Models:

Casino

Name	Type	Size	Constraints	Description	Example
Name	CharField	30	Not Null	Name of casino	Skycity
Phone number	CharField	30	Not Null	Phone number of casino	0420550124
Address	CharField	100	Not Null	Address of casino	6 Gilruth Ave.
City	CharField	60	Not Null	City of casino	Darwin
State_province	CharField	30	Not Null	State or province	Northern Territory
Country	CharField	50	Not Null	Country of casino	Australia
website	URLField	No max	Not Null, validated	Website of casino	www.skycity.com

Table Game

Name	Type	Size	Constraints	Description	Example
Name	CharField	30	Not Null	Name of table game	Black Jack
Type	CharField	50	Not Null	Type of game	Card
Min_bet	IntegerField	No max	Not Null	Minimum bet allowed on table (Dollars)	10
Max_bet	IntegerField	No max	Not Null	Maximum bet allowed on table(Dollars)	1000
Floor	CharField	50	Not Null	The floor the table is located on in the casino	2
casino	ManyToMany	1	Not Null	The name of casino this table game belongs to	Skycity

Restaurant

Name	Type	Size	Constraints	Description	Example
Name	CharField	30	Not Null	Name of restaurant	Dragon Court
Theme	CharField	50	Not Null	Theme of food served	Chinese
Opening_time	IntegerField	No max	Not Null	Opening time of restaurant	1400
Closing_time	IntegerField	No max	Not Null	Closing time of restaurant	2200
Casino	ManytoMany	1	Not Null	The name of Casino the restaurant belongs to.	Skycity

Primary Keys are automatically generated by Django if not specified and are given to each model, which has been done in this case.

Guide (Create, Read, Update, Delete)

Home page must be: http://localhost:8000/home

Create:

1. Click on the model you would like to create.
2. Click on Add "Model name" (E.g Add Casino)
3. Fill out form and click add "Model name" (E.g. Add casino)
4. If there are any validation errors, a message will display errors. click on back within the browser and fix the errors and click add.
5. A success message should display with the data you have entered.

A table game and restaurant must have a casino; therefore, a casino must first exist before creating a table game or restaurant.

Read:

Click on the model you would to display all the records of from top navigation. This will display all current records of the specific model.
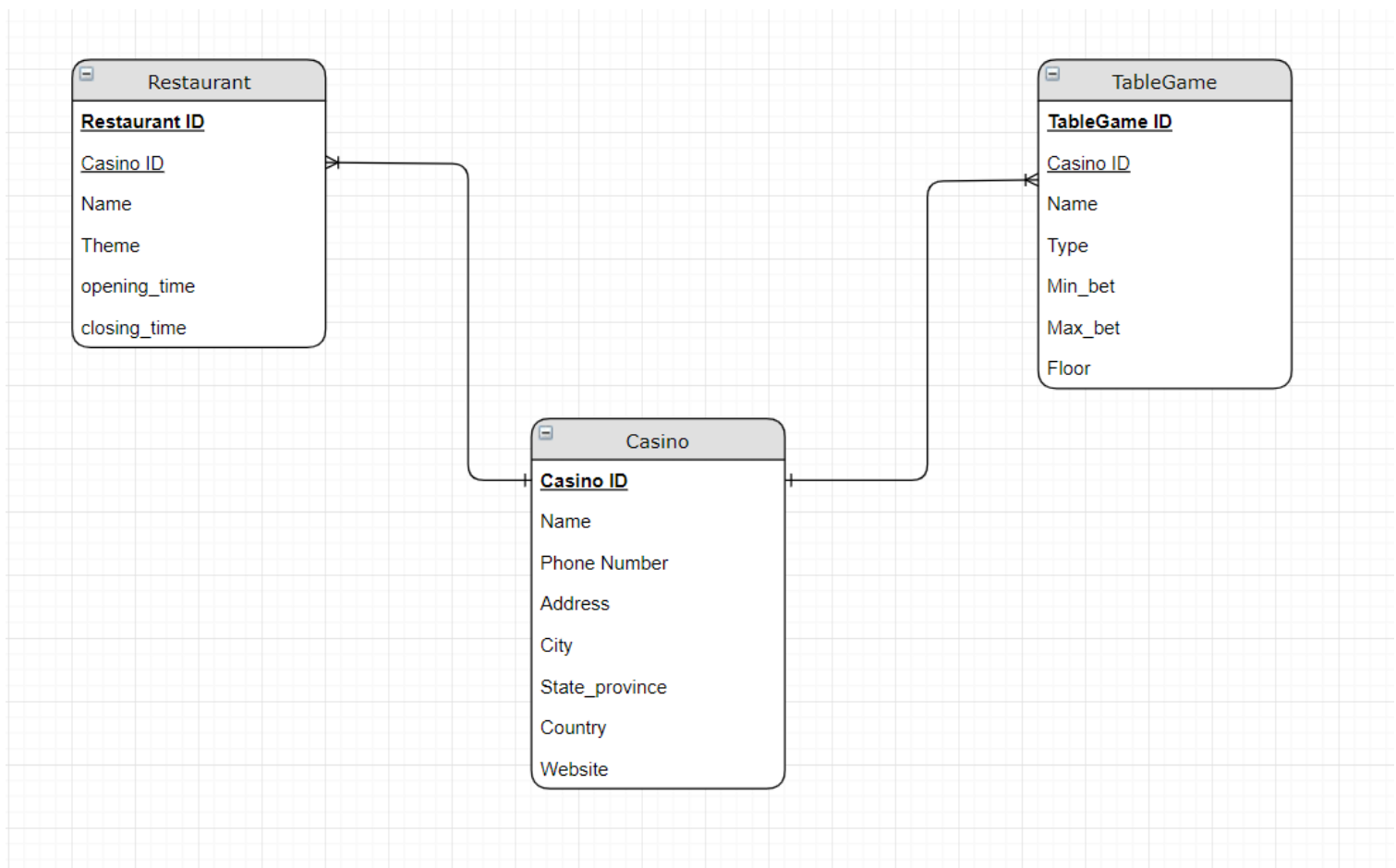
Update:

1. Click on the model of the object you would like to update. (E.g. I want to update Skycity, so I Click on Casinos).
2. Find the object you would like to update.
3. Click on the "edit" hyperlink associated with your objects row.
4. Apply updates on the edit form and click confirm edit.
5. A success message should display.

Delete:

1. Click on the model of the object you would like to delete. (E.g. I want to delete Skycity, so I Click on Casinos).
2. Find the object you would like to delete.
3. Click on the "delete" hyperlink associated with your objects row.
4. A success message should display with the data you just deleted.

Entity Relationship Diagram

Every entity has a Primary key which is in **bold and underlined.** The casino ID is a foreign key in the Table Game entity and Restaurant entity.