[Assignment-2]

Name: Intiaz Hossain

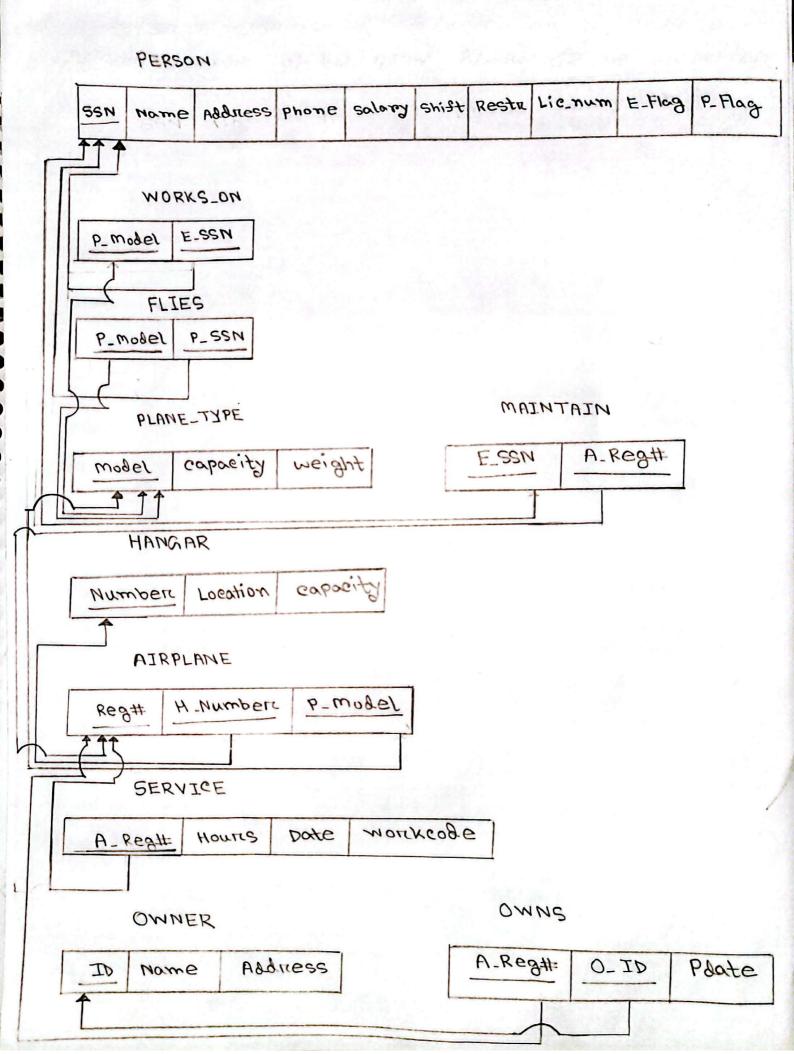
ID : 23101137

section: 15

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Foculty : [MTT]



Answer to the question no 2 I will be using 8D for the specialization portion. Since, there is an overlapping relationship between the subclasses. so, 80 would help us to save storage. Enrolled_in C.E.Sec S.SID grow Student C-E-Courise Code C-E-Sem Email Name SID messages Student2_ Date Time message Student1_ SID Projects C_Sec C_Counse Code C_Sem marks Details Project_Name S_SID Classicoom Course_name Suration L-flag T-flag Semesterc section coursecode Faculty consultation - Hour pos Room Email FID Name End-Time F-e-FID Storct-Time Teoches C.T-CourseCode C-T-Sem C-T-Sec F_T_FID

Answer to the question no 3 I will be using 80 for the specialization portion. Since, disjoint relationship between the subclasses. there is a Awards Actor costedous Show-name rosk A.NID Name phone NID Acts end late solary stant-date M-YEAR M-S-N DIM_A movie Release type merostrala name or.Joinse Jean Sequel Prie wel-Year sequel_no priequeLS_N Seg-Year Seq_5-N USER Dinecton

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ID Phone name Emails D-ID U-S-N U-Years Location

dinects

D-ID M_D_S-N M_D_year stant_date end_date

m-s-s-N m-s-Years Location designers-name cost

set

- a. The above relations is in the Siret normal form (INF). There are no composite, multivalued attributes or nested relations.
- b. The above relation is not in the second normal form (2NF), There are partial Functional Dependencies.

Courses-Inso

200	Department	credits	Course-title
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Coondinatop_Info

Conuss - cogs	semestera	Coordinatore_	coordinator-	-email
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Course_offer

Course -coge	Section_no	Semestera	slot	Room_no	Bullaing	cobocity	Total _Shubents
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c. The above relation is not in the third normal form (3NF). There are transitive Functional dependencies.

[3NF noremalization]

Coordinator _ course_1

course_code	semester	Coordinatore_initia
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coordinator - course -2

coordinatore-initial	coordinatore-name	Coordinator email
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Room-Info

Building-no	Room-no	capacity

course - offer

Course_cole	section-no	semestere	Building_no	Room-no	Slot	Total _Stubent

Answere to the question no 5

- 1. The above relation is in the first normal form (INF). There are no composite, multivalued attributes are rested relations.
- D. The above relation is not in the second normal form (2NF). There are partial Functional

Dependencies.

[2NF normalization]

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WORKSHOP

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WORKSHOPID	topic Anea	Survotion	Work shop Title

WORKSHOPA

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Online_Workshop 1

PlatformID	MORKSHOPID	sessionNa	eventNo	2 cous Jergpock	Porticipant Count
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3. The above relation is not in the third normal form (3NF). There are transitive Functional Dependencies.

[3NF normalization]

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Coredour	Launch Yearc	registration Fee
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	v and the second	

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Unline Worckshop. 1

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