

Database Concepts and Design

College Services Project | Millstone 3

March 23, 2021

By:

Aljazi S. Alkhalaf

Maha M. Alrashidi

Khaznah M. Alhajri

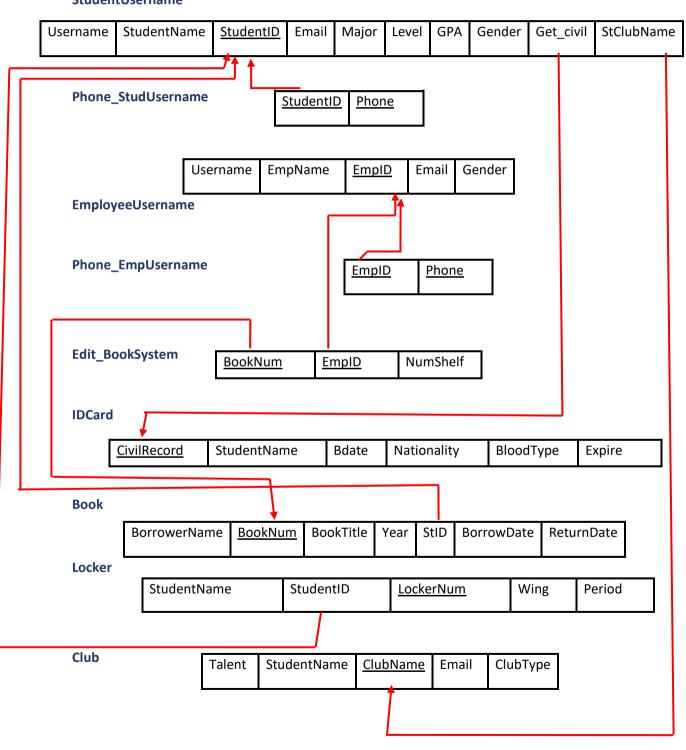
Dr.Thowiba Hagali

TA. Maha Alghamdi



Mapped Tables:

StudentUsername



Filled tables:

EmployeeUsername

	empID	StudentNameEMP	Email	Gender	USERnameEmp
•	3467988880	Aljazi Sultan	Aljazis@iau.edu.sa	F	Sultan_Aljazi
	3468977554	Maha Mufreh	Maham@iau.edu.sa	F	Maha_m
	3469548272	Khaznah Mubark	Khaznahm@iau.edu.sa	F	Khazznah_
	NULL	NULL	NULL	NULL	NULL

IDCard

	Civil_record	StudentNameID	Nationality	BDate	Expiredate	Bloodtype
•	1001792184	Fatimah Rashid	Saudi	1999-12-20	2021-05-05	0+
	1004262157	Nourah Ahmed	Saudi	2001-04-07	2024-05-05	0-
	1024729215	Sara Mohammed	Saudi	2000-11-08	2023-05-05	A+
	1075372216	Sumayah Nasser	Saudi	1998-10-03	2018-05-05	B+
	1103822677	Sara Saad	Saudi	2002-07-04	2025-05-05	AB+
	NULL	HULL	HULL	HIRL	NULL	NULL

Club

	ClubName	STName	Email	ClubType	stTalent
)	Computer Science club	Nourah Ahmed	2200008321@iau.edu.sa	private	programmer
F	Fitness dub	Sumayah Nasser	2160003733@iau.edu.sa	public	fitness training
	Toastmaster	Sara Saad	2210008003@iau.edu.sa	public	Leadership skills
	NULL	NULL	NULL	NULL	NULL

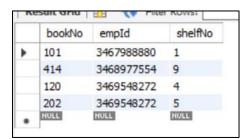
StudentUsername

	ID	StudentNameF	Major	levelst	Email	Gender	GPA	Get_civil	StClubName	USERname
•	2160003733	Sumayah Nasser	Mathematics	9th	2160003733@iau.edu.sa	F	4.200	1075372216	Fitness dub	Sum_Nasser
	2180008845	Fatimah Rashid	Physics	7th	2180008845@iau.edu.sa	F	4.900	1001792184	NULL	FatimahRashid_oth
	2190008843	Sara Mohammed	Computer Science	6th	2190008843@iau.edu.sa	F	3.400	1024729215	NULL	Sara90
	2200008321	Nourah Ahmed	Computer Science	4th	2200008321@iau.edu.sa	F	4.700	1004262157	Computer Science dub	ahm_nora
	2210008003	Sara Saad	Prep Year	1th	2210008003@iau.edu.sa	F	4.000	1103822677	Toastmaster	75Sara
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Book

1 100	Suit dirid	- 1	"	Lone		Export 1 mpor	
	BorrowerName	BookNum	BookTitle	yearr	stId	BorrowDate	ReturnDate
•	Sara Mohammed	101	Biology	1999	2190008843	2020-04-01	2021-04-01
	Sumayah Nasser	120	Positive Thinking	1998	2160003733	2018-02-02	2018-02-24
	Nourah Ahmed	202	The Brain	2010	2200008321	2020-08-06	2021-03-04
	Sumayah Nasser	414	Seeds and Trees		2160003733	2017-07-01	2017-09-05
	NULL	NULL	NULL	NULL	HULL	NULL	NULL

Book System



Locker

	StudentName	stdID	LockerNum	wing	Period
•	Sumayah Nasser	2160003733	110	Α	1
	Sara Mohammed	2190008843	112	Α	2
	Nourah Ahmed	2200008321	401	В	1
	Fatimah Rashid	2180008845	402	В	2
	Sara Saad	2210008003	500	C	2
	NULL	NULL	NULL	NULL	NULL

Phone_EmpUsername

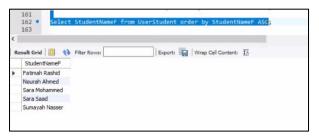
1		4.
	phoneEmp	emp_id
•	0534904050	3467988880
	0535329888	3467988880
	0501906647	3468977554
	0536280876	3468977554
	0530702260	3469548272
	NULL	NULL

Phone_StudUsername

	phoneStd	std_id
•	0546668970	2160003733
	0535677802	2180008845
	0543306098	2190008843
	0550456321	2200008321
	0533364389	2210008003
*	NULL	NULL

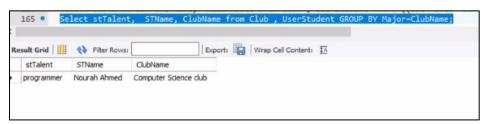


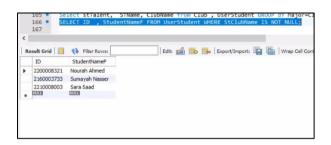




كلية العلوم والدراسات الإنسانية - علوم الحاسب College of Science and Humanities - Computer Science











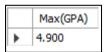








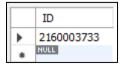
Select Max(GPA) from UserStudent;



Select ID

from UserStudent

where StudentNameF='Sumayah Nasser';



Create view view_1

as

Select GPA

from UserStudent

Where StudentNameF ='Sara Mohammed';

select * from view_1;

	GPA
•	3.400

SELECT AVG(GPA) FROM UserStudent where Major ='Computer Science';

	AVG(GPA)
•	4.0500000

Delimiter \$\$

CREATE PROCEDURE All_Info(In S_name varchar (25))

BEGIN

SELECT * from UserStudent

where StudentNameF= S_name;

END;\$\$

Delimiter;

delimiter;

SELECT @name_ :='Nourah Ahmed';

CALL All_Info(@name_);

	ID	StudentNameF	Major	levelst	Email	Gender	GPA	Get_civil	StClubName	USERname
•	2200008321	Nourah Ahmed	Computer Science	4th	2200008321@iau.edu.sa	F	4.700	1004262157	Computer Science club	ahm_nora