

TABLES

Usertable Model:

Field Name	Data Type	Description
username	CharField	Optional username for the user model
role	CharField	Role of the user (default: "normal_user")
<u>email (PK)</u>	EmailField	Primary key and unique identifier for the user
dob	DateField	Date of birth for the user (default: '2000-01-01')
phone_number	CharField	User's phone number (optional)

TurfProvider Model:

Field Name	Data Type	Description
venue_name	CharField	Name of the venue provided by TurfProvider
<u>email (PK)</u>	EmailField	Primary key and unique identifier for TurfProvider
contact_number	CharField	Contact number for the TurfProvider
document	FileField	Uploaded document related to the TurfProvider
sports_type	CharField (choices)	Type of sports provided by the venue (choices: 'football', 'cricket')
address	TextField	Address of the TurfProvider
location	CharField	Location of the TurfProvider

Field Name	Data Type	Description
is_active	BooleanField	Indicates if the TurfProvider is active or not (default: False)
random_password	CharField	Randomly generated password for TurfProvider (optional)
password_updated	BooleanField	Indicates if the password for TurfProvider has been updated (default: False)

TurfListing Model:

Field Name	Data Type	Description
<u>id</u>	PK	Primary id of each turf
<u>turf_provider</u>	ForeignKey (TurfProvider)	Relationship field linking TurfListing to TurfProvider
turf_name	CharField	Name of the turf provided
sports_type	CharField (choices)	Type of sports available on the turf (choices: 'football', 'cricket')
description	TextField	Description about the TurfListing
price_per_hour	DecimalField	Price per hour for using the turf
location	CharField	Location of the turf
is_available	BooleanField	Indicates if the turf is available for booking (default: True)
available_from	TimeField	Starting time for the availability of the turf
available_to	TimeField	Ending time for the availability of the turf
created_at	DateTimeField	Timestamp for when the TurfListing was created (auto-generated)
updated_at	DateTimeField	Timestamp for when the TurfListing was last updated (auto-generated)

TurfImage Model:

Field Name	Data Type	Description
<u>id</u>	PK	Unique id for each turf image
<u>turf_listing</u>	ForeignKey (TurfListing)	Relationship field linking TurfImage to TurfListing
image	ImageField	Uploaded image related to the TurfListing

Booking Model:

Field Name	Data Type	Description
<u>id</u>	PK	Booking id
<u>user</u>	ForeignKey (Usertable)	Relationship field linking Booking to Usertable
<u>turf_listing</u>	ForeignKey (TurfListing)	Relationship field linking Booking to TurfListing
<u>turf_provider</u>	ForeignKey (TurfProvider)	Relationship field linking Booking to TurfProvider
booking_date	DateField	Date of the booking
start_time	TimeField	Start time of the booking
end_time	TimeField	End time of the booking
total_cost	DecimalField	Total cost of the booking
created_at	DateTimeField	Timestamp for when the booking was created (auto-generated)

