

Solution Assignment # 04

Fact:

1. Mr. Yousaf Ali Khan, Mr. Hamza and Mr. Khurram Zardari owners of manufacturing factory.
2. Aero-plane engines and spar parts which are developed in Factory.

Rules:

If there is no expert system already developed
And if required number of Human experts are not available
And if the existing expert system is costly
And if full documentation is not available
And if final documentation is not available
Then they will decide to develop a new expert system.

Rules:

If they are developing the fault diagnosis system
Then it contains the knowledge of many experts
AND provides the permanent documentation of decisions

Rules:

If this system provide the training to new employee
AND if the system help in faster production
AND less chances of errors in parts
AND system can be available for 24 hours of a day
AND system can be available for 365 days of a year
THEN owner of the factory will be happy
AND they are Satisfied.