

# Student Enrollment System

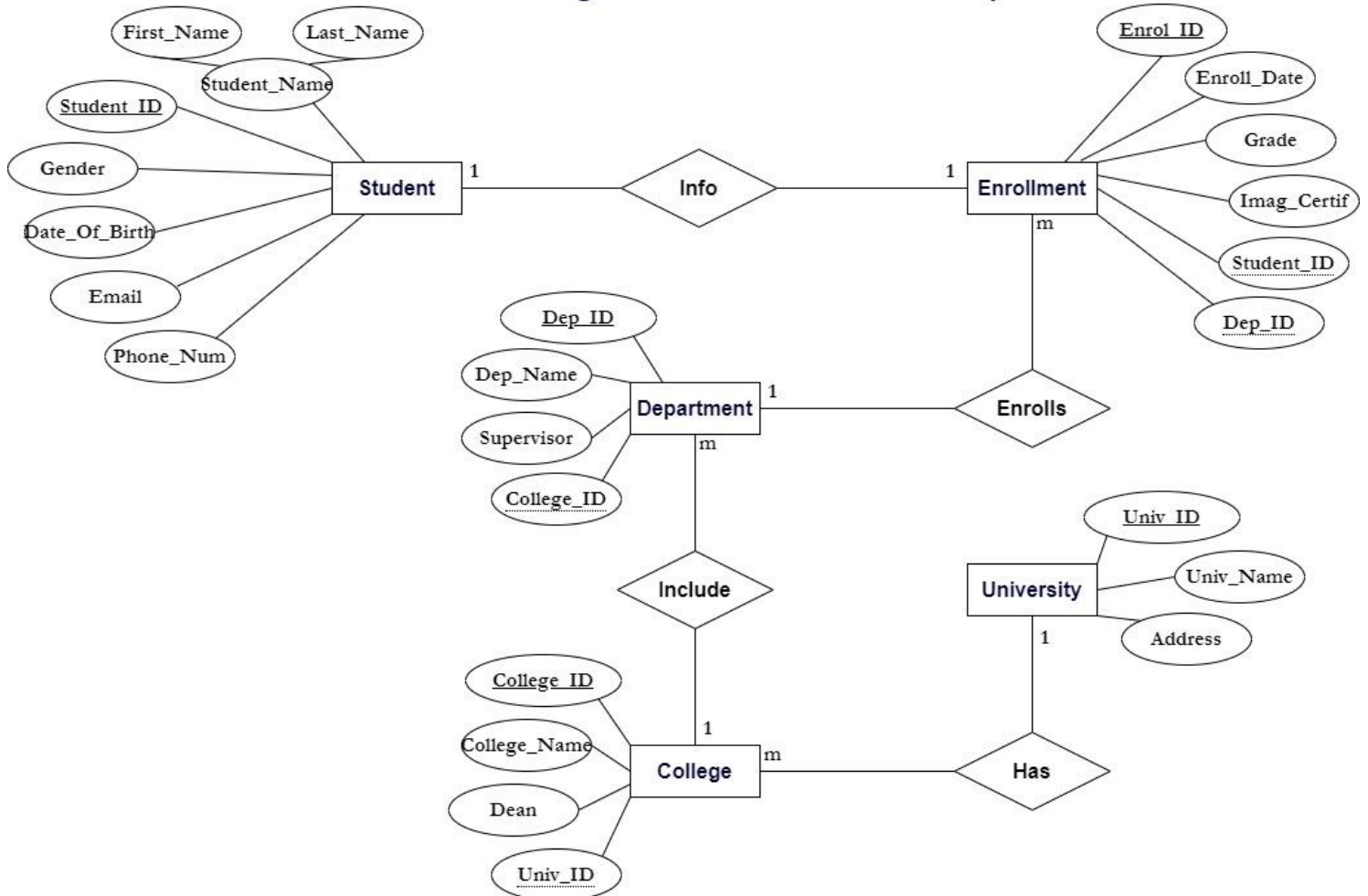


**College of Science /  
Computer Science & IT  
Department.  
2020-2021**

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# ER Diagram

ER Diagram For Student Enrollment System



## Relational Model:

**Student** (Student\_ID, First\_Name, Last\_Name, Gender, Date\_Of\_Birth, Email, Phone\_Num)

**Enrollment** (Enrol\_ID, Enroll\_Date, Grade, Imag\_Certif, Student\_ID, Dep\_ID)

**Department** (Dep\_ID, Dep\_Name, Supervisor, College\_ID)

**College** (College\_ID, College\_Name, Dean, Univ\_ID)

**University** (Univ\_ID, Univ\_Name, Address)

# Relational Model Relation:

## University

Univ_ID	Univ_Name	Adress
1	Salahaddin	Erbil-karkuk-street
2	Sulaimani	Sulaimani-street
3	Duhok	Duho-Zakho-street

## College

College_ID	College_Name	Dean	Univ_ID
11	Science	Professor Hauresh	1
12	Engineering	Professor Hamdin	1
13	Language	Professor Ahmad	1
14	Engineering	Professor Ramadan	2
15	Medicine	Professor Ali	2
16	Language	Professor Sarkheel	3
17	Science	Professor Shekhmus	3
18	Engineering	Professor Zana	3
19	Medicine	Professor Aland	3

## Department

Dep_ID	Dep_Name	Supervisor	College_ID
123	CS & IT	Dr Dler	11
124	Math	Dr Maria	11
125	Physic	Dr Nushi	11
126	Geology	Dr Mohammed	11
127	Biology	Dr Jose	11
128	chemic	Dr Wei	11
129	Software Engineering	Dr Salar	12
130	Mechanical & Mechatronics	Dr Yan	12
131	Architecture	Dr John	12
132	Civil	Dr David	12
133	Electrical	Dr Li	12
134	Kurdish	Dr Eanoo	13
135	Arabic	Dr Abdul	13
136	English	Dr Ana	13
137	French	Dr Ying	13
138	Germany	Dr Michael	13
139	Turkish	Dr Juan	13

140	Software Engineering	Dr Anna	14
141	Mechanical & Mechatronics	Dr Mary	14
142	Architecture	Dr Jean	14
143	Civil	Dr Robert	14
144	Electrical	Dr Daniel	14
145	General Medicine	Dr Luis	15
146	Dentistry	Dr Carlos	15
147	Pharmacy	Dr James	15
148	Ophthalmology	Dr Antonio	15
149	Kurdish	Dr Joseph	16
150	Arabic	Dr Hui	16
151	English	Dr Elena	16
152	French	Dr Francisco	16
153	Germany	Dr Hong	16
154	Turkish	Dr Marie	16
155	CS & IT	Dr Min	17
156	Math	Dr Lei	17
157	Physic	Dr Yu	17
158	Geology	Dr Ibrahim	17
159	Biology	Dr Peter	17
160	chemic	Dr Fatima	17
161	Software Engineering	Dr Aleksandr	18
162	Mechanical & Mechatronics	Dr Richard	18
163	Architecture	Dr Xin	18
164	Civil	Dr Bin	18
165	Electrical	Dr Paul	18
166	General Medicine	Dr Ping	19
167	Dentistry	Dr Lin	19
168	Pharmacy	Dr Olga	19
169	Ophthalmology	Dr Sri	19

## Student

Student_ID	First_Name	Last_Name	Gender	Date_Of_Birth	Email	Phone_Number
112200	James	John	Male	1999-07-01	James@gmail.com	+9647826030525
112201	Mary	Patricia	Female	2000-07-02	Mary@gmail.com	+9647835459526
112202	Robert	Michael	Male	2000-07-03	Robert@gmail.com	+9647507788527
112203	Jennifer	Linda	Female	2000-07-04	Jennifer@gmail.com	+9647835459528
112204	William	David	Male	1999-07-05	William@gmail.com	+9647826030529
112205	Elizabeth	Barbara	Female	2000-07-06	Elizabeth@gmail.com	+9647835459530

112206	Richard	Joseph	Male	2000-07-07	Richard@gmail.com	+96475077885 31
112207	Susan	Jessica	Female	2000-07-08	Susan@gmail.com	+96478354595 32
112208	Thomas	Charles	Male	1999-07-09	Thomas@gmail.com	+96478260305 33
112209	Sarah	Karen	Female	2000-07-10	Sarah@gmail.com	+96478354595 34
112210	Christopher	Daniel	Male	2000-07-11	Christopher@gmail.com	+96475077885 35
112211	Nancy	Lisa	Female	2000-07-12	Nancy@gmail.com	+96478354595 36
112212	Matthew	Anthony	Male	1999-07-13	Matthew@gmail.com	+96478260305 37
112213	Margaret	Betty	Female	2000-07-14	Margaret@gmail.com	+96478354595 38
112214	Donald	Mark	Male	2000-07-15	Donald@gmail.com	+96475077885 39
112215	Sandra	Ashley	Female	2000-07-16	Sandra@gmail.com	+96478354595 40
112216	Paul	Steven	Male	1999-07-17	Paul@gmail.com	+96478260305 41
112217	Dorothy	Kimberly	Female	2000-07-18	Dorothy@gmail.com	+96478354595 42
112218	Andrew	Kenneth	Male	2000-07-19	Andrew@gmail.com	+96475077885 43
112219	Emily	Donna	Female	2000-07-20	Emily@gmail.com	+96478354595 44
112220	Joshua	Kevin	Male	1999-07-21	Joshua@gmail.com	+96478260305 45
112221	Michelle	Carol	Female	2000-07-22	Michelle@gmail.com	+96478354595 46
112222	Brian	George	Male	2000-07-23	Brian@gmail.com	+96475077885 47
112223	Amanda	Melissa	Female	2000-07-24	Amanda@gmail.com	+96478354595 48
112224	Edward	Ronald	Male	1999-07-25	Edward@gmail.com	+96478260305 49
112225	Deborah	Stephanie	Female	2000-08-01	Deborah@gmail.com	+96478354595 50
112226	Timothy	Jason	Male	2000-08-02	Timothy@gmail.com	+96475077885 51
112227	Rebecca	Laura	Female	2000-08-03	Rebecca@gmail.com	+96478354595 52
112228	Jeffrey	Ryan	Male	1999-08-04	Jeffrey@gmail.com	+96478260305 53
112229	Sharon	Cynthia	Female	2000-08-05	Sharon@gmail.com	+96478354595 54
112230	Jacob	Gary	Male	2000-08-06	Jacob@gmail.com	+96475077885 55

112231	Kathleen	Amy	Female	2000-08-07	Kathleen@gmail.com	+9647835459556
112232	Nicholas	Eric	Male	1999-08-08	Nicholas@gmail.com	+9647826030557
112233	Shirley	Angela	Female	2000-08-09	Shirley@gmail.com	+9647835459558
112234	Jonathan	Stephen	Male	2000-08-10	Jonathan@gmail.com	+9647507788559
112235	Helen	Anna	Female	2000-08-11	Helen@gmail.com	+9647835459560
112236	Larry	Justin	Male	1999-08-12	Larry@gmail.com	+9647826030561
112237	Brenda	Pamela	Female	2000-08-13	Brenda@gmail.com	+9647835459562
112238	Scott	Brandon	Male	2000-08-14	Scott@gmail.com	+9647507788563
112239	Nicole	Samantha	Female	2000-08-15	Nicole@gmail.com	+9647835459564
112240	Benjamin	Samuel	Male	1999-08-16	Benjamin@gmail.com	+9647826030565
112241	Katherine	Emma	Female	2000-08-17	Katherine@gmail.com	+9647835459566
112242	Frank	Gregory	Male	2000-08-18	Frank@gmail.com	+9647507788567
112243	Ruth	Christine	Female	2000-08-19	Ruth@gmail.com	+9647835459568
112244	Raymond	Alexander	Male	1999-08-20	Raymond@gmail.com	+9647826030569
112245	Catherine	Debra	Female	2000-08-21	Catherine@gmail.com	+9647835459570
112246	Patrick	Jack	Male	2000-08-22	Patrick@gmail.com	+9647507788571
112247	Rachel	Carolyn	Female	2000-08-23	Rachel@gmail.com	+9647835459572
112248	Dennis	Jerry	Male	1999-08-24	Dennis@gmail.com	+9647826030573
112249	Janet	Virginia	Female	2000-08-25	Janet@gmail.com	+9647835459574
112250	Tyler	Aaron	Male	2000-09-01	Tyler@gmail.com	+9647507788575
112251	Maria	Heather	Female	2000-09-02	Maria@gmail.com	+9647835459576
112252	Jose	Henry	Male	1999-09-03	Jose@gmail.com	+9647826030577
112253	Diane	Julie	Female	2000-09-04	Diane@gmail.com	+9647835459578
112254	Adam	Douglas	Male	2000-09-05	Adam@gmail.com	+9647507788579
112255	Joyce	Victoria	Female	2000-09-06	Joyce@gmail.com	+9647835459580

112256	Nathan	Peter	Male	1999-09-07	Nathan@gmail.com	+9647826030581
112257	Kelly	Christina	Female	2000-09-08	Kelly@gmail.com	+9647835459582
112258	Zachary	Kyle	Male	2000-09-09	Zachary@gmail.com	+9647507788583
112259	Lauren	Joan	Female	2000-09-10	Lauren@gmail.com	+9647835459584
112260	Walter	Harold	Male	1999-09-11	Walter@gmail.com	+9647826030585
112261	Evelyn	Olivia	Female	2000-09-12	Evelyn@gmail.com	+9647835459586
112262	Jeremy	Ethan	Male	2000-09-13	Jeremy@gmail.com	+9647507788587
112263	Judith	Megan	Female	2000-09-14	Judith@gmail.com	+9647835459588
112264	Carl	Keith	Male	1999-09-15	Carl@gmail.com	+9647826030589
112265	Cheryl	Martha	Female	2000-09-16	Cheryl@gmail.com	+9647835459590
112266	Roger	Gerald	Male	2000-09-17	Roger@gmail.com	+9647507788591
112267	Andrea	Frances	Female	2000-09-18	Andrea@gmail.com	+9647835459592
112268	Christian	Terry	Male	1999-09-19	Christian@gmail.com	+9647826030593
112269	Hannah	Jacqueline	Female	2000-09-20	Hannah@gmail.com	+9647835459594
112270	Sean	Arthur	Male	2000-09-21	Sean@gmail.com	+9647507788595
112271	Ann	Gloria	Female	2000-09-22	Ann@gmail.com	+9647835459596
112272	Austin	Noah	Male	1999-09-23	Austin@gmail.com	+9647826030597
112273	Jean	Kathryn	Female	2000-09-24	Jean@gmail.com	+9647835459598
112274	Lawrence	Jesse	Male	2000-09-25	Lawrence@gmail.com	+9647507788599
112275	Alice	Teresa	Female	2000-10-01	Alice@gmail.com	+9647835459600
112276	Joe	Bryan	Male	1999-10-02	Joe@gmail.com	+9647826030601
112277	Sara	Janice	Female	2000-10-03	Sara@gmail.com	+9647835459602
112278	Billy	Jordan	Male	2000-10-04	Billy@gmail.com	+9647507788603
112279	Doris	Madison	Female	2000-10-05	Doris@gmail.com	+9647835459604
112280	Albert	Dylan	Male	1999-10-06	Albert@gmail.com	+9647826030605

112281	Julia	Grace	Female	2000-10-07	Julia@gmail.com	+9647835459607
112282	Bruce	Willie	Male	2000-10-08	Bruce@gmail.com	+9647507788608
112283	Judy	Abigail	Female	2000-10-09	Judy@gmail.com	+9647835459609
112284	Gabriel	Alan	Male	1999-10-10	Gabriel@gmail.com	+9647826030610
112285	Marie	Denise	Female	2000-10-11	Marie@gmail.com	+9647835459611
112286	Juan	Logan	Male	2000-10-12	Juan@gmail.com	+9647507788612
112287	Beverly	Amber	Female	2000-10-13	Beverly@gmail.com	+9647835459613
112288	Wayne	Ralph	Male	1999-10-14	Wayne@gmail.com	+9647826030614
112289	Theresa	Marilyn	Female	2000-10-15	Theresa@gmail.com	+9647835459615
112290	Roy	Eugene	Male	2000-10-16	Roy@gmail.com	+9647507788616
112291	Danielle	Diana	Female	2000-10-17	Danielle@gmail.com	+9647835459617
112292	Randy	Vincent	Male	1999-10-18	Randy@gmail.com	+9647826030618
112293	Brittany	Natalie	Female	2000-10-19	Brittany@gmail.com	+9647835459619
112294	Russell	Louis	Male	2000-10-20	Russell@gmail.com	+9647507788620
112295	Sophia	Rose	Female	2000-10-21	Sophia@gmail.com	+9647835459621
112296	Philip	Bobby	Male	1999-10-22	Philip@gmail.com	+9647826030622
112297	Isabella	Alexis	Female	2000-10-23	Isabella@gmail.com	+9647835459623
112298	Kayla	Charlotte	Male	2000-10-24	Kayla@gmail.com	+9647507788624
112299	shereen	sulaiman	Female	2000-10-25	shirin2021@gmail.com	+9647835459625

## Enrollment

Enrol_ID	Enrollment_Date	Grade	Image_Certificate	Student_ID	Dep_ID
998800	2016-08-01	65.2	images (1).jpg	112200	123
998801	2017-09-01	70.9	images (2).jpg	112201	123
998802	2018-10-01	80.7	images (3).jpg	112202	124
998803	2019-11-01	90.4	images (4).jpg	112203	124
998804	2020-12-01	92.6	images (5).jpg	112204	125



998805	2016-08-02	86.7	images (6).jpg	112205	125
998806	2017-09-02	80.2	images (7).jpg	112206	126
998807	2018-10-02	60.5	images (8).jpg	112207	126
998808	2019-11-02	50.5	images (9).jpg	112208	127
998809	2020-12-02	55.5	images (10).jpg	112209	127
998810	2016-08-03	66.7	images (11).jpg	112210	128
998811	2017-09-03	77.2	images (12).jpg	112211	128
998812	2018-10-03	90.5	images (13).jpg	112212	129
998813	2019-11-03	88.5	images (14).jpg	112213	129
998814	2020-12-03	99	images (15).jpg	112214	130
998815	2016-08-04	81.4	images (16).jpg	112215	130
998816	2017-09-04	74.3	images (17).jpg	112216	131
998817	2018-10-04	91.8	images (18).jpg	112217	131
998818	2019-11-04	92.8	images (19).jpg	112218	132
998819	2020-12-04	93.8	images (20).jpg	112219	132
998820	2016-08-05	70.1	images (21).jpg	112220	133
998821	2017-09-05	75.1	images (22).jpg	112221	133
998822	2018-10-05	78.1	images (23).jpg	112222	134
998823	2019-11-05	67.3	images (24).jpg	112223	134
998824	2020-12-05	69.3	images (25).jpg	112224	135
998825	2016-08-06	92.3	images (26).jpg	112225	135
998826	2017-09-06	68.3	images (27).jpg	112226	136
998827	2018-10-06	79.3	images (28).jpg	112227	136
998828	2019-11-06	86.9	images (29).jpg	112228	137
998829	2020-12-06	65	images (30).jpg	112229	137
998830	2016-08-07	66	images (31).jpg	112230	138
998831	2017-09-07	67	images (32).jpg	112231	138
998832	2018-10-07	68	images (33).jpg	112232	139
998833	2019-11-07	69	images (34).jpg	112233	139
998834	2020-12-07	70.2	images (35).jpg	112234	140
998835	2016-08-08	71.2	images (36).jpg	112235	140
998836	2017-09-08	72.2	images (37).jpg	112236	141
998837	2018-10-08	73.2	images (38).jpg	112237	141
998838	2019-11-08	74.2	images (39).jpg	112238	142
998839	2020-12-08	75.5	images (40).jpg	112239	142
998840	2016-08-09	76.7	images (41).jpg	112240	143
998841	2017-09-09	77.2	images (42).jpg	112241	143
998842	2018-10-09	78.5	images (43).jpg	112242	144
998843	2019-11-09	79.5	images (44).jpg	112243	144
998844	2020-12-09	99.4	images (45).jpg	112244	145
998845	2016-08-10	91.4	images (46).jpg	112245	145
998846	2017-09-10	92.4	images (47).jpg	112246	146
998847	2018-10-10	93.4	images (48).jpg	112247	146
998848	2019-11-10	94.4	images (49).jpg	112248	147
998849	2020-12-10	95.6	images (50).jpg	112249	147
998850	2016-08-11	96.6	images (51).jpg	112250	148
998851	2017-09-11	97.6	images (52).jpg	112251	148
998852	2018-10-11	88.6	images (53).jpg	112252	149
998853	2019-11-11	89.6	images (54).jpg	112253	149
998854	2020-12-11	90.6	images (55).jpg	112254	150

998855	2016-08-12	91.7	images (56).jpg	112255	150
998856	2017-09-12	92.2	images (57).jpg	112256	151
998857	2018-10-12	93.5	images (58).jpg	112257	151
998858	2019-11-12	94.5	images (59).jpg	112258	152
998859	2020-12-12	95.5	images (60).jpg	112259	152
998860	2016-08-13	96.7	images (61).jpg	112260	153
998861	2017-09-13	97.2	images (62).jpg	112261	153
998862	2018-10-13	98.5	images (63).jpg	112262	154
998863	2019-11-13	99.5	images (64).jpg	112263	154
998864	2020-12-13	99.1	images (65).jpg	112264	155
998865	2016-08-14	85.9	images (66).jpg	112265	155
998866	2017-09-14	80.9	images (67).jpg	112266	156
998867	2018-10-14	90.9	images (68).jpg	112267	156
998868	2019-11-14	91.9	images (69).jpg	112268	157
998869	2020-12-14	80.9	images (70).jpg	112269	157
998870	2016-08-15	73.9	images (71).jpg	112270	158
998871	2017-09-15	82.9	images (72).jpg	112271	158
998872	2018-10-15	95.9	images (73).jpg	112272	159
998873	2019-11-15	66.9	images (74).jpg	112273	159
998874	2020-12-15	89.9	images (75).jpg	112274	160
998875	2016-08-16	78.9	images (76).jpg	112275	160
998876	2017-09-16	99.9	images (77).jpg	112276	161
998877	2018-10-16	64.9	images (78).jpg	112277	161
998878	2019-11-16	68.9	images (79).jpg	112278	162
998879	2020-12-16	86.9	images (80).jpg	112279	162
998880	2016-08-17	84.7	images (81).jpg	112280	163
998881	2017-09-17	80.2	images (82).jpg	112281	163
998882	2018-10-17	93.5	images (83).jpg	112282	164
998883	2019-11-17	95.5	images (84).jpg	112283	164
998884	2020-12-17	99.5	images (85).jpg	112284	165
998885	2016-08-18	8.7	images (86).jpg	112285	165
998886	2017-09-18	83.2	images (87).jpg	112286	165
998887	2018-10-18	99.5	images (88).jpg	112287	166
998888	2019-11-18	97.5	images (89).jpg	112288	166
998889	2020-12-18	93.5	images (90).jpg	112289	166
998890	2016-08-19	91.7	images (91).jpg	112290	167
998891	2017-09-19	92.2	images (92).jpg	112291	167
998892	2018-10-19	93.5	images (93).jpg	112292	167
998893	2019-11-19	94.5	images (94).jpg	112293	168
998894	2020-12-19	95.5	images (95).jpg	112294	168
998895	2016-08-20	96.7	images (96).jpg	112295	168
998896	2017-09-20	91.2	images (97).jpg	112296	169
998897	2018-10-20	93.5	images (98).jpg	112297	169
998898	2019-11-20	96.5	images (99).jpg	112298	169
998899	2020-12-20	91.5	images (100).jpg	112299	169

# SQL Code:

```
use userDB2
```

```
drop table Enrollment;  
drop table Student;  
drop table Department;  
drop table College;  
drop table University;  
drop table users;
```

```
create table users(  
  userName nvarchar(50),  
  [password] nvarchar(50)  
)  
go
```

```
insert into users values ('admin','1234');  
insert into users values ('osama','1234');  
insert into users values ('ali','4321');  
insert into users values ('hozan','999999999');  
insert into users values ('hozan','999');
```

```
create table University(  
  Univ_ID int primary key,  
  Univ_Name nvarchar(50),  
  Adress nvarchar(50)  
)  
go
```

```
insert into University values(1,'Salahaddin','Erbil-karkuk-street');  
insert into University values(2,'Sulaimani','Sulaimani-street');  
insert into University values(3,'Duhok','Duho-Zakho-street');
```

```
select * from University;
```

```
create table College(  
  College_ID int primary key,  
  College_Name nvarchar(50),  
  Dean nvarchar(50),  
  Univ_ID int foreign key references University(Univ_ID)
```

```

)
go

insert into College values(11,'Science','Professor Hauresh',1);
insert into College values(12,'Engineering','Professor Hamdin',1);
insert into College values(13,'Language','Professor Ahmad',1);
insert into College values(14,'Engineering','Professor Ramadan',2);
insert into College values(15,'Medicine','Professor Ali',2);
insert into College values(16,'Language','Professor Sarkheel',3);
insert into College values(17,'Science','Professor Shekhmus',3);
insert into College values(18,'Engineering','Professor Zana',3);
insert into College values(19,'Medicine','Professor Aland',3);

select * from College;

create table Department(
Dep_ID int primary key,
Dep_Name nvarchar(50),
Supervisor nvarchar(50),
College_ID int foreign key references College(College_ID)
)
go

insert into Department values(123,'CS & IT','Dr Dler',11);
insert into Department values(124,'Math','Dr Maria',11);
insert into Department values(125,'Physic','Dr Nushi',11);
insert into Department values(126,'Geology','Dr Mohammed',11);
insert into Department values(127,'Biology','Dr Jose',11);
insert into Department values(128,'chemic','Dr Wei',11);
insert into Department values(129,'Software Engineering','Dr Salar',
12);
insert into Department values(130,'Mechanical & Mechatronics','Dr Ya
n',12);
insert into Department values(131,'Architecture','Dr John',12);
insert into Department values(132,'Civil','Dr David',12);
insert into Department values(133,'Electrical','Dr Li',12);
insert into Department values(134,'Kurdish','Dr Eanoo',13);
insert into Department values(135,'Arabic','Dr Abdul',13);

```

```

insert into Department values(136,'English','Dr Ana',13);
insert into Department values(137,'French','Dr Ying',13);
insert into Department values(138,'Germany','Dr Michael',13);
insert into Department values(139,'Turkish','Dr Juan',13);

insert into Department values(140,'Software Engineering','Dr Anna',14);
insert into Department values(141,'Mechanical & Mechatronics','Dr Mary',14);
insert into Department values(142,'Architecture','Dr Jean',14);
insert into Department values(143,'Civil','Dr Robert',14);
insert into Department values(144,'Electrical','Dr Daniel',14);
insert into Department values(145,'General Medicine','Dr Luis',15);
insert into Department values(146,'Dentistry','Dr Carlos',15);
insert into Department values(147,'Pharmacy','Dr James',15);
insert into Department values(148,'Ophthalmology','Dr Antonio',15);

insert into Department values(149,'Kurdish','Dr Joseph',16);
insert into Department values(150,'Arabic','Dr Hui',16);
insert into Department values(151,'English','Dr Elena',16);
insert into Department values(152,'French','Dr Francisco',16);
insert into Department values(153,'Germany','Dr Hong',16);
insert into Department values(154,'Turkish','Dr Marie',16);
insert into Department values(155,'CS & IT','Dr Min',17);
insert into Department values(156,'Math','Dr Lei',17);
insert into Department values(157,'Physic','Dr Yu',17);
insert into Department values(158,'Geology','Dr Ibrahim',17);
insert into Department values(159,'Biology','Dr Peter',17);
insert into Department values(160,'chemic','Dr Fatima',17);
insert into Department values(161,'Software Engineering','Dr Aleksandr',18);
insert into Department values(162,'Mechanical & Mechatronics','Dr Richard',18);
insert into Department values(163,'Architecture','Dr Xin',18);
insert into Department values(164,'Civil','Dr Bin',18);
insert into Department values(165,'Electrical','Dr Paul',18);
insert into Department values(166,'General Medicine','Dr Ping',19);
insert into Department values(167,'Dentistry','Dr Lin',19);

```

```
insert into Department values(168,'Pharmacy','Dr Olga',19);
insert into Department values(169,'Ophthalmology','Dr Sri',19);
```

```
select * from Department;
```

```
create table Student(
Student_ID bigint primary key,
First_Name nvarchar(50),
Last_Name nvarchar(50),
Gender nvarchar(10),
Date_Of_Birth date,
Email nvarchar(50),
Phone_Number nvarchar(50)
)
go
```

```
insert into Student values(112200,'James','John','Male','1999-7-1','James@gmail.com','+9647826030525');
insert into Student values(112201,'Mary','Patricia','Female','2000-7-2','Mary@gmail.com','+9647835459526');
insert into Student values(112202,'Robert','Michael','Male','2000-7-3','Robert@gmail.com','+9647507788527');
insert into Student values(112203,'Jennifer','Linda','Female','2000-7-4','Jennifer@gmail.com','+9647835459528');
insert into Student values(112204,'William','David','Male','1999-7-5','William@gmail.com','+9647826030529');
insert into Student values(112205,'Elizabeth','Barbara','Female','2000-7-6','Elizabeth@gmail.com','+9647835459530');
insert into Student values(112206,'Richard','Joseph','Male','2000-7-7','Richard@gmail.com','+9647507788531');
insert into Student values(112207,'Susan','Jessica','Female','2000-7-8','Susan@gmail.com','+9647835459532');
insert into Student values(112208,'Thomas','Charles','Male','1999-7-9','Thomas@gmail.com','+9647826030533');
insert into Student values(112209,'Sarah','Karen','Female','2000-7-10','Sarah@gmail.com','+9647835459534');
insert into Student values(112210,'Christopher','Daniel','Male','2000-7-11','Christopher@gmail.com','+9647507788535');
```

```

insert into Student values(112211,'Nancy','Lisa','Female','2000-7-
12','Nancy@gmail.com','+9647835459536');
insert into Student values(112212,'Matthew','Anthony','Male','1999-
7-13','Matthew@gmail.com','+9647826030537');
insert into Student values(112213,'Margaret','Betty','Female','2000-
7-14','Margaret@gmail.com','+9647835459538');
insert into Student values(112214,'Donald','Mark','Male','2000-7-
15','Donald@gmail.com','+9647507788539');
insert into Student values(112215,'Sandra','Ashley','Female','2000-
7-16','Sandra@gmail.com','+9647835459540');
insert into Student values(112216,'Paul','Steven','Male','1999-7-
17','Paul@gmail.com','+9647826030541');
insert into Student values(112217,'Dorothy','Kimberly','Female','200
0-7-18','Dorothy@gmail.com','+9647835459542');
insert into Student values(112218,'Andrew','Kenneth','Male','2000-7-
19','Andrew@gmail.com','+9647507788543');
insert into Student values(112219,'Emily','Donna','Female','2000-7-
20','Emily@gmail.com','+9647835459544');
insert into Student values(112220,'Joshua','Kevin','Male','1999-7-
21','Joshua@gmail.com','+9647826030545');
insert into Student values(112221,'Michelle','Carol','Female','2000-
7-22','Michelle@gmail.com','+9647835459546');
insert into Student values(112222,'Brian','George','Male','2000-7-
23','Brian@gmail.com','+9647507788547');
insert into Student values(112223,'Amanda','Melissa','Female','2000-
7-24','Amanda@gmail.com','+9647835459548');
insert into Student values(112224,'Edward','Ronald','Male','1999-7-
25','Edward@gmail.com','+9647826030549');
insert into Student values(112225,'Deborah','Stephanie','Female','20
00-8-1','Deborah@gmail.com','+9647835459550');
insert into Student values(112226,'Timothy','Jason','Male','2000-8-
2','Timothy@gmail.com','+9647507788551');
insert into Student values(112227,'Rebecca','Laura','Female','2000-
8-3','Rebecca@gmail.com','+9647835459552');
insert into Student values(112228,'Jeffrey','Ryan','Male','1999-8-
4','Jeffrey@gmail.com','+9647826030553');
insert into Student values(112229,'Sharon','Cynthia','Female','2000-
8-5','Sharon@gmail.com','+9647835459554');

```

```

insert into Student values(112230,'Jacob','Gary','Male','2000-8-
6','Jacob@gmail.com','+9647507788555');
insert into Student values(112231,'Kathleen','Amy','Female','2000-8-
7','Kathleen@gmail.com','+9647835459556');
insert into Student values(112232,'Nicholas','Eric','Male','1999-8-
8','Nicholas@gmail.com','+9647826030557');
insert into Student values(112233,'Shirley','Angela','Female','2000-
8-9','Shirley@gmail.com','+9647835459558');
insert into Student values(112234,'Jonathan','Stephen','Male','2000-
8-10','Jonathan@gmail.com','+9647507788559');
insert into Student values(112235,'Helen','Anna','Female','2000-8-
11','Helen@gmail.com','+9647835459560');
insert into Student values(112236,'Larry','Justin','Male','1999-8-
12','Larry@gmail.com','+9647826030561');
insert into Student values(112237,'Brenda','Pamela','Female','2000-
8-13','Brenda@gmail.com','+9647835459562');
insert into Student values(112238,'Scott','Brandon','Male','2000-8-
14','Scott@gmail.com','+9647507788563');
insert into Student values(112239,'Nicole','Samantha','Female','2000
-8-15','Nicole@gmail.com','+9647835459564');
insert into Student values(112240,'Benjamin','Samuel','Male','1999-
8-16','Benjamin@gmail.com','+9647826030565');
insert into Student values(112241,'Katherine','Emma','Female','2000-
8-17','Katherine@gmail.com','+9647835459566');
insert into Student values(112242,'Frank','Gregory','Male','2000-8-
18','Frank@gmail.com','+9647507788567');
insert into Student values(112243,'Ruth','Christine','Female','2000-
8-19','Ruth@gmail.com','+9647835459568');
insert into Student values(112244,'Raymond ','Alexander','Male','19
99-8-20','Raymond@gmail.com','+9647826030569');
insert into Student values(112245,'Catherine','Debra','Female','2000
-8-21','Catherine@gmail.com','+9647835459570');
insert into Student values(112246,'Patrick','Jack','Male','2000-8-
22','Patrick@gmail.com','+9647507788571');
insert into Student values(112247,'Rachel','Carolyn','Female','2000-
8-23','Rachel@gmail.com','+9647835459572');
insert into Student values(112248,'Dennis','Jerry','Male','1999-8-
24','Dennis@gmail.com','+9647826030573');

```



```

insert into Student values(112249,'Janet','Virginia','Female','2000-
8-25','Janet@gmail.com','+9647835459574');
insert into Student values(112250,'Tyler','Aaron','Male','2000-9-
1','Tyler@gmail.com','+9647507788575');
insert into Student values(112251,'Maria','Heather','Female','2000-
9-2','Maria@gmail.com','+9647835459576');
insert into Student values(112252,'Jose','Henry','Male','1999-9-
3','Jose@gmail.com','+9647826030577');
insert into Student values(112253,'Diane','Julie','Female','2000-9-
4','Diane@gmail.com','+9647835459578');
insert into Student values(112254,'Adam','Douglas','Male','2000-9-
5','Adam@gmail.com','+9647507788579');
insert into Student values(112255,'Joyce','Victoria','Female','2000-
9-6','Joyce@gmail.com','+9647835459580');
insert into Student values(112256,'Nathan','Peter','Male','1999-9-
7','Nathan@gmail.com','+9647826030581');
insert into Student values(112257,'Kelly','Christina','Female','2000
-9-8','Kelly@gmail.com','+9647835459582');
insert into Student values(112258,'Zachary','Kyle','Male','2000-9-
9','Zachary@gmail.com','+9647507788583');
insert into Student values(112259,'Lauren','Joan','Female','2000-9-
10','Lauren@gmail.com','+9647835459584');
insert into Student values(112260,'Walter','Harold','Male','1999-9-
11','Walter@gmail.com','+9647826030585');
insert into Student values(112261,'Evelyn','Olivia','Female','2000-
9-12','Evelyn@gmail.com','+9647835459586');
insert into Student values(112262,'Jeremy','Ethan','Male','2000-9-
13','Jeremy@gmail.com','+9647507788587');
insert into Student values(112263,'Judith','Megan','Female','2000-9-
14','Judith@gmail.com','+9647835459588');
insert into Student values(112264,'Carl','Keith','Male','1999-9-
15','Carl@gmail.com','+9647826030589');
insert into Student values(112265,'Cheryl','Martha','Female','2000-
9-16','Cheryl@gmail.com','+9647835459590');
insert into Student values(112266,'Roger','Gerald','Male','2000-9-
17','Roger@gmail.com','+9647507788591');
insert into Student values(112267,'Andrea','Frances','Female','2000-
9-18','Andrea@gmail.com','+9647835459592');

```

```

insert into Student values(112268,'Christian','Terry','Male','1999-
9-19','Christian@gmail.com','+9647826030593');
insert into Student values(112269,'Hannah','Jacqueline','Female','20
00-9-20','Hannah@gmail.com','+9647835459594');
insert into Student values(112270,'Sean','Arthur','Male','2000-9-
21','Sean@gmail.com','+9647507788595');
insert into Student values(112271,'Ann','Gloria','Female','2000-9-
22','Ann@gmail.com','+9647835459596');
insert into Student values(112272,'Austin','Noah','Male','1999-9-
23','Austin@gmail.com','+9647826030597');
insert into Student values(112273,'Jean','Kathryn','Female','2000-9-
24','Jean@gmail.com','+9647835459598');
insert into Student values(112274,'Lawrence','Jesse','Male','2000-9-
25','Lawrence@gmail.com','+9647507788599');
insert into Student values(112275,'Alice','Teresa','Female','2000-
10-1','Alice@gmail.com','+9647835459600');
insert into Student values(112276,'Joe','Bryan','Male','1999-10-
2','Joe@gmail.com','+9647826030601');
insert into Student values(112277,'Sara','Janice','Female','2000-10-
3','Sara@gmail.com','+9647835459602');
insert into Student values(112278,'Billy','Jordan','Male','2000-10-
4','Billy@gmail.com','+9647507788603');
insert into Student values(112279,'Doris','Madison','Female','2000-
10-5','Doris@gmail.com','+9647835459604');
insert into Student values(112280,'Albert','Dylan','Male','1999-10-
6','Albert@gmail.com','+9647826030605');
insert into Student values(112281,'Julia','Grace','Female','2000-10-
7','Julia@gmail.com','+9647835459607');
insert into Student values(112282,'Bruce','Willie','Male','2000-10-
8','Bruce@gmail.com','+9647507788608');
insert into Student values(112283,'Judy','Abigail','Female','2000-
10-9','Judy@gmail.com','+9647835459609');
insert into Student values(112284,'Gabriel','Alan','Male','1999-10-
10','Gabriel@gmail.com','+9647826030610');
insert into Student values(112285,'Marie','Denise','Female','2000-
10-11','Marie@gmail.com','+9647835459611');
insert into Student values(112286,'Juan','Logan','Male','2000-10-
12','Juan@gmail.com','+9647507788612');

```

```

insert into Student values(112287,'Beverly','Amber','Female','2000-
10-13','Beverly@gmail.com','+9647835459613');
insert into Student values(112288,'Wayne','Ralph','Male','1999-10-
14','Wayne@gmail.com','+9647826030614');
insert into Student values(112289,'Theresa','Marilyn','Female','2000
-10-15','Theresa@gmail.com','+9647835459615');
insert into Student values(112290,'Roy','Eugene','Male','2000-10-
16','Roy@gmail.com','+9647507788616');
insert into Student values(112291,'Danielle','Diana','Female','2000-
10-17','Danielle@gmail.com','+9647835459617');
insert into Student values(112292,'Randy','Vincent','Male','1999-10-
18','Randy@gmail.com','+9647826030618');
insert into Student values(112293,'Brittany','Natalie','Female','200
0-10-19','Brittany@gmail.com','+9647835459619');
insert into Student values(112294,'Russell','Louis','Male','2000-10-
20','Russell@gmail.com','+9647507788620');
insert into Student values(112295,'Sophia','Rose','Female','2000-10-
21','Sophia@gmail.com','+9647835459621');
insert into Student values(112296,'Philip','Bobby','Male','1999-10-
22','Philip@gmail.com','+9647826030622');
insert into Student values(112297,'Isabella','Alexis','Female','2000
-10-23','Isabella@gmail.com','+9647835459623');
insert into Student values(112298,'Kayla','Charlotte','Male','2000-
10-24','Kayla@gmail.com','+9647507788624');
insert into Student values(112299,'shereen','sulaiman','Female','200
0-10-25','shirin2021@gmail.com','+9647835459625');

```

```

select * from Student;

```

```

create table Enrollment(
Enrol_ID bigint primary key,
Enrollment_Date date,
Grade float,
Image_Certificate nvarchar(max),
Student_ID bigint unique foreign key references Student(Student_ID),
Dep_ID int foreign key references Department(Dep_ID)
)
go

```

```

insert into Enrollment values(998800,'2016-8-
1',65.2,'images (1).jpg',112200,123);
insert into Enrollment values(998801,'2017-9-
1',70.9,'images (2).jpg',112201,123);
insert into Enrollment values(998802,'2018-10-
1',80.7,'images (3).jpg',112202,124);
insert into Enrollment values(998803,'2019-11-
1',90.4,'images (4).jpg',112203,124);
insert into Enrollment values(998804,'2020-12-
1',92.6,'images (5).jpg',112204,125);
insert into Enrollment values(998805,'2016-8-
2',86.7,'images (6).jpg',112205,125);
insert into Enrollment values(998806,'2017-9-
2',80.2,'images (7).jpg',112206,126);
insert into Enrollment values(998807,'2018-10-
2',60.5,'images (8).jpg',112207,126);
insert into Enrollment values(998808,'2019-11-
2',50.5,'images (9).jpg',112208,127);
insert into Enrollment values(998809,'2020-12-
2',55.5,'images (10).jpg',112209,127);
insert into Enrollment values(998810,'2016-8-
3',66.7,'images (11).jpg',112210,128);
insert into Enrollment values(998811,'2017-9-
3',77.2,'images (12).jpg',112211,128);
insert into Enrollment values(998812,'2018-10-
3',90.5,'images (13).jpg',112212,129);
insert into Enrollment values(998813,'2019-11-
3',88.5,'images (14).jpg',112213,129);
insert into Enrollment values(998814,'2020-12-
3',99.0,'images (15).jpg',112214,130);
insert into Enrollment values(998815,'2016-8-
4',81.4,'images (16).jpg',112215,130);
insert into Enrollment values(998816,'2017-9-
4',74.3,'images (17).jpg',112216,131);
insert into Enrollment values(998817,'2018-10-
4',91.8,'images (18).jpg',112217,131);

```

```

insert into Enrollment values(998818,'2019-11-
4',92.8,'images (19).jpg',112218,132);
insert into Enrollment values(998819,'2020-12-
4',93.8,'images (20).jpg',112219,132);
insert into Enrollment values(998820,'2016-8-
5',70.1,'images (21).jpg',112220,133);
insert into Enrollment values(998821,'2017-9-
5',75.1,'images (22).jpg',112221,133);
insert into Enrollment values(998822,'2018-10-
5',78.1,'images (23).jpg',112222,134);
insert into Enrollment values(998823,'2019-11-
5',67.3,'images (24).jpg',112223,134);
insert into Enrollment values(998824,'2020-12-
5',69.3,'images (25).jpg',112224,135);
insert into Enrollment values(998825,'2016-8-
6',92.3,'images (26).jpg',112225,135);
insert into Enrollment values(998826,'2017-9-
6',68.3,'images (27).jpg',112226,136);
insert into Enrollment values(998827,'2018-10-
6',79.3,'images (28).jpg',112227,136);
insert into Enrollment values(998828,'2019-11-
6',86.9,'images (29).jpg',112228,137);
insert into Enrollment values(998829,'2020-12-
6',65.0,'images (30).jpg',112229,137);
insert into Enrollment values(998830,'2016-8-
7',66.0,'images (31).jpg',112230,138);
insert into Enrollment values(998831,'2017-9-
7',67.0,'images (32).jpg',112231,138);
insert into Enrollment values(998832,'2018-10-
7',68.0,'images (33).jpg',112232,139);
insert into Enrollment values(998833,'2019-11-
7',69.0,'images (34).jpg',112233,139);
insert into Enrollment values(998834,'2020-12-
7',70.2,'images (35).jpg',112234,140);
insert into Enrollment values(998835,'2016-8-
8',71.2,'images (36).jpg',112235,140);
insert into Enrollment values(998836,'2017-9-
8',72.2,'images (37).jpg',112236,141);

```

```

insert into Enrollment values(998837,'2018-10-
8',73.2,'images (38).jpg',112237,141);
insert into Enrollment values(998838,'2019-11-
8',74.2,'images (39).jpg',112238,142);
insert into Enrollment values(998839,'2020-12-
8',75.5,'images (40).jpg',112239,142);
insert into Enrollment values(998840,'2016-8-
9',76.7,'images (41).jpg',112240,143);
insert into Enrollment values(998841,'2017-9-
9',77.2,'images (42).jpg',112241,143);
insert into Enrollment values(998842,'2018-10-
9',78.5,'images (43).jpg',112242,144);
insert into Enrollment values(998843,'2019-11-
9',79.5,'images (44).jpg',112243,144);
insert into Enrollment values(998844,'2020-12-
9',99.4,'images (45).jpg',112244,145);
insert into Enrollment values(998845,'2016-8-
10',91.4,'images (46).jpg',112245,145);
insert into Enrollment values(998846,'2017-9-
10',92.4,'images (47).jpg',112246,146);
insert into Enrollment values(998847,'2018-10-
10',93.4,'images (48).jpg',112247,146);
insert into Enrollment values(998848,'2019-11-
10',94.4,'images (49).jpg',112248,147);
insert into Enrollment values(998849,'2020-12-
10',95.6,'images (50).jpg',112249,147);
insert into Enrollment values(998850,'2016-8-
11',96.6,'images (51).jpg',112250,148);
insert into Enrollment values(998851,'2017-9-
11',97.6,'images (52).jpg',112251,148);
insert into Enrollment values(998852,'2018-10-
11',88.6,'images (53).jpg',112252,149);
insert into Enrollment values(998853,'2019-11-
11',89.6,'images (54).jpg',112253,149);
insert into Enrollment values(998854,'2020-12-
11',90.6,'images (55).jpg',112254,150);
insert into Enrollment values(998855,'2016-8-
12',91.7,'images (56).jpg',112255,150);

```



```

insert into Enrollment values(998856,'2017-9-
12',92.2,'images (57).jpg',112256,151);
insert into Enrollment values(998857,'2018-10-
12',93.5,'images (58).jpg',112257,151);
insert into Enrollment values(998858,'2019-11-
12',94.5,'images (59).jpg',112258,152);
insert into Enrollment values(998859,'2020-12-
12',95.5,'images (60).jpg',112259,152);
insert into Enrollment values(998860,'2016-8-
13',96.7,'images (61).jpg',112260,153);
insert into Enrollment values(998861,'2017-9-
13',97.2,'images (62).jpg',112261,153);
insert into Enrollment values(998862,'2018-10-
13',98.5,'images (63).jpg',112262,154);
insert into Enrollment values(998863,'2019-11-
13',99.5,'images (64).jpg',112263,154);
insert into Enrollment values(998864,'2020-12-
13',99.1,'images (65).jpg',112264,155);
insert into Enrollment values(998865,'2016-8-
14',85.9,'images (66).jpg',112265,155);
insert into Enrollment values(998866,'2017-9-
14',80.9,'images (67).jpg',112266,156);
insert into Enrollment values(998867,'2018-10-
14',90.9,'images (68).jpg',112267,156);
insert into Enrollment values(998868,'2019-11-
14',91.9,'images (69).jpg',112268,157);
insert into Enrollment values(998869,'2020-12-
14',80.9,'images (70).jpg',112269,157);
insert into Enrollment values(998870,'2016-8-
15',73.9,'images (71).jpg',112270,158);
insert into Enrollment values(998871,'2017-9-
15',82.9,'images (72).jpg',112271,158);
insert into Enrollment values(998872,'2018-10-
15',95.9,'images (73).jpg',112272,159);
insert into Enrollment values(998873,'2019-11-
15',66.9,'images (74).jpg',112273,159);
insert into Enrollment values(998874,'2020-12-
15',89.9,'images (75).jpg',112274,160);

```

```

insert into Enrollment values(998875,'2016-8-
16',78.9,'images (76).jpg',112275,160);
insert into Enrollment values(998876,'2017-9-
16',99.9,'images (77).jpg',112276,161);
insert into Enrollment values(998877,'2018-10-
16',64.9,'images (78).jpg',112277,161);
insert into Enrollment values(998878,'2019-11-
16',68.9,'images (79).jpg',112278,162);
insert into Enrollment values(998879,'2020-12-
16',86.9,'images (80).jpg',112279,162);
insert into Enrollment values(998880,'2016-8-
17',84.7,'images (81).jpg',112280,163);
insert into Enrollment values(998881,'2017-9-
17',80.2,'images (82).jpg',112281,163);
insert into Enrollment values(998882,'2018-10-
17',93.5,'images (83).jpg',112282,164);
insert into Enrollment values(998883,'2019-11-
17',95.5,'images (84).jpg',112283,164);
insert into Enrollment values(998884,'2020-12-
17',99.5,'images (85).jpg',112284,165);
insert into Enrollment values(998885,'2016-8-
18',8.7,'images (86).jpg',112285,165);
insert into Enrollment values(998886,'2017-9-
18',83.2,'images (87).jpg',112286,165);
insert into Enrollment values(998887,'2018-10-
18',99.5,'images (88).jpg',112287,166);
insert into Enrollment values(998888,'2019-11-
18',97.5,'images (89).jpg',112288,166);
insert into Enrollment values(998889,'2020-12-
18',93.5,'images (90).jpg',112289,166);
insert into Enrollment values(998890,'2016-8-
19',91.7,'images (91).jpg',112290,167);
insert into Enrollment values(998891,'2017-9-
19',92.2,'images (92).jpg',112291,167);
insert into Enrollment values(998892,'2018-10-
19',93.5,'images (93).jpg',112292,167);
insert into Enrollment values(998893,'2019-11-
19',94.5,'images (94).jpg',112293,168);

```



```
insert into Enrollment values(998894,'2020-12-19',95.5,'images (95).jpg',112294,168);
insert into Enrollment values(998895,'2016-8-20',96.7,'images (96).jpg',112295,168);
insert into Enrollment values(998896,'2017-9-20',91.2,'images (97).jpg',112296,169);
insert into Enrollment values(998897,'2018-10-20',93.5,'images (98).jpg',112297,169);
insert into Enrollment values(998898,'2019-11-20',96.5,'images (99).jpg',112298,169);
insert into Enrollment values(998899,'2020-12-20',91.5,'images (100).jpg',112299,169);
```

```
select * from Enrollment;
```

```
SELECT * FROM University u
join College c
on u.Univ_ID=c.Univ_ID
join Department d
on c.College_ID=d.College_ID
join Enrollment e
on d.Dep_ID=e.Dep_ID
join Student s
on e.Student_ID=s.Student_ID;
```

-----

# Python Code:

# Our Project ==> Student Enrollment System

```
# it will return the location
from tkinter import filedialog
from PIL import ImageTk, Image
from tkinter import *
from datetime import date
from tkcalendar import *
from tkinter import ttk
import pyodbc
from tkinter import messagebox
```

Registration Window

Registration Form Is Here

First Name: Last Name: Student ID: Gmail: Phone Number:

Hozan Ageed 111111 hozan1549@gmail.com +9647821234567

Upload Image Certificate: Date Of Birth: Choose University: Choose College: Choose Department:

C:/Users/HOZAN/Desktop 11/9/99 Salahaddin Science CS & IT

Choose Gender: ☒ Male ☐ Female Your Grade: 92.7

First Name	Last Name	Student ID	Gmail	Image Certificate	Grade	Phone Number	University	College	Department
James	John	112200	James@gmail.com	images (1).jpg	65.2	+9647826030525	Salahaddin	Science	CS & IT
Mary	Patricia	112201	Mary@gmail.com	images (2).jpg	70.9	+9647835459526	Salahaddin	Science	CS & IT
Robert	Michael	112202	Robert@gmail.com	images (3).jpg	80.7	+9647507788527	Salahaddin	Science	Math
Jennifer	Linda	112203	Jennifer@gmail.com	images (4).jpg	90.4	+9647835459528	Salahaddin	Science	Math
William	David	112204	William@gmail.com	images (5).jpg	92.6	+9647826030529	Salahaddin	Science	Physic
Elizabeth	Barbara	112205	Elizabeth@gmail.com	images (6).jpg	86.7	+9647835459530	Salahaddin	Science	Physic
Richard	Joseph	112206	Richard@gmail.com	images (7).jpg	80.2	+9647507788531	Salahaddin	Science	Geology
Susan	Jessica	112207	Susan@gmail.com	images (8).jpg	60.5	+9647835459532	Salahaddin	Science	Geology
Thomas	Charles	112208	Thomas@gmail.com	images (9).jpg	50.5	+9647826030533	Salahaddin	Science	Biology
Sarah	Karen	112209	Sarah@gmail.com	images (10).jpg	55.5	+9647835459534	Salahaddin	Science	Biology

Reset Record Select Record Save Record Add Record Delete One Selected

Registration

New Student Added Successfully

OK

```
def dashBoard(): # Registration Form
    root2.destroy()
    root.destroy()
```

```

global regis_form_window
regis_form_window = Tk() # New Window
regis_form_window.geometry("1325x675+20+0")
regis_form_window.title("Registration Window")
regis_form_window.config(bg="#56A2DD")
# regis_form_window.resizable(False,False)
regis_form_window.iconbitmap(r'student icon.ico')
regis_form_window.focus_force()

l_title = Label(regis_form_window,
                text="Registration Form Is Here",
                font=('Century', 20, 'bold'),
                bg="#C1D9F9", fg="white")
l_title.pack(pady=5, ipadx=5, ipady=5)

regis_window = Frame(regis_form_window, bg="#C1D9F9")
regis_window.pack(anchor=N)
Label(regis_window, bg="#C1D9F9").grid(row=0, column=0)
l_first_name = Label(regis_window, text="First Name: ",
                    font=('Century', 16, 'bold'),
                    bg="#C1D9F9").grid(row=1, column=1, sticky=W)
e_first_name = Entry(regis_window, font=(
    'Arial', 14), fg="#76787C", bg="#f0e99a",
    relief="groove", justify="center")
e_first_name.grid(row=2, column=1)
e_first_name.focus_force()
# -----
-----

Label(regis_window, bg="#C1D9F9").grid(row=0, column=2)

l_last_name = Label(regis_window, text="Last Name: ",
                    font=('Century', 16, 'bold'),
                    bg="#C1D9F9").grid(row=1, column=3)
e_last_name = Entry(regis_window, font=(
    'Arial', 14), fg="#76787C", bg="#f0e99a",
    relief="groove", justify="center")
e_last_name.grid(row=2, column=3)

```

```

# -----
Label(regis_window, bg="#C1D9F9").grid(row=0, column=4)

l_id = Label(regis_window, text="Student ID: ",
font=('Century', 16, 'bold'),
bg="#C1D9F9").grid(row=1, column=5)
e_id = Entry(regis_window, font=('Arial', 14),
fg="#76787C",bg="#f0e99a",
relief="groove",justify="center")
e_id.grid(row=2, column=5)
# -----

Label(regis_window, bg="#C1D9F9").grid(row=0, column=6)

l_gmail = Label(regis_window, text="Gmail: ", font=('Century', 16, 'bold'),
bg="#C1D9F9").grid(row=1, column=7)
e_gmail = Entry(regis_window, font=('Arial', 14), fg="#76787C",
bg="#f0e99a", relief="groove", justify="center")
e_gmail.grid(row=2, column=7)
# -----

Label(regis_window, bg="#C1D9F9").grid(row=0, column=8)

l_phone = Label(regis_window, text="Phone Number: ",
font=('Century', 16, 'bold'),bg="#C1D9F9").grid(row=1, column=9)
e_phone = Entry(regis_window, font=('Arial', 14), fg="#76787C",
bg="#f0e99a", relief="groove", justify="center")
e_phone.grid(row=2, column=9)
# -----

Label(regis_window, bg="#C1D9F9").grid(row=3, column=0) # space for row

def open_file():
    regis_window.filename = filedialog.askopenfilename(initialdir="C:\\Users\\HOZAN\\Desktop",

```

```

        title="Select A File",filetypes=(("png files", "*.png"),
        ("all files", "*.*")))
v_image.set(regis_window.filename)

b_upload = Button(regis_window, text="Upload Image Certificare: ",
        font=('Century', 10, 'bold'), cursor="hand2",
        bg="#C69A9A", relief="ridge",
        command=open_file).grid(row=4, column=1, sticky=W)
v_image = StringVar()
v_image.set("")
e_upload = Entry(regis_window, textvariable=v_image, font=(
        'Arial', 14), fg="#76787C", bg="#f0e99a", relief="groove")
e_upload.grid(row=5, column=1)
# -----
-----

Label(regis_window, bg="#C1D9F9").grid(row=0, column=2)

def get_date():          # global v_date
    v_date.set(cal.get_date())
    date_window.destroy()

def grab_date():
    global date_window
    date_window = Toplevel(regis_window)
    date_window.title("Date Window")
    date_window.focus_force()

    global cal
    cal = Calendar(date_window, selectmode="day",
        year=1999, month=11, day=9)
    cal.pack(pady=20)
    date_button = Button(date_window, text="Get Date", command=get_dat
e)

    date_button.pack(pady=5)
    date_window.mainloop()
v_date = StringVar()
v_date.set("")
b_Date = Button(regis_window, text="Date Of Birth: ",

```

```

font=('Century', 10, 'bold'), cursor="hand2",
      bg="#C69A9A", relief="ridge",
      command=grab_date).grid(row=4, column=3)
e_Date = Entry(regis_window, textvariable=v_date,
font=('Arial', 14), fg="#76787C", bg="#f0e99a",
      relief="groove", justify="center")
e_Date.grid(row=5, column=3)
# -----

```

```

Label(regis_window, bg="#C1D9F9").grid(row=0, column=4)

```

```

# Creating a list of Universities

```

```

universities = [
    "Salahaddin",
    "Sulaimani",
    "Duhok"
]

```

```

coll_of_sala = [
    "Science",
    "Engineering",
    "Language"
]

```

```

coll_of_sulai = [
    "Medicine",
    "Engineering"
]

```

```

# Creating a list of colleges

```

```

colleges = [
    "Science",
    "Engineering",
    "Language",
    "Medicine"
]

```

```

# Creating a list of departments of Science

```

```

dep_of_science = [
    "CS & IT",
    "Math",
    "Physic",

```

```

        "Geology",
        "Biology",
        "chemic"
    ]
    # Creating a list of departments of Engineering
    dep_of_engineering = [
        "Software Engineering",
        "Mechanical & Mechatronics",
        "Architecture",
        "Civil",
        "Electrical"
    ]
    # Creating a list of departments of Language
    dep_of_language = [
        "Kurdish",
        "Arabic",
        "English",
        "French",
        "Germany",
        "Turkish"
    ]
    # Creating a list of departments of Medicine
    dep_of_Medicine = [
        "General Medicine",
        "Dentistry",
        "Pharmacy",
        "Ophthalmology"
    ]

def pick_dep(e):
    if coll_combo.get() == "Science":
        dep_combo.config(value=dep_of_science)
#         dep_combo.current(0)
    elif coll_combo.get() == "Engineering":
        dep_combo.config(value=dep_of_engineering)
#         dep_combo.current(0)
    elif coll_combo.get() == "Language":
        dep_combo.config(value=dep_of_language)

```

```

#         dep_combo.current(0)
elif coll_combo.get() == "Medicine":
    dep_combo.config(value=dep_of_Medicine)
#         dep_combo.current(0)

def pick_coll(e):
    if univ_combo.get() == "Salahaddin":
        coll_combo.config(value=coll_of_sala)
        coll_combo.delete(0, END)
        dep_combo.delete(0, END)
    elif univ_combo.get() == "Sulaimani":
        coll_combo.config(value=coll_of_sulai)
        coll_combo.delete(0, END)
        dep_combo.delete(0, END)
    elif univ_combo.get() == "Duhok":
        coll_combo.config(value=colleges)
        coll_combo.delete(0, END)
        dep_combo.delete(0, END)

l_univ = Label(regis_window, text="Choose University: ",
               font=('Century', 16, 'bold'),
               bg="#C1D9F9").grid(row=4, column=5)
# create a dropdown box
univ_combo = ttk.Combobox(
    regis_window, value=universities, font=('Arial', 12))
#     univ_combo.current(0)
univ_combo.grid(row=5, column=5)
univ_combo.bind("<<ComboboxSelected>>", pick_coll)
# -----
-----
Label(regis_window, bg="#C1D9F9").grid(row=0, column=6)

l_coll = Label(regis_window, text="Choose College: ",
               font=('Century', 16, 'bold'),
               bg="#C1D9F9").grid(row=4, column=7)

coll_combo = ttk.Combobox(regis_window,
                           value=colleges, font=('Arial', 12))

```



```

# coll_combo.current(0)
coll_combo.grid(row=5, column=7)
coll_combo.bind("<<ComboboxSelected>>", pick_dep)
# -----
-----

Label(regis_window, bg="#C1D9F9").grid(row=0, column=8)

l_dep = Label(regis_window, text="Choose Department: ",
font=('Century', 16, 'bold'),
bg="#C1D9F9").grid(row=4, column=9)

# Department combo box
dep_combo = ttk.Combobox(regis_window, value=[" "],
font=('Arial', 12))
dep_combo.current(0)
dep_combo.grid(row=5, column=9)
# -----
-----

Label(regis_window, bg="#C1D9F9").grid(row=6, column=0) # space for row
ow

l_gender = Label(regis_window, text="Choose Gender: ",
font=('Century', 16, 'bold'),
bg="#C1D9F9").grid(row=7, column=1)
va = StringVar()
va.set(" ")
Radiobutton(regis_window, text="Male", variable=va,
value="Male", font=('Arial', 10),
bg="#C1D9F9").grid(row=7, column=3, sticky=W)
Radiobutton(regis_window, text="Female", variable=va,
value="Female", font=('Arial', 10),
bg="#C1D9F9").grid(row=7, column=3, sticky=E)
# -----
-----

# space for row
Label(regis_window, bg="#C1D9F9").grid(row=8, column=0)

l_grade = Label(regis_window, text="Your Grade: ",

```

```

font=('Century', 16, 'bold'),
      bg="#C1D9F9").grid(row=7, column=5)
e_grade = Entry(regis_window, font=('Arial', 14), fg="#76787C",
      bg="#f0e99a", relief="groove", justify="center")
e_grade.grid(row=7, column=7)

```

```

#

```

---

```

show_window = Frame(regis_form_window, bg="#C1D9F9")
show_window.pack(pady=5)
# Add Some Style
style = ttk.Style()
# Pick a theme
style.theme_use("default") # default,clam,alt
# Configure our treeview colors
style.configure("Treeview",
                background="white",
                foreground="black",
                rowheight=25,
                fieldbackground="white")
# Change Selected Color
style.map("Treeview",
         background=[('selected', 'blue')])
# Create treeview Frame
tree_frame = Frame(show_window, bg="yellow")
tree_frame.pack(pady=10)
# Treeview Scrollbar
tree_scroll = Scrollbar(tree_frame)
tree_scroll.pack(side="right", fill=Y)
# Create Treeview
my_tree = ttk.Treeview(tree_frame, yscrollcommand=tree_scroll.set)
# pack to the screen
my_tree.pack()
# Configure the scrollbar
tree_scroll.config(command=my_tree.yview)
# Define Our Columns
my_tree['columns'] = ("First Name", "Last Name",

```

```

        "Student ID", "Gmail",
        "Image Certificare", "DOB",
        "Gender", "Grade",
        "Phone Number", "University",
        "College", "Department")

# Format Our Columns
my_tree.column("#0", width=0, stretch=NO)
my_tree.column("First Name", anchor=CENTER, width=100)
my_tree.column("Last Name", anchor=CENTER, width=100)
my_tree.column("Student ID", anchor=CENTER, width=100)
my_tree.column("Gmail", anchor=CENTER, width=130)
my_tree.column("Image Certificare", anchor=CENTER, width=120)
my_tree.column("DOB", anchor=CENTER, width=100)
my_tree.column("Gender", anchor=CENTER, width=100)
my_tree.column("Grade", anchor=CENTER, width=100)
my_tree.column("Phone Number", anchor=CENTER, width=120)
my_tree.column("University", anchor=CENTER, width=100)
my_tree.column("College", anchor=CENTER, width=100)
my_tree.column("Department", anchor=CENTER, width=120)

# Create Headings
my_tree.heading("#0", text="", anchor=CENTER)
my_tree.heading("First Name", text="First Name", anchor=CENTER)
my_tree.heading("Last Name", text="Last Name", anchor=CENTER)
my_tree.heading("Student ID", text="Student ID", anchor=CENTER)
my_tree.heading("Gmail", text="Gmail", anchor=CENTER)
my_tree.heading("Image Certificare",
                text="Image Certificare", anchor=CENTER)
my_tree.heading("DOB", text="DOB", anchor=CENTER)
my_tree.heading("Gender", text="Gender", anchor=CENTER)
my_tree.heading("Grade", text="Grade", anchor=CENTER)
my_tree.heading("Phone Number", text="Phone Number", anchor=CENTER)
my_tree.heading("University", text="University", anchor=CENTER)
my_tree.heading("College", text="College", anchor=CENTER)
my_tree.heading("Department", text="Department", anchor=CENTER)

# Add Data
connection = pyodbc.connect('Driver={SQL Server};'

```

```

        'Server=HOZANPC;'
        'Database=userDB2;'
        'Trusted_Connection=yes;')

cursorObject = connection.cursor()
global data
data = cursorObject.execute('''select * from userDB2.dbo.University u
join College c
on u.Univ_ID=c.Univ_ID
join Department d
on c.College_ID=d.College_ID
join Enrollment e
on d.Dep_ID=e.Dep_ID
join Student s
on e.Student_ID=s.Student_ID;''')
# Create striped row tags
my_tree.tag_configure('oddRow', background="white")
my_tree.tag_configure('evenRow', background="lightblue")
global count
count = 0
for record in data:
    if count % 2 == 0:
        my_tree.insert(parent='', index='end', iid=count, text="",
            values=(record[18], record[19], record[17],
                record[22], record[14], record[21],
                record[20], record[13], record[23],
                record[1], record[4], record[8]),
            tags=('evenRow'))
    else:
        my_tree.insert(parent='', index='end', iid=count, text="",
            values=(record[18], record[19], record[17],
                record[22], record[14], record[21],
                record[20], record[13], record[23],
                record[1], record[4], record[8]),
            tags=('oddRow'))

    count += 1

update_ID = ''
update_mark = ''

```

```

global row_to_list
global values
# Add Record

# put values of Entry in variables for using it in database
def add_record():
    fname = e_first_name.get()
    lname = e_last_name.get()
    global st_ID
    st_ID = e_id.get()
    gmail = e_gmail.get()
    phone_num = e_phone.get()
    image = v_image.get()
    DOB = v_date.get()
    gender = va.get()
    mark = e_grade.get()
    univ = univ_combo.get()
    coll = coll_combo.get()
    dep = dep_combo.get()

    # new connection with database
    connection = pyodbc.connect('Driver={SQL Server};'
                                'Server=HOZANPC;'
                                'Database=userDB2;'
                                'Trusted_Connection=yes;')

    cursorObject = connection.cursor()

    query=cursorObject.execute("select * from userDB2.dbo.Student where
Student_ID=(?) or Email=(?) or Phone_Number=(?)",
                                (st_ID,gmail,phone_num))

    if(fname == '' or lname == '' or st_ID == '' or
gmail == '' or phone_num == '' or image == '' or
DOB == '' or gender == '' or mark == '' or
univ == '' or coll == '' or dep == ''):
        messagebox.showwarning(
            "Registration", "The Entries Must Not Be Empty All Of It R
equired",

```

```

        parent=regis_form_window)
elif(query.fetchall()):
    messagebox.showwarning(
        "Registration", " This Student ID or Gmail or Phone Number
Is Already Exist",
        parent=regis_form_window)
    e_first_name.delete(0, END)
    e_last_name.delete(0, END)
    e_id.delete(0, END)
    e_gmail.delete(0, END)
    e_phone.delete(0, END)
    v_image.set("")
    v_date.set("")
    va.set(" ")
    e_grade.delete(0, END)
    univ_combo.delete(0, END)
    coll_combo.delete(0, END)
    dep_combo.delete(0, END)
else:
    messagebox.showinfo(
        "Registration", "New Student Added Successfully",
        parent=regis_form_window)
    st_ID = int(e_id.get())
    enroll_ID = st_ID+10
    mark = float(e_grade.get())
    data2 = cursorObject.execute('''select e.Dep_ID, d.Dep_ID from
University u
    join College c
    on u.Univ_ID=c.Univ_ID
    join Department d
    on c.College_ID=d.College_ID
    join Enrollment e
    on d.Dep_ID=e.Dep_ID
    join Student s
    on e.Student_ID=s.Student_ID
where u.Univ_Name=(?) and c.College_Name=(?) and d.Dep_Name=?
    ); ''',
        (univ, coll, dep))

```

```

global row_to_list
row_to_list = [123]
print(row_to_list)

for row in data2:
    row_to_list = [elem for elem in row]
print(row_to_list)
dep_ID = row_to_list[0]

sql_command_stud = (
    '''insert into userDB2.dbo.Student values(?,?,?,?,?,?,?)'''
)

sql_command_enroll = ('''insert into userDB2.dbo.Enrollment (E
nrol_ID, Enrollment_Date,
Grade, Image_Certificate, Student_ID, Dep_ID)
values(?,?,?,?,?,?,?)''')

cursorObject.execute(sql_command_stud,
                      (st_ID, fname, lname, gender,
                       DOB, gmail, phone_num))
Enroll_date = str(date.today())
cursorObject.execute(
    sql_command_enroll, (enroll_ID, Enroll_date, mark,
                         image, st_ID, dep_ID))
connection.commit()
connection.close()

my_tree.tag_configure('oddRow', background="white")
my_tree.tag_configure('evenRow', background="lightblue")
global count
if count % 2 == 0:
    my_tree.insert(parent='', index='end', iid=count, text="",
                   values=(e_first_name.get(), e_last_name.get
(), e_id.get(),
                           e_gmail.get(), v_image.get(), v_dat
e.get(),

```

```

                                va.get(), e_grade.get(), e_phone.ge
t(),

                                univ_combo.get(), coll_combo.get(),
dep_combo.get()),

                                tags=('evenRow'))
else:
    my_tree.insert(parent='', index='end', iid=count, text="",
                    values=(e_first_name.get(), e_last_name.get
(), e_id.get(),

                                e_gmail.get(), v_image.get(), v_dat
e.get(),

                                va.get(), e_grade.get(), e_phone.ge
t(),

                                univ_combo.get(), coll_combo.get(),
dep_combo.get()),

                                tags=('oddRow'))

    count += 1

# Cleare Entry Boxes
e_first_name.delete(0, END)
e_last_name.delete(0, END)
e_id.delete(0, END)
e_gmail.delete(0, END)
e_phone.delete(0, END)
v_image.set("")
v_date.set("")
va.set(" ")
e_grade.delete(0, END)
univ_combo.delete(0, END)
coll_combo.delete(0, END)
dep_combo.delete(0, END)

def remove_one(): # Remove the selected one
    selected = my_tree.focus()
    if selected == '':
        messagebox.showerror(
            "Registration", "You Should To Select First",
            parent=regis_form_window)

```



```

        return

messagebox.showinfo(
    "Registration", "The Record Has Been Successfully Deleted",
    parent=regis_form_window)
# my_tree.selection()[0] for select one item only
x = my_tree.selection()[0]
values = my_tree.item(selected, 'values') # Getting the whole row
my_tree.delete(x)
# new connection with database
connection = pyodbc.connect('Driver={SQL Server};'
                            'Server=HOZANPC;'
                            'Database=userDB2;'
                            'Trusted_Connection=yes;')

cursorObject = connection.cursor()
stu_id = int(values[2])
grade = float(values[7])
cursorObject.execute(
    "delete from userDB2.dbo.Enrollment where Student_ID=(?) and G
rade=(?)",
    (stu_id, grade))
cursorObject.execute(
    "delete from userDB2.dbo.Student where Student_ID=(?)",
    stu_id)
connection.commit()
connection.close()

def select_record(): # Select Record
    # Clear Entry Boxes
    e_first_name.delete(0, END)
    e_last_name.delete(0, END)
    e_id.delete(0, END)
    e_gmail.delete(0, END)
    e_phone.delete(0, END)
    v_image.set("")
    v_date.set("")
    va.set(" ")
    e_grade.delete(0, END)

```

```

univ_combo.delete(0, END)
coll_combo.delete(0, END)
dep_combo.delete(0, END)

# grab record number
selected = my_tree.focus()
if selected == '':
    messagebox.showerror(
        "Registration", "You Should To Select First",
        parent=regis_form_window)
    return
# grab record values
global values
values = my_tree.item(selected, 'values')
# print(values)
# temp_label.config(text=values[0]) #Return Tuple

# Output to entry boxes
e_first_name.insert(0, values[0])
e_last_name.insert(0, values[1])
global update_ID
update_ID = values[2]
e_id.insert(0, values[2])
e_gmail.insert(0, values[3])
v_image.set(values[4])
v_date.set(values[5])
va.set(values[6])
global update_mark
update_mark = values[7]
e_grade.insert(0, values[7])
e_phone.insert(0, values[8])
univ_combo.insert(0, values[9])
coll_combo.insert(0, values[10])
dep_combo.insert(0, values[11])

def update_record(): # Save Update Record
    global update_ID
    global update_mark

```

```

# grab record number
selected = my_tree.focus()
if selected == '':
    messagebox.showerror(
        "Registration", "You Should To Select First",
        parent=regis_form_window)
    return

# put values of Entry in variables for using it in database
fname = e_first_name.get()
lname = e_last_name.get()
global st_ID
st_ID = e_id.get()
gmail = e_gmail.get()
phone_num = e_phone.get()
image = v_image.get()
DOB = v_date.get()
gender = va.get()
mark = e_grade.get()
univ = univ_combo.get()
coll = coll_combo.get()
dep = dep_combo.get()

# new connection with database
connection = pyodbc.connect('Driver={SQL Server};'
                            'Server=HOZANPC;'
                            'Database=userDB2;'
                            'Trusted_Connection=yes;')

cursorObject = connection.cursor()
# Delete Record
cursorObject.execute("delete from userDB2.dbo.Enrollment where Stu
dent_ID=(?) and Grade=(?)",
                    (update_ID, update_mark))
cursorObject.execute(
    "delete from userDB2.dbo.Student where Student_ID=(?)", update
_ID)

query=cursorObject.execute("select * from userDB2.dbo.Student where
Student_ID=(?) or Email=(?) or Phone_Number=(?)",

```

```

(st_ID,gmail,phone_num))
if(fname == '' or lname == '' or st_ID == '' or
gmail == '' or phone_num == '' or image == '' or
DOB == '' or gender == '' or mark == '' or
univ == '' or coll == '' or dep == ''):
    messagebox.showwarning(
        "Registration", "The Entries Must Not Be Empty All Of It R
equired",
        parent=regis_form_window)
elif(query.fetchall()):
    messagebox.showwarning(
        "Registration", " This Student ID or Gmail or Phone Number
Is Already Exist",
        parent=regis_form_window)
    e_first_name.delete(0, END)
    e_last_name.delete(0, END)
    e_id.delete(0, END)
    e_gmail.delete(0, END)
    e_phone.delete(0, END)
    v_image.set("")
    v_date.set("")
    va.set(" ")
    e_grade.delete(0, END)
    univ_combo.delete(0, END)
    coll_combo.delete(0, END)
    dep_combo.delete(0, END)
else:
    messagebox.showinfo(
        "Registration", "The Student Updated Successfully",
        parent=regis_form_window)
    st_ID = int(e_id.get())
    enroll_ID = st_ID+10
    mark = float(e_grade.get())
    data2 = cursorObject.execute('''select e.Dep_ID, d.Dep_ID from
University u
    join College c
    on u.Univ_ID=c.Univ_ID
    join Department d

```

```

on c.College_ID=d.College_ID
join Enrollment e
on d.Dep_ID=e.Dep_ID
join Student s
on e.Student_ID=s.Student_ID
where u.Univ_Name=(?) and c.College_Name=(?) and d.Dep_Name=(?
); '''

(univ, coll, dep))

global row_to_list
row_to_list = [123]

for row in data2:
    row_to_list = [elem for elem in row]
print(row_to_list)
dep_ID = row_to_list[0]

# ADD Record
sql_command_stud = (
    '''insert into userDB2.dbo.Student values(?,?,?,?,?,?,?)'''
)

sql_command_enroll = ('''insert into userDB2.dbo.Enrollment (E
nrol_ID,Enrollment_Date,
Grade,Image_Certificate,Student_ID,Dep_ID)
values(?,?,?,?,?,?,?)''')

cursorObject.execute(sql_command_stud,
                      (st_ID, fname, lname, gender,
                       DOB, gmail, phone_num))
Enroll_date = str(date.today())
cursorObject.execute(
    sql_command_enroll, (enroll_ID, Enroll_date,
                         mark, image, st_ID, dep_ID))
connection.commit()
connection.close()

# save new data
my_tree.item(selected, text="",

```

```

        values=(e_first_name.get(), e_last_name.get(), e_
id.get(),
                e_gmail.get(), v_image.get(), v_date.get(
),
                va.get(), e_grade.get(), e_phone.get(),
                univ_combo.get(), coll_combo.get(), dep_c
ombo.get(),))

```

```

    # Clear Entry Boxes

```

```

    e_first_name.delete(0, END)
    e_last_name.delete(0, END)
    e_id.delete(0, END)
    e_gmail.delete(0, END)
    e_phone.delete(0, END)
    v_image.set("")
    v_date.set("")
    va.set(" ")
    e_grade.delete(0, END)
    univ_combo.delete(0, END)
    coll_combo.delete(0, END)
    dep_combo.delete(0, END)

```

```

def reset_record():

```

```

    # Clear Entry Boxes

```

```

    e_first_name.delete(0, END)
    e_last_name.delete(0, END)
    e_id.delete(0, END)
    e_gmail.delete(0, END)
    e_phone.delete(0, END)
    v_image.set("")
    v_date.set("")
    va.set(" ")
    e_grade.delete(0, END)
    univ_combo.delete(0, END)
    coll_combo.delete(0, END)
    dep_combo.delete(0, END)

```

```

# Buttons

```

```

reset_button = Button(show_window, text="Reset Record",

```

```

        cursor="hand2",bg="#33AD6A", fg="white",
        font=('Century', 12), relief="flat",
        overrelief="ridge", command=reset_record)
reset_button.pack(side="left", padx=80)

select_button = Button(show_window, text="Select Record",
        cursor="hand2",bg="#33AD6A", fg="white",
        font=('Century', 12), relief="flat",
        overrelief="ridge", command=select_record)
select_button.pack(side="left", padx=60)

update_button = Button(show_window, text="Save Record",
        cursor="hand2",bg="#33AD6A", fg="white",
        font=('Century', 12), relief="flat",
        overrelief="ridge", command=update_record)
update_button.pack(side="left", padx=60)

add_records = Button(show_window, text="Add Record",
        cursor="hand2",bg="#33AD6A", fg="white",
        font=('Century', 12), relief="flat", overrelief="ridge",
        command=add_record)
add_records.pack(side="left", padx=60)

# Remove the selected one
remove_one = Button(show_window,
        text="Delete One Selected",
        cursor="hand2",bg="#33AD6A", fg="white",
        font=('Century', 12), relief="flat",
        overrelief="ridge", command=remove_one)
remove_one.pack(side="left", padx=80, pady=10)
connection.commit()
connection.close()
regis_form_window.mainloop()

def submit2():
    user = e1.get()
    password = e2.get()
    connection = pyodbc.connect('Driver={SQL Server};'

```

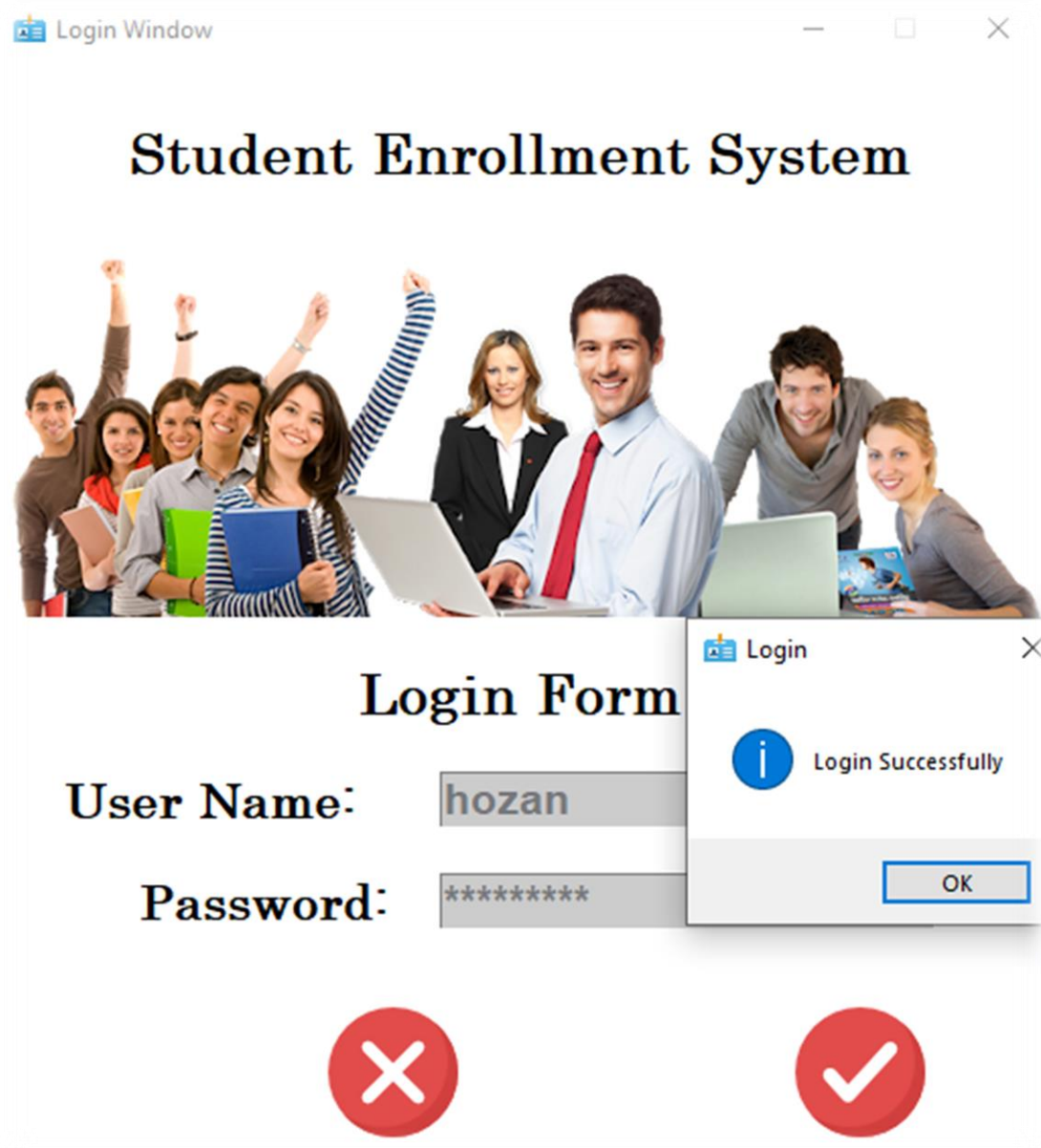
```

        'Server=HOZANPC;'
        'Database=userDB2;'
        'Trusted_Connection=yes;')

cursorObject = connection.cursor()
query = cursorObject.execute(
    "select * from userDB2.dbo.users where userName=(?) and password=(
?)",
    (user, password))
if(query.fetchall()):
    messagebox.showinfo("Login", "Login Successfully",
        parent=root2)
    dashBoard()
elif user == '' or password == '':
    messagebox.showwarning(
        "Login", "The Entry Must Not Be Empty",
        parent=root2)
else:
    messagebox.showerror(
        "Login", "Wrong Username or Password",
        parent=root2)
    e1.delete(0, END)
    e2.delete(0, END)
connection.commit()
connection.close()

```





```
def login():  
    global e1, e2, root2  
    root2 = Toplevel(root)  
    root2.title('Login Window')  
    root2.focus_force()  
    root2.resizable(False, False)  
    root2.geometry('+250+10')  
    root2.iconbitmap(r'student icon.ico')  
    root2.config(bg='white')
```

```

f1 = Frame(root2, bg="white")
f1.pack(side='top')

f2 = Frame(root2, bg="white")
f2.pack(side='top', pady=16)

f3 = Frame(root2, bg="white")
f3.pack(side='left', pady=16)

Label(f1, text='Student Enrollment System', font=(
    'Century', 20, 'bold'), bg="white").pack(pady=26)
p1 = PhotoImage(file='login Enrollment.png')
Label(f1, image=p1, bg="white").pack()

Label(f1, text='Login Form', font=(
    'Century', 20, 'bold'), bg="white").pack(pady=16)

Label(f1, text='User Name: ',
    font=('Century', 18, 'bold'),
    bg="white").pack(side='left', padx=30)
e1 = Entry(f1, font=('Arial', 16, 'bold'),
    fg="#76787C", bg='#ccc')
e1.pack(side='left')
e1.focus_force()

Label(f2, text='Password: ',
    font=('Century', 18, 'bold'),
    bg="white").pack(side='left', padx=14)
e2 = Entry(f2, font=('Arial', 16, 'bold'),
    fg="#76787C", bg='#ccc', show='*')
e2.pack(side='left')

cb = PhotoImage(file="cancelB2.png")
sb = PhotoImage(file="checked2.png")
Button(f3, image=cb, bg="white",
    relief=FLAT, takefocus=1,
    command=lambda: root2.destroy(), cursor="hand2",
    overrelief='ridge').pack(side='left', padx=160)

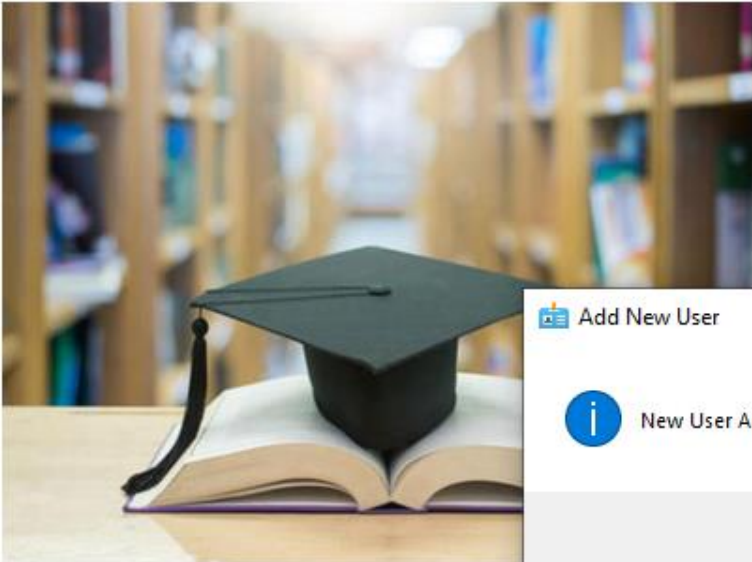
```

```


Button(f3, image=sb, bg="white", relief=FLAT,
      takefocus=2, command=submit2,cursor="hand2",
      overrelief='ridge').pack(side='left')
root2.mainloop()

```

Sign Up



Add New User



New User Added Successfully

OK

Create User Name:

Create Password:

verification PW:

Sign Up

```

def submit():
    new_user = v1.get()

```

```

new_password = v2.get()
conf = v3.get()
if new_user == '' or new_password == '' or conf == '':
    messagebox.showwarning(
        "Login", "The Entry Must Not Be Empty",
        parent=sign_up_window)
    return

if conf == '123456': # verifacation code
    connection = pyodbc.connect('Driver={SQL Server};'
                                'Server=HOZANPC;'
                                'Database=userDB2;'
                                'Trusted_Connection=yes;')

    cursorObject = connection.cursor()
    query = cursorObject.execute("select * from userDB2.dbo.users where
    e userName=(?) and password=(?)",
                                (new_user, new_password))

    if(query.fetchall()):
        messagebox.showwarning(
            "Sign UP", "User Name Exist",
            parent=sign_up_window)
        v1.set('')
        v2.set('')
        v3.set('')
    else:
        query = cursorObject.execute("INSERT INTO userDB2.dbo.users(us
        erName,password) values(?,?)",
                                    (new_user, new_password))

        messagebox.showinfo(
            "Add New User", "New User Added Successfully",
            parent=sign_up_window)
        v1.set('')
        v2.set('')
        v3.set('')
        sign_up_window.destroy()
        connection.commit()
        connection.close()
    else:

```

```

        messagebox.showerror(
            "Wrong Sign Up", "You are not allowed to create admin account"
        )

        parent=sign_up_window)
    v1.set('')
    v2.set('')
    v3.set('')

def sign_up():
    global v1
    global v2
    global v3
    global sign_up_window
    sign_up_window = Toplevel(root)
    sign_up_window.geometry("650x700+500+0")
    sign_up_window.title("Sign Up")
    sign_up_window.iconbitmap(r'student icon.ico')
    sign_up_window.focus_force()
    sign_up_window.config(bg="white")
    sign_up_window.resizable(False, False)

    Label(sign_up_window, text="Sign Up",
        font=('Century', 40, 'bold'),
        bg="white").pack(anchor=N,
        padx=10, pady=20)
    Label(sign_up_window, image=top_pic,
        bg="white").pack(pady=20)

    l_creat_username = Label(sign_up_window,
        text="Create User Name: ", font=(
            'Century', 20, 'bold'),
        bg="white").place(x=20, y=460)
    v1 = StringVar('')
    e_username = Entry(sign_up_window,
        textvariable=v1, font=('Arial', 20),
        fg="#76787C", bg="#f0e99a")
    e_username.place(x=300, y=460)
    e_username.focus_force()

```

```

l_password = Label(sign_up_window,
    text="Create Password:  ", font=(
        'Century', 20, 'bold'),
        bg="white").place(x=20, y=520)
v2 = StringVar('')
e_password = Entry(sign_up_window,
    textvariable=v2, font=('Arial', 20),
    fg="#76787C",bg="#f0e99a",
    show="*").place(x=300, y=520)

l_ver = Label(sign_up_window,
    text="verification PW:  ", font=(
        'Century', 20, 'bold'),
        bg="white").place(x=20, y=580)
v3 = StringVar('')
e_ver = Entry(sign_up_window,
    textvariable=v3, font=(
        'Arial', 20), fg="#76787C",
        bg="#f0e99a", show="*").place(x=300, y=580)

sub_button = Button(sign_up_window,
    text="Sign Up", font=('Century', 20, 'bold'),command=submit,
    bg="#f0e99a", relief="flat",
    overrelief="ridge", width=20).place(x=135, y=635)

```

# Student Enrollment System



*Sign up*

*login*

```
root = Tk()
root.geometry("+600+0")
root.title("Enrolment Window ")
root.config(bg="white")
root.resizable(False, False)
root.iconbitmap(r'student icon.ico')
root.focus_force()
# =====frame
top_frame = Frame(root).pack(side=TOP)
mid_frame = Frame(root).pack(side=BOTTOM)
bootom_frsm = Frame(root)
lab1 = Label(top_frame,
```

```

text="Student Enrollment System", font=(
    'Century', 40, 'bold'),
    bg="white").pack(anchor=N, padx=10, pady=20)
top_pic = PhotoImage(file="university enroll.png")
label_pic = Label(top_frame, image=top_pic,
    bg="white").pack(anchor=CENTER)
# =====middle
signup_button = Button(mid_frame, text="Sign up",
    width="20", bg="#f0e99a", command=sign_up,
    font=('Century', 20, 'italic', 'bold'),
    relief="flat", overrelief="ridge")
signup_button.pack(padx=30, pady=30, ipadx=10, ipady=10)
login_button = Button(mid_frame,
    text="login", width="20", bg="#f0e99a",
    font=('Century', 20, 'italic', 'bold'),
    relief="flat", overrelief="ridge", command=login)
login_button.pack(padx=30, pady=30, ipadx=10, ipady=10)

root.mainloop()

```