Mame - Hok Bhawankows Roll no. - PAOG Fage No. Pannel - 1 -135 TGMMENT Alim: Emplementation of Expert Syskm Requirement: 5w1 Prolog Objection: To study the concept of Expert system and Inkrunce engine Theory: IT ARCHITECTURE OF EXPERT SYSTEM Excernal Edienal Program Database Worling Model Knowledge Base Rule: If then * Informa Engine 1 Explanation Facilities Developer Tokolace Users Interface (knowledge (User) Supert

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Part of the same o	
2	MAIN RLAVERS IN EXPERT SYSTEM
	five members of expert system
**1	
	Domain Expert
0	Domain expert is a knowledgeble and skilled person
	capable of striving problems in specific area or
	domain.
	and the state of t
	This experts must be able to communicate his/her
	knowledge, he poilling to participate in expert system
	development and commit a substantial amount
,	of time into the project
•	Domain expert is most important player in
	eschent syskem development kan
2]	Know ledge Enginere
	knowledge Enginere in someone who is capable
	of designing, building and festing an expert
	syskm.
8	He She interneius domain expert to find out
	how a particular problem is solved
•	It established what reasoning method the expert
	uses to handle facts and rules and decides
	how to represent them in expert 34stem.
•	And finally, knowledge engineer is responsible
	for testing resising and integrating Expert system
	into workplace.



37	Programmer
	Programmer is the person responsible for actual
	programming, desorbing blomain knowledge in
	mai computer can unterstand
	Programmer needs to have skills in symbolic
	prospering in such HT language as Dealer
	and also some enchanged in application
	of different types of expert system shells.
4)	Project Manager
	Project Manager is the leader of Expert system
	development team responsible for keeping the
	Toront Oil relief
•	the she makes sever that all deliverables and milestones
	mosaus with expest beneated as environ
1	programmer and end user.
5	End User
	it in developed
	it in developed.
•	The user must not only be conficted in some
	system performance but also feel comportable using
•	Therefore, the disign of user inkretau of expert system
	in also vital for projectis suess.
and an angular paragraph of the special party of the special section	
	그러는 것으로 그렇게 그렇게 그 전에 그 사람들이 되었습니다. 이 전 그 에 그래 하지만 하는데 이 경험하였다. 이 관심하다 하다 그리고 있다고 있다고 있다.

	Page No Date
	Toput: Run program on swl Prolog
	Output: Give decision based on rules proxided in program
	Platform: Linux Windows
	PAQ
[10	Write in brief forward chaining and Backward chaining of Informa engine
Ans	Inference engine
	Forward Chaining · horward chaining mode of operation means that a rule is higgered when changes in the working memory produce a situation that matches all of its an keedents. This the pattern of inferring then patterns from
•	if -parker, that in consequents from anteadents is satisfied.



07	Backward Chaining
).	The Backward chairing made of
A Parket of the	The Backward chaining mode of operation means that the systems beings with goal and successively examines any pulse
	examines any rules are considered one at a time
(
	The unmet anditions are in twen reintroduced as
	Joseph The conhol procedure Hara
	attention recuesively towards has good.
Ą	Dut and looks has suited with something to find
	1016 Mills that will halo
5	answering.
027	
	List down application of Expert System.
	Application of Expert System
17	Digginaris and or him
	Diagnosis and Trouble shooting of devices
	Medical diagnosis was as al u a
	Medical diagnosis was one of the East knowledge and to which Es kehnology was applied, but
	diagnosis of engineral systems quickly surpassed
поческий почет в почет	medical diagnosis.
Control of the Contro	
27	Planning and Scheduling
The same and the same of the s	Es can also be used how planning and schiduling
the the continue company is a surgerise of the continue of the continue of	some pendicular takes from achieving goals of the
and the second second section in the second section is a	Losk,
Martine and the state of the st	a property of the second secon
The state of the s	

3) Design and manufacturing

Thise systems asist in design and manufacturing of physical elevices, such as camera lenses,

automobiles and process, banging from highspeed—
conceptual design of abstract entries all the

way to factory. Hoor configuration of manufacturing—
processes

4) Finance Damain

In financ inductions, it is used to detect any type of possible fraud, susptian actimity and admise bankers that if they should provide loans for bussiness.

5. Knowledge Domain

Thise systems are pumarily used for publishing relenant knowledge to the users. The two populars FS used for thin domain in admisar and Tax.

· Advisor counsils a user an appropriate grammatical usage in a text and Tax Advisor accompanies a tax preparation program & advisors users con lax strential, Taclics and individual tax palicy.