

Entity	Attribute	Data Type	Constraints	Description
Director	ID	Integer	Primary Key	Unique identifier for the Director
Director	Name	String	Not Null	Name of the Director
Director	Email	String	Not Null, Unique	Email of the Director
Director	Password	String	Not Null	Password for the Director's account
Director	Role	Enum	Not Null	Role of the Director (Director, Teacher, Office Staff)
Director	Assigned Courses	List		List of courses assigned to the Director
Director	Approved Marksheet	Boolean		Flag indicating if the marksheet has been approved by the Director
Teacher	ID	Integer	Primary Key	Unique identifier for the Teacher
Teacher	Name	String	Not Null	Name of the Teacher
Teacher	Email	String	Not Null, Unique	Email of the Teacher
Teacher	Password	String	Not Null	Password for the Teacher's account
Teacher	Role	Enum	Not Null	Role of the Teacher (Director, Teacher, Office Staff)
Teacher	Assigned Courses	List		List of courses assigned to the Teacher
Teacher	Approved Marksheet	Boolean		Flag indicating if the marksheet has been approved by the Teacher
Student	ID	Integer	Primary Key	Unique identifier for the Student
Student	Name	String	Not Null	Name of the Student
Student	Email	String	Not Null, Unique	Email of the Student
Student	Password	String	Not Null	Password for the Student's account
Student	Role	Enum	Not Null	Role of the Student (Director, Teacher, Office Staff)
Student	Registration Number	String	Not Null, Unique	Registration number of the student
Student	Admitted Program	String	Not Null	Program the student has been admitted to
Student	Admitted Fee	Integer	Not Null	Amount of fee admitted by the student
Student	Selected Course	String	Not Null	Course selected by the student
Student	Course Fee	Integer	Not Null	Amount of fee for the selected course
Student	Personal Information	JSON	Not Null	Personal information of the student
Student	Past Results	JSON		Past results of the student

[illegible]