

World of Warclass ERD

1 . Tabela

1 . 1 Tabela characters

1 . 1 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(2 0)		
experience	INT		
gold	INT		
energy	INT		
group_id	INT	FK, NULL	
class_id	INT	FK	
inscription_id	INT	FK	
appearance	JSON		

1 . 2 Tabela characters_events

1 . 2 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
event_id	INT	FK	
character_id	INT	FK	

REFERENCES	char	NULL	
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1 . 3 Tabela characters_quests

1 . 3 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
quest_id	INT	FK	
character_id	INT	FK	
REFERENCES	char	NULL	

1 . 4 Tabela characters_quizzes

1 . 4 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
character_id	INT	FK	
quiz_id	INT	FK	
REFERENCES	char	NULL	

1 . 5 Tabela classes

1 . 5 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(2 0)		

health	INT		
energy	INT		

1 . 6 Tabela courses

1 . 6 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(6 0)		
description	TEXT		
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1 . 7 Tabela events

1 . 7 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(3 0)		
description	TEXT		
experience	INT	NULL	
gold	INT	NULL	
health	INT	NULL	
energy	INT	NULL	
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1 . 8 Tabela groups

1 . 8 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(5 0)		
course_id	INT	FK	

1 . 9 Tabela inscriptions

1 . 9 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
user_id	INT	FK	
course_id	INT	FK	
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1 . 1 0 Tabela institutions

1 . 1 0 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(6 0)		
email	VARCHAR(3 2 0)	AK	

phone_number	INT		
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1 . 1 1 Tabela quests

1 . 1 1 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(5 0)		
description	TEXT		
experience_reward	INT	NULL	
gold_reward	INT	NULL	
course_id	INT	FK	
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1 . 1 2 Tabela quests_history

1 . 1 2 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
course_id	INT	FK	
character_quest_id	INT	FK	
sum_experience	INT	NULL	
sum_gold	INT	NULL	

REFERENCES	char	NULL	
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1 . 1 3 Tabela quizzes

1 . 1 3 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
question	TEXT		
answers	TEXT		

1 . 1 4 Tabela skills

1 . 1 4 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(3 0)		
description	TEXT		
energy_cost	INT		
required_level	INT		
class_id	INT	FK	

1 . 1 5 Tabela teachers

1 . 1 5 . 1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	

user_id	INT	FK	
institution_id	INT	FK	
created_at	TIMESTAMP		
updated_at	TIMESTAMP		

1.1.6 Tabela teachers_courses

1.1.6.1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
teacher_id	INT	FK	
course_id	INT	FK	

1.1.7 Tabela teachers_courses_events

1.1.7.1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
teacher_course_id	INT	FK	
event_id	INT	FK	

1.1.8 Tabela teachers_courses_quests

1.1.8.1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	

teacher_course_id	INT	FK	
quest_id	INT	FK	

1.1.9 Tabela teachers_courses_quizzes

1.1.9.1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
teacher_course_id	INT	FK	
quiz_id	INT	FK	

1.2.0 Tabela users

1.2.0.1 Columns

Column name	Type	Properties	Description
id	SERIAL	PK	
name	VARCHAR(5 0)		
paternal_surname	VARCHAR(5 0)		
maternal_surname	VARCHAR(5 0)		
email	VARCHAR(3 2 0)	AK	
username	VARCHAR(3 0)	AK	
created_at	TIMESTAMP		
updated_at	TIMESTAMP		


2 . Views

3 . References


3 . 1 Reference fk_characters_class_id

classes		characters
id		class_id


3 . 2 Reference fk_characters_events_character_id

characters		characters_events
id		character_id

3 . 3 Reference fk_characters_events_event_id

events		characters_events
id		event_id


3 . 4 Reference fk_characters_group_id

groups		characters
id		group_id


3 . 5 Reference fk_characters_inscription_id

inscriptions		characters
id		inscription_id


3 . 6 Reference fk_characters_requests_character_id

characters		characters_requests
id		character_id


3 . 7 Reference fk_characters_requests_quest_id

requests		characters_requests
id		quest_id

3 . 8 Reference fk_characters_quizzes_character_id

characters		characters_quizzes
id		character_id


3 . 9 Reference fk_characters_quizzes_quiz_id

quizzes		characters_quizzes
id		quiz_id

3 . 1 0 Reference fk_groups_course_id

courses		groups
id		course_id

3 . 1 1 Reference fk_inscriptions_course_id

courses		inscriptions
id		course_id

3 . 1 2 Reference fk_inscriptions_user_id

users		inscriptions
id•	user_id

3 . 1 3 Reference fk_quests_course_id

courses		quests
id•	course_id

3 . 1 4 Reference fk_quests_history_character_quest_id

characters_quests		quests_history
id•	character_quest_id


3 . 1 5 Reference fk_quests_history_course_id

courses		quests_history
id•	course_id


3 . 1 6 Reference fk_skills_class_id

classes		skills
id•	class_id


3 . 1 7 Reference fk_teachers_courses_course_id

courses		teachers_courses
id		course_id


3 . 1 8 Reference fk_teachers_courses_events_event_id

events		teachers_courses_events
id		event_id


3 . 1 9 Reference fk_teachers_courses_events_teacher_course_id

teachers_courses		teachers_courses_events
id		teacher_course_id


3 . 2 0 Reference fk_teachers_courses_quests_quest_id

quests		teachers_courses_quests
id		quest_id

3 . 2 1 Reference fk_teachers_courses_quests_teacher_course_id

teachers_courses		teachers_courses_quests
id		teacher_course_id

3 . 2 2 Reference fk_teachers_courses_quizzes_quiz_id

quizzes		teachers_courses_quizzes
id		quiz_id

3 . 2 3 Reference


fk_teachers_courses_quizzes_teacher_course_id

teachers_courses		teachers_courses_quizzes
id		teacher_course_id

3 . 2 4 Reference fk_teachers_courses_teacher_id

teachers		teachers_courses
id		teacher_id

3 . 2 5 Reference fk_teachers_institution_id

institutions		teachers
id		institution_id

3 . 2 6 Reference fk_teachers_user_id

users		teachers
id		user_id