

Red = PK

Blue = FK

Course

| | | | | |
|------------------|------|------------|------------|-------------|
| <u>Course_ID</u> | Name | Min_Degree | Max_Degree | Description |
|------------------|------|------------|------------|-------------|

Branch

| | |
|------------------|-------------|
| <u>Branch_ID</u> | Branch_Name |
|------------------|-------------|

Course_Branch (composite primary key)

| | |
|------------------|------------------|
| <u>Course_ID</u> | <u>Branch_ID</u> |
|------------------|------------------|

Track

| | |
|-----------------|------------|
| <u>Track_ID</u> | Track_Name |
|-----------------|------------|

Course_Track (composite primary key)

| | |
|------------------|-----------------|
| <u>Course_ID</u> | <u>Track_ID</u> |
|------------------|-----------------|

Intake

| | |
|------------------|-------------|
| <u>Intake_ID</u> | Intake_Name |
|------------------|-------------|

Course_Intake (composite primary key)

| | |
|------------------|------------------|
| <u>Course_ID</u> | <u>Intake_ID</u> |
|------------------|------------------|

Instructor

| | | | |
|---------------|-----|-----------|--------|
| <u>Ins_ID</u> | Age | Inst_Name | Mgr_ID |
|---------------|-----|-----------|--------|

Instructor_Teach_Course

| | |
|------------------|----------------|
| <u>Course_ID</u> | <u>Inst_ID</u> |
|------------------|----------------|

G1 : SQL Project - Mapping

Esraa Saber

Mahmoud Nagy

Nashed Fekry

Questions

| |
|--------------------------------|
| <u>Questions_ID</u> |
| Degree |
| Text_Questions |
| Correct_Answer_Text_Questions |
| True_or_False_Questions |
| Correct_Answer_True_or_False |
| Choose_An_Answer_Question |
| Correct_Answer_Choose_Question |
| <u>Course_Id</u> |

Instructor_Choose_Questions

| | |
|---------------------|----------------------|
| <u>Questions_ID</u> | <u>Instructor_ID</u> |
|---------------------|----------------------|

Questions_Consist_Exam (composite primary key)

| | |
|---------------------|----------------|
| <u>Questions_ID</u> | <u>Exam_ID</u> |
|---------------------|----------------|

Exam

| | | | | |
|----------------|-------------|------------------|-------------|-----------------|
| <u>Exam_ID</u> | Exam_Degree | Allowance_Option | Normal_Exam | Corrective_Exam |
|----------------|-------------|------------------|-------------|-----------------|

Course_Exams (composite primary key)

| | |
|----------------|------------------|
| <u>Exam_ID</u> | <u>Course_ID</u> |
|----------------|------------------|

Instructor_Sets_Exam

| | | | | |
|----------------|----------------|------------|----------|------|
| <u>Exam_ID</u> | <u>Inst_ID</u> | Start_Time | End_Time | Year |
|----------------|----------------|------------|----------|------|

G1 : SQL Project - Mapping

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Students

| | | |
|---------------|----------|---------|
| <u>Std_ID</u> | Std_Name | Std_Age |
|---------------|----------|---------|

Students_take_Exam (composite primary key)

| |
|----------------------------|
| <u>Std_ID</u> |
| <u>Exam_ID</u> |
| <u>Questions_Id</u> |
| Questions_result |
| Std_Answer_Text_Question |
| Std_Answer_Choose_Question |
| Std_Answer_True_or_False |

Student_Branch

| | |
|---------------|-----------|
| <u>Std_ID</u> | Branch_ID |
|---------------|-----------|

Student_Track

| | |
|---------------|----------|
| <u>Std_ID</u> | Track_ID |
|---------------|----------|

Student_Intake

| | |
|---------------|------------------|
| <u>Std_ID</u> | <u>Intake_ID</u> |
|---------------|------------------|

Manager's_Selected_Students

| | | |
|---------------|----------------|----------------|
| <u>Std_ID</u> | <u>Inst_ID</u> | <u>Exam_Id</u> |
|---------------|----------------|----------------|