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

Entities and attributes:

Building — building_id, building_name, building_abbreviation, total_rooms

Room Unavailability — r_unavail_id, r_month, r_day, r_year, r_start_time, r_end_time

User Unavailability — user_unavail_id, u_month, u_day, u_year, u_start_time, u_end_time

User — user_id, first_name, last_name, authorization_level, user_email, user_password

Room — room_id, user_capacity, authorization_level

Schedule — schedule_id, 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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