

User

Column	Type	Comments
id	INT(30)	PK: auto increment id generated automatically.
email	varchar(200)	
password	varchar(255)	Hash DES of the password to compare
name	varchar(200)	
lastname	varchar(200)	

Student

Column	Type	Comments
id	INT(30)	PK: Foreign key from User id
teacher_id	varchar(200)	Foreign key from Teacher_ID
school	varchar(255)	

Teacher

Column	Type	Comments
id	INT(30)	PK: Foreign key from User id
school	varchar(255)	

Admin

Column	Type	Comments
id	INT(30)	PK: Foreign key from User id

Transect

Column	Type	Comments
id	INT(30)	PK: auto increment id generated automatically.
start_point	POINT	GPS Coordinates of the starting place
end_point	POINT	GPS Coordinates of the ending place

transect_path_id	INT(30)	Foreign key from transect_path
end_transect_img	VARCHAR(255)	Image of the environment at the end of the transect

Transect_Path

Column	Type	Comments
id	INT(30)	PK: auto increment id generated automatically
forest_id		
user_id		

Forest

Column	Type	Comments
id	INT(30)	PK: auto increment id generated automatically
location_id		
forest_type		
forest_tree1		
forest_tree2		

forest_tree3		
forest_tree4		

Location (may be unnecessary)

Column	Type	Comments
Info (from API) (GPS LocationData)	?	PK: Foreign key from User id

Mound

Column	Type	Comments
id	INT(30)	PK: auto increment id generated automatically.
height	INT(30)	nearest centimeter
length	INT(30)	nearest centimeter
width	INT(30)	nearest centimeter
transect_id	INT(30)	Foreign key from Transect
surrounding_img_url	varchar(255)	Picture of the surrounding area of the mound
mound_img_url	varchar(255)	Picture of the Mound itself

disturbed_img_url	varchar(255)	Picture of the Mound after it has been disturbed
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