

Teacher table

Attribute name	Data Type	Size	Contents	Constrain
T_ID	INT	-	ID	Not Null
T_NAME	Varchar	30	Name	Not Null
Email	Varchar	130	Email	Primary Key
Password	Varchar	30	Password	Not Null

Student Table

Attribute Name	Data Type	Size	Contents	Constrain
S_ID	Int	-	ID	Not Null
S_Name	Varchar	30	Name	Not Null
S_Class	Varchar	30	Class	Not Null
S_Enroll	Int	30	Enrollment	Not Null
Email	Varchar	50	Email	Primary Key
Password	Varchar	50	password	Not Null

Admin Table

Attribute Name	Data Type	Size	Contents	Constrains
Name	varchar	30	Name	Not Null
Email	varchar	50	Email	Primary Key
Password	varchar	50	password	Not Null

Assignment Table

Attribute Name	Data Type	Size	Content	Constrain
A_ID	Int	-	ID	Not Null
Subject_Name	Varchar	50	Subject	Primary Key
Document	Varchar	30	Type	Not Null
Teacher_Name	Varchar	30	Name	Not Null
Date	Varchar	30	Date	Not Null

Codefest Table

Attribute Name	Data Type	Size	content	Constrain
ID	Int	-	ID	Primary Key
Course	Varchar	30	Date	Not Null
Name	Varchar	30	Name	Not Null
Type	Varchar	30	Type	Not Null
Year	Varchar	30	Year	Not Null

MCQS - Codefest Questions

Attribute Name	Data Type	Size	content	Constrain
Q_ID	Int	-	Q_ID	Primary Key
Question	Varchar	100	Question	Not Null
Op1	Varchar	50	Option 1	Not Null
Op2	Varchar	50	Option 2	Not Null
Op3	Varchar	50	Option 3	Not Null
Op4	Varchar	50	Option 4	Not Null
Ans	Varchar	50	Answer	Not Null

Coding - Codefest Questions

Attribute Name	Data Type	Size	content	Constrain
Q_ID	Int	-	Q_ID	Primary Key
Question	Varchar	100	Question	Not Null

MCQS - Codefest Result

Attribute Name	Data Type	Size	content	Constrain
Q_ID	Int	-	Q_ID	Primary Key
Name	Varchar	100	Name	Foreign Key
Email	Varchar	150	Email	Not Null

Score	Int	50	Score	Not Null
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* Foreign key – Taken from Student table*

Coding - Code fest Result

Attribute Name	Data Type	Size	content	Constrain
Q_ID	Int	-	Q_ID	Primary Key
Name	Var char	100	Name	Foreign Key
Email	Var char	150	Email	Not Null
Score	Int	50	Score	Not Null

* Foreign key – Taken from Student table*

Time Table

Attribute Name	Data Type	Size	content	Constrain
ID	Int	-	ID	Primary Key
Class	Varchar	100	Class	Not Null
Date	Varchar	50	Date	Not Null
Teacher_Name	Varchar	50	Teacher Name	Not Null

Class – Time Table

Attribute Name	Data Type	Size	content	Constrain
C_ID	Int	-	C_ID	Primary Key
Lecture 1	Varchar	100	Lecture 1	Not Null
Lecture 2	Varchar	100	Lecture 2	Not Null
Lecture 3	Varchar	100	Lecture 3	Not Null

Lecture 4	Varchar	100	Lecture 4	Not Null
Lecture 5	Varchar	100	Lecture 5	Not Null
Lecture 6	Varchar	100	Lecture 6	Not Null

Chat

Attribute Name	Data Type	Size	content	Constrain
C_ID	Int	-	C_ID	Primary Key
S_ID	Int	-	Sender Id	Not Null
R_ID	Int	-	Receiver Id	Not Null
Message	Varchar	1000	Message	Not Null