

## All Entities Details

Design Name	class_dojo
Version Date	22.02.2021 02:21:14
Version Comment	
Model Name	Logical

### SubViews

SubView	Description	Notes	Object
<a href="#">School Directory</a>			<a href="#">student school</a>
<a href="#">Student Class Enrollment</a>			<a href="#">student class</a>

Entity Name	attendance
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Table to store the attendance of a student per class per day
Notes	

Number Of Attributes	5
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	attendance_id			Y		DOM				
2	attendance_date					DOM				
3	status					DOM				
4	class_id		F	Y		DOM				
5	student_id		F	Y		DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	attendance_id	primary key for the attendance	
2	attendance_date	Date for which the attendance is taken	
3	status	Stores different values for attendance. Values include * PRESENT * ABSENT * TARDY * LEFT EARLY	
4	class_id	Primary Key for the class	
5	student_id	Unique identifier for the student	

Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
class	have	taken for		0..*:1..1			Y
student	have	belongs to		0..*:1..1			Y

Entity Name	avatar
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Table for storing avatars
Notes	

Number Of Attributes	3
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	avatar_id			Y		DOM				
2	avatar_name					DOM				
3	image					DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
2	avatar_name	name of the avatar	
3	image	Image of the avatar	

#### Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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#### Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
skill	represents	represented by		0..*:1..1			Y

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
student	have	assigned to		1..1:0..1			Y

Entity Name	class
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Classes for students of grade
Notes	

Number Of Attributes	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Used In Diagrams

Diagram Name
<a href="#">Student Class Enrollment</a>

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	class_id			Y		DOM				
2	class_name					DOM				
3	class_grade					DOM				
4	class_status					DOM				
5	positive_score					DOM				
6	negative_score					DOM				
7	current_score					DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	class_id	Primary Key for the class	
2	class_name	Name of the class	

No	Attribute Name	Description	Notes
3	class_grade	Grade to which the class is associated	
4	class_status	Stores different statuses of a class * ACTIVE *ARCHIVED	
5	positive_score	This stores the positive score of the class	
6	negative_score	Negative score of the class	
7	current_score	Current Score of the class	

Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
teacher	manages	managed by		0..*:1..*			Y
attendance	have	taken for		0..*:1..1			Y
student	enrolls	have		0..*:1..*			Y
skill	consists	belongs to		0..*:1..1			Y

Entity Name	feedback
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Feedback table for entering feedback
Notes	

Number Of Attributes	8
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	feedback_id			Y		DOM				
2	feedback_datetime					DOM				
3	feedback_points					DOM				
4	feedback_notes					DOM				
5	feedback_status					DOM				
6	teacher_id		F	Y		DOM				
7	skill_id		F	Y		DOM				
8	student_id		F	Y		DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	feedback_id	Primary key for the feedback table	
2	feedback_datetime	Date and Time when the feedback is entered	
3	feedback_points	Associated points for the feedback	
4	feedback_notes	Text area for entering detailed feedback	
5	feedback_status	To store the type of feedback. Values Include	



No	Attribute Name	Description	Notes
		* POSITIVE * NEGATIVE	
6	teacher_id	Unique identifier for the teacher	
7	skill_id	Primary key for the skill	
8	student_id	Unique identifier for the student	

Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
teacher	gives	given by		0..*:1..1			Y
skill	have	for a		0..*:1..1			Y
student	have	belongs to		0..*:1..1			Y

Entity Name	mentor
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Admins for the dojo application. Each mentor will manage one or more schools.
Notes	

Number Of Attributes	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	mentor_id			Y		DOM				
2	mentor_first_name					DOM				
3	mentor_last_name					DOM				
4	mentor_username					DOM				
5	mentor_password					DOM				
6	mentor_email					DOM				
7	mentor_mobile					DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	mentor_id	Unique identifier for the mentor	
2	mentor_first_name	First name of the mentor	
3	mentor_last_name	Last Name of the mentor	
4	mentor_username	username of the mentor for logging into the application	
5	mentor_password	Password for logging into the application	

No	Attribute Name	Description	Notes
6	mentor_email	Email Id of the mentor	

Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
story	writes	written by		0..*:0..1			Y
school	creates	created by		0..*:1..1			Y

Entity Name	parent
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Parents of students
Notes	

Number Of Attributes	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	parent_id			Y		DOM				
2	parent_first_name					DOM				
3	parent_last_name					DOM				
4	parent_username					DOM				
5	parent_password					DOM				
6	student_access_code					DOM				
7	parent_email					DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	parent_id	Unique identifier for the parent	
2	parent_first_name	First name of the parent	
3	parent_last_name	Last Name of the parent	
4	parent_username	username of the parent for logging into the application	
5	parent_password	Password for logging into the application	

No	Attribute Name	Description	Notes
6	student_access_code	Access Code for the student to be used by parent to link to the their child	
7	parent_email	Unique email id for communication	

#### Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
unique_parent_email		parent_email	A		

#### Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
viewer	writes comments	comments written by		0..*:0..1			Y
student	gives birth	born to		1..*:1..1			Y

Entity Name	school
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	schools information
Notes	

Number Of Attributes	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Used In Diagrams

Diagram Name
<a href="#">School Directory</a>

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	school_id			Y		DOM				
2	school_name					DOM				
3	school_website					DOM				
4	school_head					DOM				
5	school_phone					DOM				
6	school_email					DOM				
7	mentor_id		F	Y		DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	school_id	Primary Key for the school	
3	school_website	Website link for the school	

No	Attribute Name	Description	Notes
4	school_head	head of the school	
5	school_phone	contact number of the school	
6	school_email	Email address of the school	
7	mentor_id	Unique identifier for the mentor	

#### Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
unique_school_email		school_email	A		

#### Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
student	consists	belongs to		0..*:0..1			Y
teacher	consists	belongs to		1..*:0..1			Y
story	have	belongs to		0..*:0..1			Y
mentor	creates	created by		0..*:1..1			Y

Entity Name	skill
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Stores different skills entered by the teacher
Notes	

Number Of Attributes	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	skill_id			Y		DOM				
2	skill_name					DOM				
3	point_weight					DOM				
4	skill_type					DOM				
5	class_id		F	Y		DOM				
6	avatar_id		F	Y		DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	skill_id	Primary key for the skill	
2	skill_name	Name of the skill	
3	point_weight	weight assigned for the skill	
4	skill_type	Stores the type of the skill. Values include * NEEDS WORK * POSITIVE	
5	class_id	Primary Key for the class	



## Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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## Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
avatar	represents	represented by		0..*:1..1			Y
feedback	have	for a		0..*:1..1			Y
class	consists	belongs to		0..*:1..1			Y

Entity Name	story
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Story table to write stories on a class or student or a school
Notes	

Number Of Attributes	13
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	story_id			Y		DOM				
2	story_text					DOM				
3	story_picture					DOM				
4	story_created_datetime					DOM				
5	story_created_by					DOM				
6	story_publish_datetime					DOM				
7	story_status					DOM				
8	story_approved_by					DOM				
9	story_disable_comments					DOM				
10	mentor_id		F			DOM				
11	student_id		F			DOM				
12	teacher_id		F	Y		DOM				
13	school_id		F			DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	story_id	Primary key for story table	
2	story_text	Text area for writing story	
3	story_picture	Picture associated for the story	
4	story_created_datetime	Date and Time when the story is created.	
5	story_created_by	Who created the story? It stores one of the below * TEACHER ID * MENTOR ID * STUDENT ID	
6	story_publish_datetime	When the story needs to be published	
7	story_status	This saves different values. Stories created by students need approval from teacher to publish  * NOT APPROVED *APPROVED	
8	story_approved_by	If student creates story, it should be approved by student	
9	story_disable_comments	A boolean field specifies if comments are allowed or not.	
10	mentor_id	Unique identifier for the mentor	
11	student_id	Unique identifier for the student	
12	teacher_id	Unique identifier for the teacher	
13	school_id	Primary Key for the school	

#### Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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#### Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
mentor	writes	written by		0..*:0..1			Y
student	writes	written by		0..*:0..1			Y
teacher	writes	written by		0..*:1..1			Y
viewer	viewed by	views		0..*:0..1			Y
school	have	belongs to		0..*:0..1			Y

Entity Name	student
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Students for the application
Notes	

Number Of Attributes	10
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Used In Diagrams

Diagram Name
<a href="#">School Directory</a>
<a href="#">Student Class Enrollment</a>

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	student_id			Y		DOM				
2	student_first_name					DOM				
3	student_last_name					DOM				
4	student_username					DOM				
5	student_password					DOM				
6	student_access_code					DOM				
7	student_account_status					DOM				
8	school_id		F			DOM				
9	student_grade					DOM				
10	avatar_id		F	Y		DOM				

## Attributes Comments

No	Attribute Name	Description	Notes
1	student_id	Unique identifier for the student	
2	student_first_name	First name of the student	
3	student_last_name	Last Name of the student	
4	student_username	username of the student for logging into the application	
5	student_password	Password for logging into the application	
6	student_access_code	Access Code for the student	
7	student_account_status	This saves different statuses of student account. Values include * VERIFIED * INITIALIZED * ACTIVE * INACTIVE * GRADUATED	
8	school_id	Primary Key for the school	
9	student_grade	Grade of the student	

## Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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## Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
school	consists	belongs to		0..*:0..1			Y
attendance	have	belongs to		0..*:1..1			Y
feedback	have	belongs to		0..*:1..1			Y
story	writes	written by		0..*:0..1			Y
parent	gives birth	born to		1..*:1..1			Y
class	enrolls	have		0..*:1..*			Y
avatar	have	assigned to		1..1:0..1			Y

Entity Name	teacher
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	teachers for teaching students
Notes	

Number Of Attributes	10
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	teacher_id			Y		DOM				
2	teacher_title					DOM				
3	teacher_first_name					DOM				
4	teacher_last_name					DOM				
5	teacher_username					DOM				
6	teacher_password					DOM				
7	teacher_email			Y		DOM				
8	teacher_status					DOM				
9	teacher_access_code					DOM				
10	school_id		F			DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	teacher_id	Unique identifier for the teacher	
2	teacher_title	Title for the teacher	

No	Attribute Name	Description	Notes
3	teacher_first_name	First name of the teacher	
4	teacher_last_name	Last Name of the teacher	
5	teacher_username	username of the teacher for logging into the application	
6	teacher_password	Password for logging into the application	
7	teacher_email	Unique email id of the teacher	
8	teacher_status	Status is for storing "VERIFIED"/"NOT VERIFIED" status of the teacher.	
9	teacher_access_code	Access code for teacher	
10	school_id	Primary Key for the school	

#### Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
unique_teacher_email		teacher_email	A		

#### Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
class	manages	managed by		0..*:1..*			Y
school	consists	belongs to		1..*:0..1			Y
feedback	gives	given by		0..*:1..1			Y
story	writes	written by		0..*:1..1			Y

Entity Name	viewer
Preferred Abbreviation	
Classification Type Name	
Object Type Name	
Super Type	
Synonyms	

Description	Story Viewer information
Notes	

Number Of Attributes	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

#### Attributes

No	Attribute Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Preferred Abbreviation	Synonyms
1	viewer_id			Y		DOM				
2	story_liked					DOM				
3	viewer_comments					DOM				
4	viewed_datetime					DOM				
5	story_id		F			DOM				
6	parent_id		F			DOM				

#### Attributes Comments

No	Attribute Name	Description	Notes
1	viewer_id	Primary key for the viewer table	
2	story_liked	A boolean field to track if the parent liked the story	
3	viewer_comments	Text area to store the comments entered by parent	
4	viewed_datetime	Date and time when the story is viewed by the parent.	
5	story_id	Primary key for story table	
6	parent_id	Unique identifier for the parent	

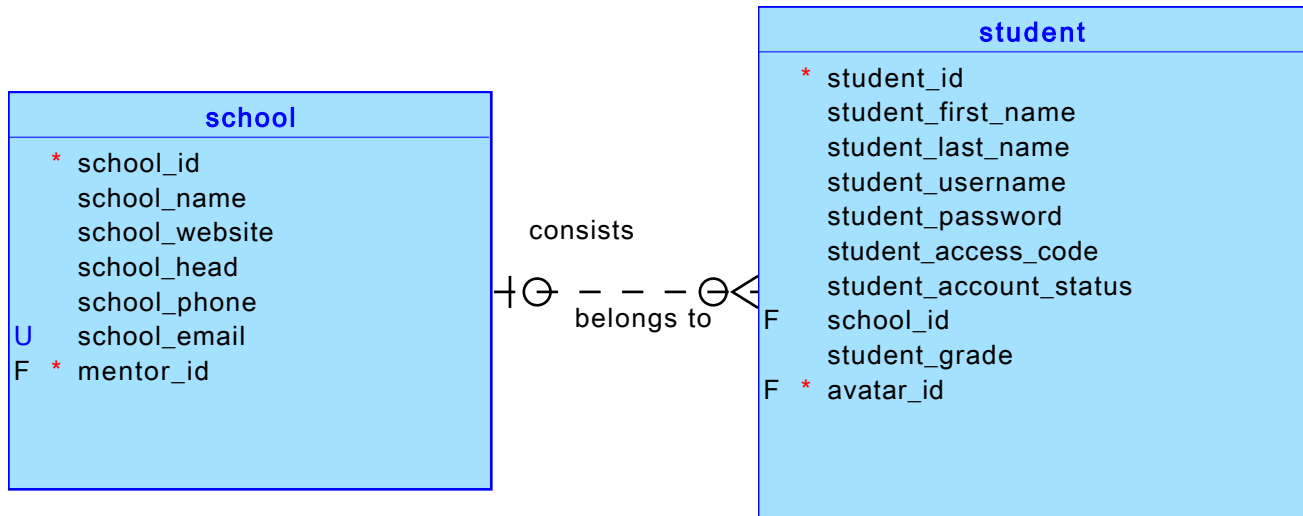


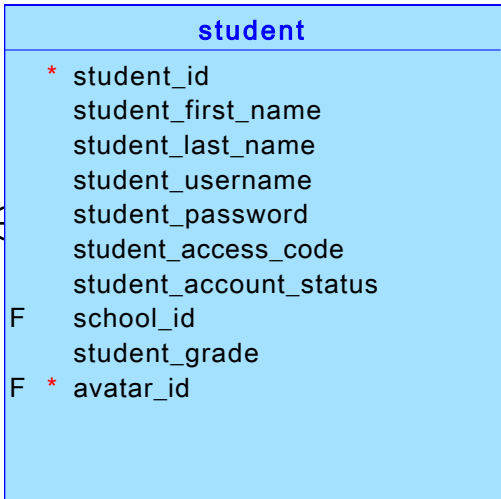
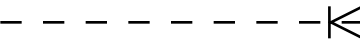
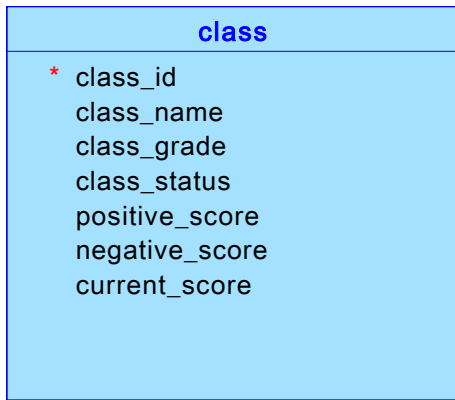
Identifiers

Name	Primary Identifier	Element Name	Element Type	Source Label	Target Label
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Has Relationships With

Entity Name	Role	Other Role	In Arc	Cardinality	Dominant Role	Identifying	Transferable
story	viewed by	views		0..*:0..1			Y
parent	writes comments	comments written by		0..*:0..1			Y





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