

GradingDatamodel

Database model documentation

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1. Model details

Model name:

GradingDatamodel

Version:

2.3

Database engine:

postgresql

Description:

2. Tables

2.1. Table activity

2.1.1. Columns

Column name	Type	Properties	Description
activity_refid	uuid(2147483647)		
teacher_assignment_refid	uuid(2147483647)	null	
staff_personal_refid	uuid(2147483647)	null	
num_questions	int4	null	
max_score	int4	null	
max_time	int4	null	
created_at	timestamp		
updated_at	timestamp		

2.1.2. Indexes

Index name	Columns	Description
activity_staff_refid_idx	activity_refid (ASC), staff_personal_refid (ASC)	

2.2. Table activity_item_score

2.2.1. Columns

Column name	Type	Properties	Description
refid	bigserial		
activity_refid	uuid(2147483647)		
item_reference	varchar(42)		
score_reference	varchar(42)		
max_score	int4	null	
weight	int4	null	
created_at	timestamp		
updated_at	timestamp		

2.3. Table item

2.3.1. Columns

Column name	Type	Properties	Description
item_reference	varchar(42)		
organisation_id	int4	null	
item_pool_id	varchar(60)	null	
type	varchar(36)	null	
created_at	timestamp		
updated_at	timestamp		

2.4. Table question

2.4.1. Columns

Column name	Type	Properties	Description
question_reference	varchar(42)		
item_reference	varchar(42)		
rubric_reference	varchar(42)	null	
question_type	varchar(20)	null	
created_at	timestamp		
updated_at	timestamp		

2.5. Table score

2.5.1. Columns

Column name	Type	Properties	Description
score_reference	varchar(42)		
item_reference	varchar(42)		
question_reference	varchar(42)		
automarkable	bool	null	
correct_response	varchar(40)	null	
created_at	timestamp		
updated_at	timestamp		

title	varchar(128)	null	
description	text	null	

2.6. Table student_item

2.6.1. Columns

Column name	Type	Properties	Description
refid	bigserial		
session_refid	uuid(2147483647)		
item_reference	varchar(42)		
time	int4	null	
max_score	int4	null	
user_flagged	bool	null	
created_at	timestamp		
updated_at	timestamp		

2.7. Table student_question

2.7.1. Columns

Column name	Type	Properties	Description
refid	bigserial		
student_item_refid	int8		
question_reference	varchar(42)		
actual_response	text	null	
created_at	timestamp		
updated_at	timestamp		

2.8. Table student_score

2.8.1. Columns

Column name	Type	Properties	Description
response_id	varchar(80)		
session_refid	uuid(2147483647)		
student_item_refid	int8		

student_question_refid	int8		
score_reference	varchar(42)	null	
staff_personal_refid	uuid(2147483647)	null	
attempted	bool	null	
value	text	null	
weight	int4	null	
max_score	int4	null	
score	int4	null	
created_at	timestamp		
updated_at	timestamp		

2.9. Table student_session

2.9.1. Columns

Column name	Type	Properties	Description
session_refid	uuid(2147483647)		
activity_refid	uuid(2147483647)		
student_personal_refid	uuid(2147483647)		
num_attempted	int4		
score	int4		
session_duration	int4	null	
status	varchar(8)	null	
dt_started	timestamp	null	
dt_completed	timestamp	null	
user_agent	varchar(250)	null	
created_at	timestamp		
updated_at	timestamp		

3. References

3.1. Reference activity_item_score_activity_refid_fkey

activity	0..*	activity_item_score
activity_refid	<->	activity_refid

3.2. Reference student_session_activity_refid_fkey

activity	0..*	student_session
activity_refid	<->	activity_refid

3.3. Reference activity_item_score_item_reference_fkey

item	0..*	activity_item_score
item_reference	<->	item_reference

3.4. Reference question_item_reference_fkey

item	0..*	question
item_reference	<->	item_reference

3.5. Reference score_item_reference_fkey

item	0..*	score
item_reference	<->	item_reference

3.6. Reference student_item_item_reference_fkey

item	0..*	student_item
item_reference	<->	item_reference

3.7. Reference score_question_reference_fkey

question	0..*	score
question_reference	<->	question_reference

3.8. Reference student_question_question_reference_fkey

question	0..*	student_question
question_reference	<->	question_reference

3.9. Reference activity_item_score_score_reference_fkey

score	0..*	activity_item_score
score_reference	<->	score_reference

3.10. Reference student_score_score_reference_fkey

score	0..*	student_score
score_reference	<->	score_reference

3.11. Reference student_question_student_item_refid_fkey

student_item	0..*	student_question
refid	<->	student_item_refid

3.12. Reference student_score_student_item_refid_fkey

student_item	0..*	student_score
refid	<->	student_item_refid

3.13. Reference student_score_student_question_refid_fkey

student_question	0..*	student_score
refid	<->	student_question_refid

3.14. Reference student_item_session_refid_fkey

student_session	0..*	student_item
session_refid	<->	session_refid

3.15. Reference student_score_session_refid_fkey

student_session	0..*	student_score
session_refid	<->	session_refid

4. Sequences

Sequence name	Starts with	Description
activity_item_score_refid_seq	1	
student_item_refid_seq	1	
student_question_refid_seq	1	