Legend:
- attributes (yellow)
- entities (teal)
- total participation (thick line)
- primary key (red)
- relationships (purple)

Entities and attributes:

User Unavailability
- u_month
- u_day
- u_year
- u_end_time
- u_start_time
- user_unavail_id (primary key)

Room Unavailability
- r_day
- r_year
- r_month
- r_start_time
- r_end_time
- r_unavail_id (primary key)

Building
- building_id (primary key)
- building_name
- building_abbreviation
- total_rooms

User
- user_id (primary key)
- first_name
- last_name
- authorization_level
- user_email
- user_password

Room
- room_id (primary key)
- user_capacity
- authorization_level

Schedule
- schedule_id (primary key)
- invited_users
- s_start_time
- s_end_time
- month
- day
- year

Relationships:
- is user available (User 1 — N User Unavailability)
- is room available (Room Unavailability N — 1 ...)
- has room (Building 1 — N Room)
- schedules (User 1 — N Schedule)
- booked room (Schedule N — 1 Room)

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user unavailability

user_unavail_id	int
user_id	int
user_time	time
user_date	date

user

user_id	int
user_name	varchar
authorization_level	int
user_email	varchar
user_password	varchar

room unavailability

room_unavail_id	int
room_id	int
room_unavail_date	date
room_start_time	time
room_end_time	time

schedule

sched_id	int
invited_users	varchar
sched_start_time	time
sched_end_time	time
sched_date	date
user_id	int
room_id	int

room

room_id	int
user_capacity	int
authorization_level	int
building_id	int

building

building_id	int
building_abbreviation	varchar
building_name	varchar
total_rooms	int

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