

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 \leftarrow 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_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 \rightarrow Logged_in_user (one to many) (relation to link the user and the rating)

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

E: Campus Locations

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

A: 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: Describes ← Rating (one to many) (relation to link the rating and the location)

E: Non-Building (dependent derived entity)

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

E: Building (dependent derived entity)

E: Room (dependent derived entity)

A: room_num (int) (the room number)

A: Building_name (varchar(30), not null) (the name of the building)

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

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

E: Equipment_tag (table for list of equipment)

A: equipment_type (varchar(30))

A: RID (int)

E: Accessibility_tag (table for list of equipment)

A: accessibility_type (varchar(30))

A: RID (int)

Logged_in_user	Rating	Accessibility_tag	Equipment_tag	Non_Building	Building	Room
UID	RID	accessibility_type	equipment_type	LID	LID	LID
Username	Score	RID	RID	Name	Name	Name
Password	Date			Avg_score	Avg_score	Avg_score
	UID			image	image	image
	LID			Description		type
	Noise					room_num
	Cleanliness					Building_name
	Equipment_quality					Room_Size
	wifi_strength					
	extra_comments					