Developer diary:

18.06.2025:

* Starting to split it into enitities.
* Newly learned self join
* Get into crows notation

26.06.2025:

Using jakarta.validation-api, contributes the interfaces, with the Hibernate implementation , Hibernate- validator fully programmed annotations. Since this is a bean validation I made a DTO Object Login Request, which I use to run the validation on. Jakarta Expression Language depndency is needed for dynamic String interpolation and without it, it didn’t work in my programm.

xx.xx.2025:

Discovered that if you use static methods of a class. Then you can use it through the whole application like a Java Bean in the Spring Context.

05.07.2025:

Discovered extra line of defense with a private constructor in a utility class to prevent instantion.

Still need the Throw for clarity, but it is not strictly needed.

private SceneManager() {  
 throw new UnsupportedOperationException(" This is meant as a utility class only.");  
}