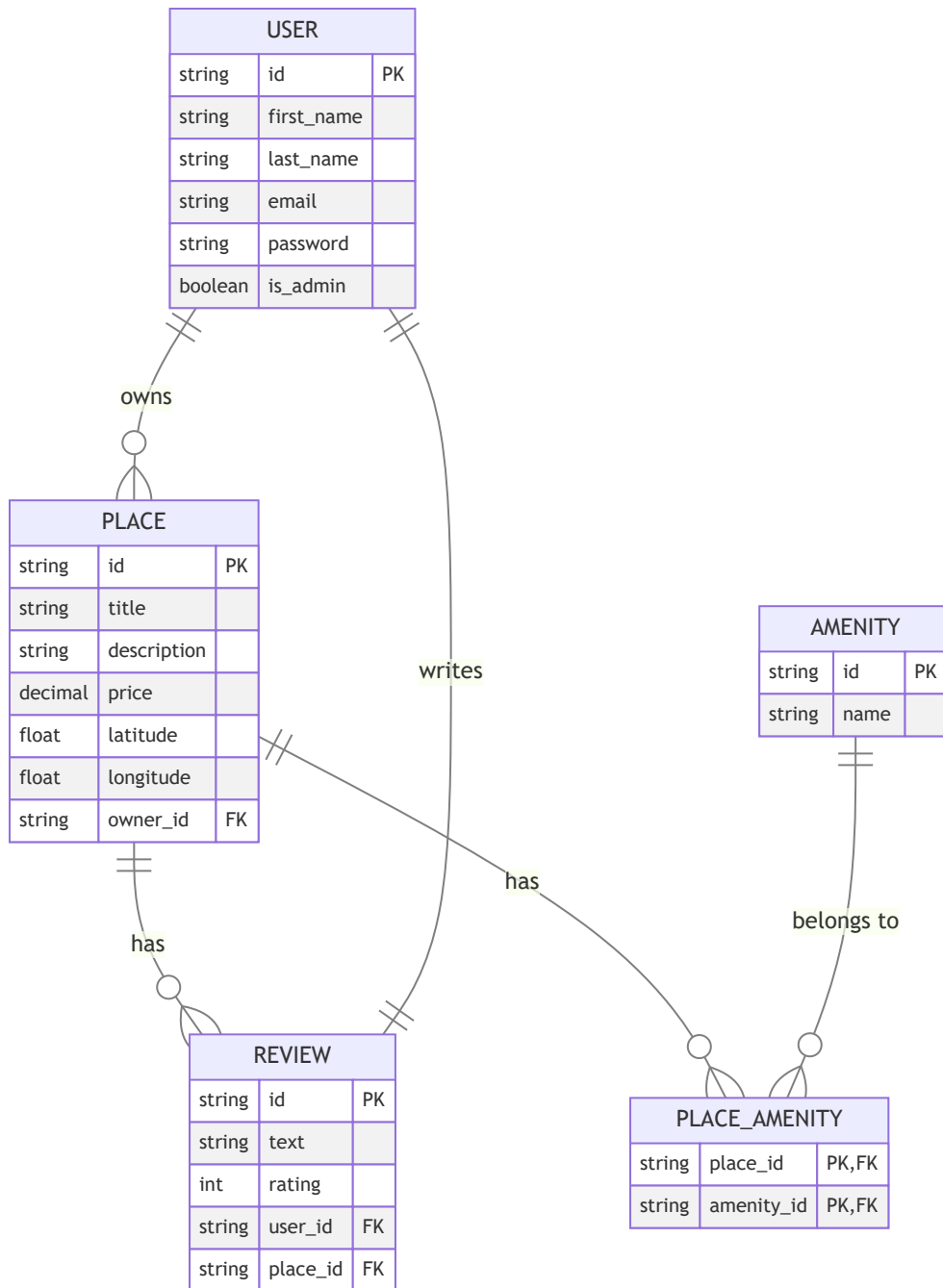


# Task 10. Generate Database Diagrams

## Entity-Relationship Diagram for HBnB



<https://mermaid.live/edit/erDiagram>

erDiagram

USER {

string id PK  
string first\_name  
string last\_name  
string email  
string password  
boolean is\_admin

}

PLACE {

string id PK  
string title  
string description  
decimal price  
float latitude  
float longitude  
string owner\_id FK

}

REVIEW {

string id PK  
string text  
int rating  
string user\_id FK  
string place\_id FK

}

AMENITY {

string id PK  
string name

}

PLACE\_AMENITY {

string place\_id PK, FK  
string amenity\_id PK, FK

}

%% Relationships

USER ||--o{ PLACE : "owns"

PLACE ||--o{ REVIEW : "has"

%% USER ||--o{ REVIEW : "writes"

USER ||--|| REVIEW : "writes"

PLACE ||--o{ PLACE\_AMENITY : "has"

AMENITY ||--o{ PLACE\_AMENITY : "belongs to"

...