users

user_id 🔑		int
username	varchar(50)	NN
email	varchar(100)	NN
password_hash	varchar(255)	NN
full_name	varchar(100)	
created_at	timestamp	

crops

crop_id 🔑		int
crop_name	varchar(50)	NN
crop_label	int	NN
scientific_name	varchar(100)	
description		text
created_at		timestamp

user_climate_data

data_id 🔑		int
user_id	int	NN
nitrogen	decimal(8,2)	NN
phosphorus	decimal(8,2)	NN
potassium	decimal(8,2)	NN
temperature	decimal(5,2)	NN
humidity	decimal(5,2)	NN
ph_level	decimal(4,2)	NN
rainfall	decimal(8,2)	NN
created_at		timestamp

crop_predictions

prediction_id 🔑		int
data_id	int	NN
user_id	int	NN
predicted_crop_id	int	NN
confidence_score	decimal(5,4)	NN
model_architecture	varchar(20)	
created_at		timestamp

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users

user_id 🔑	int	1
username	varchar(50)	NN
email	varchar(100)	NN
password_hash	varchar(255)	NN
full_name	varchar(100)	
created_at	timestamp	

crops

crop_id 🔑	int	1
crop_name	varchar(50)	NN
crop_label	int	NN
scientific_name	varchar(100)	
description	text	
created_at	timestamp	

user_climate_data

data_id 🔑	int	1
user_id	int	NN
nitrogen	decimal(8,2)	NN
phosphorus	decimal(8,2)	NN
potassium	decimal(8,2)	NN
temperature	decimal(5,2)	NN
humidity	decimal(5,2)	NN
ph_level	decimal(4,2)	NN
rainfall	decimal(8,2)	NN
created_at	timestamp	

crop_predictions

prediction_id 🔑	int	
data_id	int	NN
user_id	int	NN
predicted_crop_id	int	NN
confidence_score	decimal(5,4)	NN
model_architecture	varchar(20)	
created_at	timestamp	

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