

Software Engineering Project - Beer Game

Team 29

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1 ER Diagram

The figure 1 represents the underlying database for the beer game. This is in line the UML and class diagram provided by the documentation also uploaded on the github page.

In this ER diagram the player entity stores the role they player plays along with the backorder and inventory. The relations in between the entities acts as an join operation this stores the ID from each entity.

Realizing that the demand must be stored in a different entity hence the erDiagram changed hence the sql is changed too.

2 Frontend Development

We are using Django framework for this section of the Software project Development. Django is a python framwork that is used to create a interactive web service

To install the Django framework you need to use pip3 install functional to download python programs. Run command

```
pip3 install Django
```

Now to start or create a project using Django, type in the command :

```
/django-admin startproject SE
```

If the above command doesn't you may have to provide the exact path to django-admin. To find the where the file is use

```
find / -name django-admin
```

on the terminal.

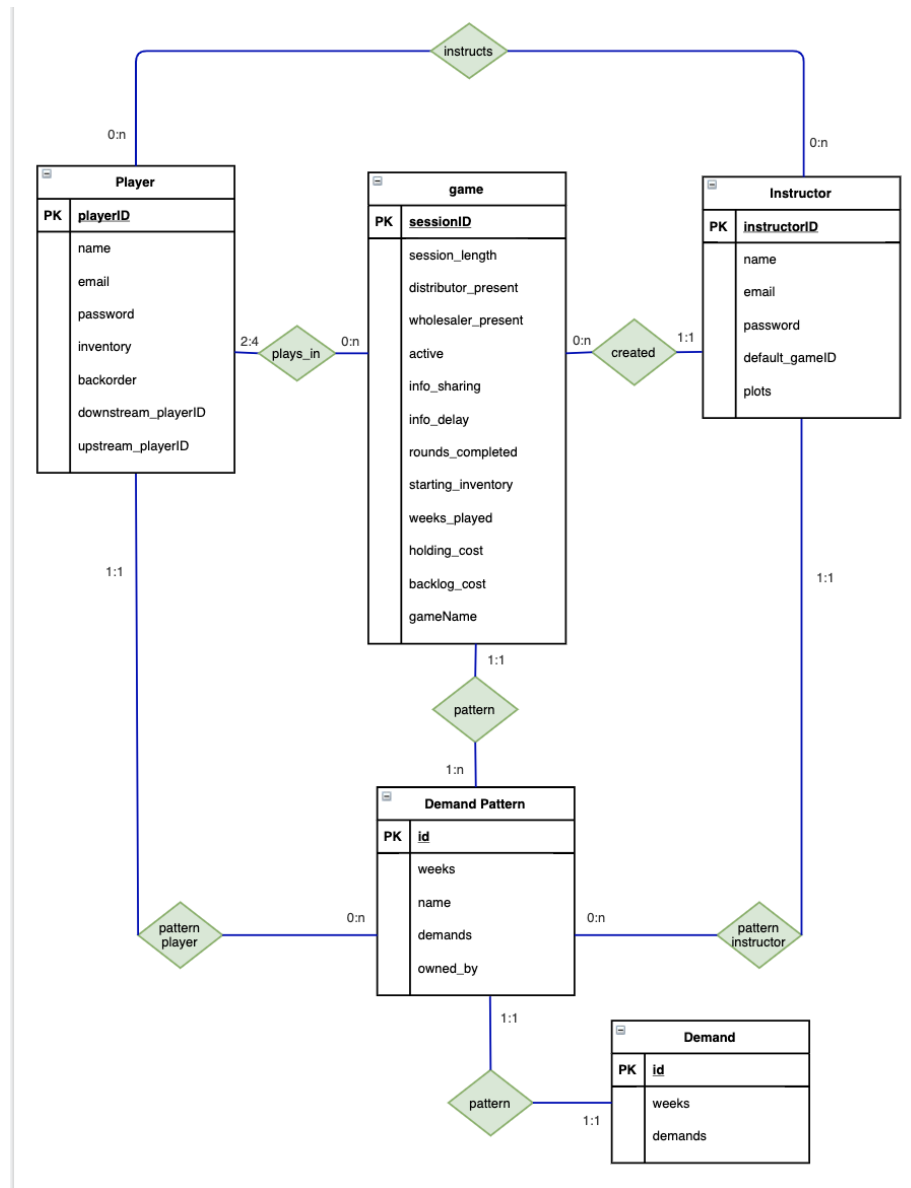


Figure 1: ER Diagram