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Campus Insider

Data Dictionary

E: Logged_in_user

       A: UID (primary key, int, not null) (the user id)

       A: Username (varchar(20), not null) (the user's username)

       A: Password (varchar(20), not null) (the users password)

       R: gives ← Rating (one to many) (the relation to give a rating)

E: Rating

       A: RID (primary key, unique, not null) (the rating id)

       A: Score (int, not null) (the score (1-10) of the rating)

       A: Date (date) (the date of the rating)

       A: UID (foreign key to Logged_in_user, int, not null, unique) (the user id)

       A: LID (foreign key to Campus Locations, int, not null, unique) (the location id)

       A: Noise (int) (the noise level)

       A: Cleanliness (int) (the cleanliness level)

       A: Equipment (table) (the available equipment)

       A: Accessibility (int) (the accessibility of the location)

       A: Equipment_quality (int) (the quality of the equipment)

       A: wifi_strength (int) (the strength of the wifi)

       A: extra_comments (clob) (extra description for the user)

R: gives →Logged_in_user (one to many) (relation to link the user and the rating)

R: describes → Campus Locations (one to many) (relation to link the review and the location)

E: Campus Locations

LID (primary key, int, not null) (location id)

Name (varchar(20)) (the name of the location)

A: Avg_score (float) (the average of all the scores of the ratings)

A: image (blob) (an image to accompany the review)

R: descries ←Rating (one to many) (relation to link the rating and the location)

E: Non-Building (derived entity)

A: Description (clob, not null) (description of the location(default))

E: Building (derived entity)

E: Room (derived entity)

A: room num (int) (the room number)

A: Building_name (varchar(20), not null) (the name of the building)

A: Room_Size (int) (the size of the room)

A: type (varchar(20)) (the type of room)