expert system is a part of AI, and the first ES was developed in the year 1970, which was the first successful approach of artificial intelligence. It solves the most complex issue as an expert by extracting the knowledge stored in its knowledge base. The system helps in decision making for complex problems using both facts and hewristics like a human expert. It is called so because it contains the expert knowledge of a specific domain and can solve any complex problem of that particular domain. These systems are designed for a specific domain, such as medicine, science etc.

The performance of an expert system is based on the expert's knowledge stored in its knowledge base. The more knowledge stored in the knowledge base, the more that system improves its performance one of the common examples of an Es is a suggestion of spelling eveross while typing in the Google search box.



to solve context instruments of brounts deciredunal use ability. Oite a foundance expert. It performs the

It ins the vieroning indivising value acrossing to
the Colors amorphis.
The Colors sucker is a part of AI and the first Es

son drieter of property of the plant and

Et solves the most complex feat as an expense

true. The system trope in electron smaller for

tist as unam expent. The colled so serouse

and a fee any complete frethern of the of farther dender

THE PARTY OF THE P