

# PROGRESS REPORT

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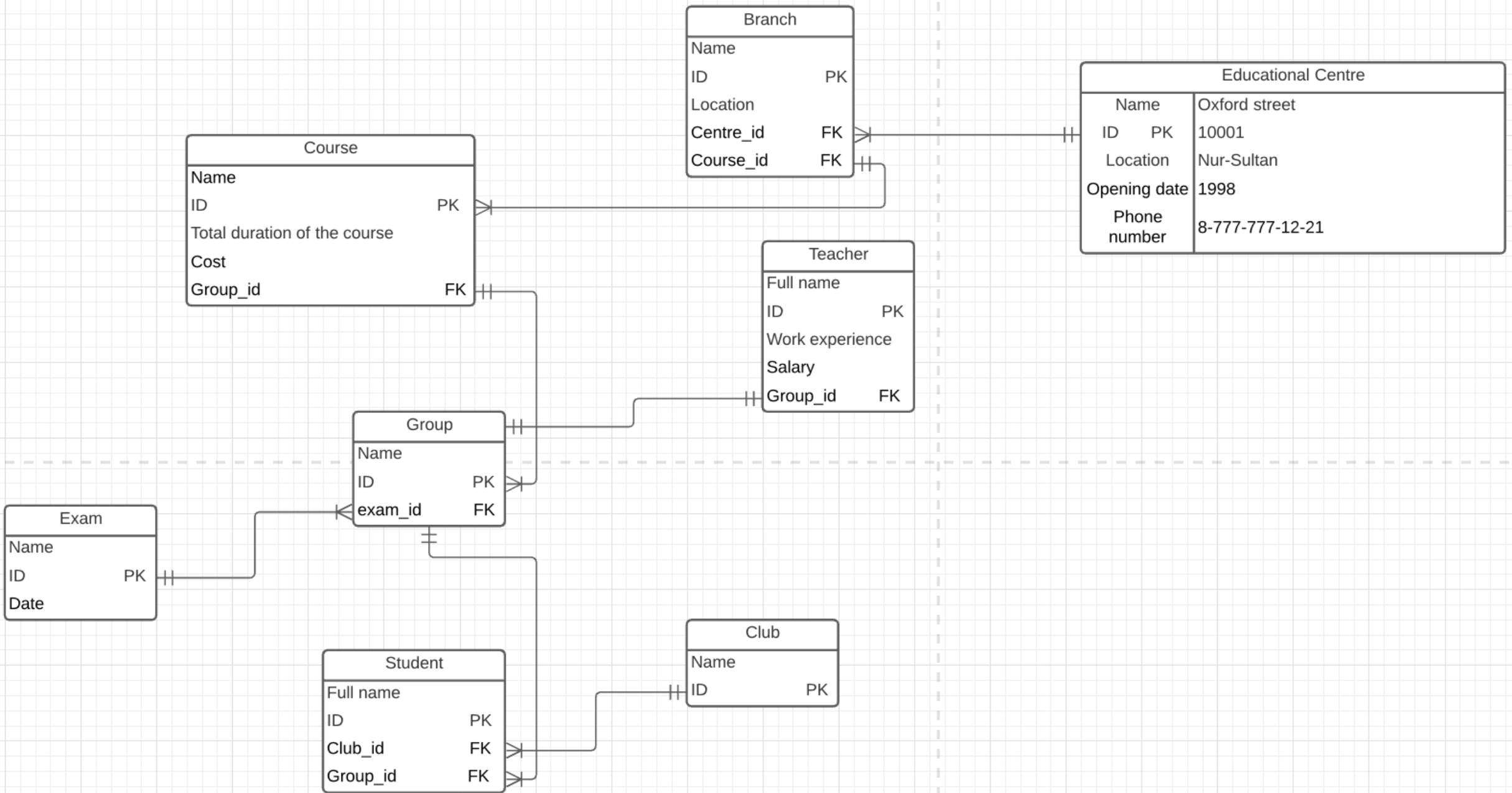
GROUP : SE-2002



# EXPLANATION OF THE PROJECT









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- Project goal: to create a database for an educational center for the study of English for easy access to all characteristics
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- The main purpose of my project is to create a common database for each course, that is add information such as:
  - 1) Course name;
  - 2) List of teachers;
  - 3) Duration of the course;
  - 4) Maximum number of students;
  - 5) Course cost;












# CREATE TABLE







## Tables (8)


- >  branch
- >  club
- >  course
- >  educational\_centre
- >  exam
- >  group\_of\_students
- >  student
- >  teacher






	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>location</b> character varying 	<b>centre_id</b> integer 	<b>course_id</b> integer 
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	<b>name</b> character varying 	<b>id</b> [PK] integer 
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	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>total_duration_of_the_course</b> character varying 	<b>cost</b> integer 	<b>group_of_students_id</b> integer 
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	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>location</b> character varying 	<b>opening_date</b> integer 	<b>phone_number</b> bigint 
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	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>date</b> date 
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	<b>full_name</b> character varying 	<b>id</b> [PK] integer 	<b>club_id</b> integer 	<b>group_of_students_id</b> integer 
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	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>exam_id</b> integer 
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	<b>fullname</b> character varying 	<b>id</b> [PK] integer 	<b>work_experience</b> integer 	<b>salary</b> integer 	<b>group_of_students_id</b> integer 
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# CODE

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- **CREATE TABLE** public.educational\_centre
- (- name character varying **COLLATE** pg\_catalog."default",
- id integer **NOT NULL**,
- location character varying **COLLATE** pg\_catalog."default",
- opening\_date integer,
- phone\_number bigint,
- **CONSTRAINT** educational\_centre\_pkey **PRIMARY KEY** (id)
- )

# INSERT INTO

Data Output

	<b>name</b> character varying 	<b>id</b> [PK] integer 	<b>total_duration_of_the_course</b> character varying 	<b>cost</b> integer 	<b>group_of_students_id</b> integer 
1	IELTS 4.5+	901	45 days	39990	1
2	IELTS 5.5+	902	55 days	49990	9
3	TOEFL 80+	903	60 days	45990	2
4	TOEFL 100+	904	65 days	57899	5
5	APTIS prepare.group	905	40 days	34990	3
6	Pearson_Test_of_Engli...	906	36 days	57764	4
7	The_European_Langua...	907	40 days	57420	10
8	Key_English_Test	908	34 days	63790	6
9	Business_English_Certi...	909	38 days	40700	7
10	The_European_Langua...	910	57 days	46687	8



# INSERT INTO

	<b>name</b> character varying	<b>id</b> [PK] integer	<b>location</b> character varying	<b>centre_id</b> integer	<b>course_id</b> integer
1	Study_English	71	Nur-Sultan	10001	909
2	Fast_Result	72	Almaty	10001	907
3	Exam_preparation	73	Karaganda	10001	910
4	Ielts_preparation	74	Pavlodar	10001	901
5	Oxford_education	75	Kostanai	10001	908
6	Excellent_result	76	Aktobe	10001	906
7	Student_place	77	Atyrau	10001	905
8	English_school	78	Kyzylorda	10001	903
9	Take_good_mark	79	Kokshetau	10001	902
10	Bilim	80	Karaganda	10001	904

# CODES





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- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('IELTS 4.5+', 901, '45 days', '39990', 1);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('IELTS 5.5+', 902, '55 days', '49990', 9);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('TOEFL 80+', 903, '60 days', '45990', 2);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('TOEFL 100+', 904, '65 days', '57899', 5);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('APTIS prepare.group', 905, '40 days', '34990', 3);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('Pearson\_Test\_of\_English', 906, '36 days', '57764', 4);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('The\_European\_Language\_Certificates', 907, '40 days', '57420', 10);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('Key\_English\_Test', 908, '34 days', '63790', 6);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('Business\_English\_Certificates', 909, '38 days', '40700', 7);
- insert into course (name, ID, total\_duration\_of\_the\_course, cost, group\_of\_students\_id) values ('The\_European\_Language\_Certificates', 910, '57 days', '46687', 8);



# JOIN

- select branch.name,branch.id,course.name,course.id
- from branch
- inner join course
- on branch.course\_id=course.id

	<b>name</b> character varying 	<b>id</b> integer 	<b>name</b> character varying 	<b>id</b> integer 
1	Study_English	71	Business_English_Certi...	909
2	Fast_Result	72	The_European_Langua...	907
3	Exam_preparation	73	The_European_Langua...	910
4	Ielts_preparation	74	IELTS 4.5+	901
5	Oxford_education	75	Key_English_Test	908
6	Excellent_result	76	Pearson_Test_of_Engli...	906
7	Student_place	77	APTIS prepare.group	905
8	English_school	78	TOEFL 80+	903
9	Take_good_mark	79	IELTS 5.5+	902
10	Bilim	80	TOEFL 100+	904

# JOIN

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- select  
student.full\_name,student.id,group\_of\_students.name,group\_of\_students.id,course.name,course.id,club.name,club.id
- from student
- inner join group\_of\_students
- on student.group\_of\_students\_id = group\_of\_students.id
- inner join course
- on course.group\_of\_students\_id = group\_of\_students.id
- inner join club
- on student.club\_id = club.id

# JOIN

	<b>full_name</b> character varying	<b>id</b> integer	<b>name</b> character varying	<b>id</b> integer	<b>name</b> character varying	<b>id</b> integer	<b>name</b> character varying	<b>id</b> integer
1	Edeline Pablo	41	A	1	IELTS 4.5+	901	Math club	119
2	Evelyn Perell	36	A	1	IELTS 4.5+	901	Literature club	120
3	Fraser Damato	26	A	1	IELTS 4.5+	901	Origami club	116
4	Maxim Waldrum	11	A	1	IELTS 4.5+	901	Media club	110
5	Cloris Spurman	1	A	1	IELTS 4.5+	901	Media club	110
6	Verina Pallent	49	I	9	IELTS 5.5+	902	TED	105
7	Dacia Upton	32	I	9	IELTS 5.5+	902	Literature club	120
8	Franciskus Romke	30	I	9	IELTS 5.5+	902	Literature club	120
9	Ransell Arnoll	19	I	9	IELTS 5.5+	902	Math club	119
10	Arielle Rountree	5	I	9	IELTS 5.5+	902	TED	105
11	Jeremie Mewton	42	B	2	TOEFL 80+	903	Debate club	113
12	Dagny MacKill	37	B	2	TOEFL 80+	903	Chess club	104
13	Alair Veare	21	B	2	TOEFL 80+	903	Cooking club	111

# THANKS FOR YOUR ATTENTION

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