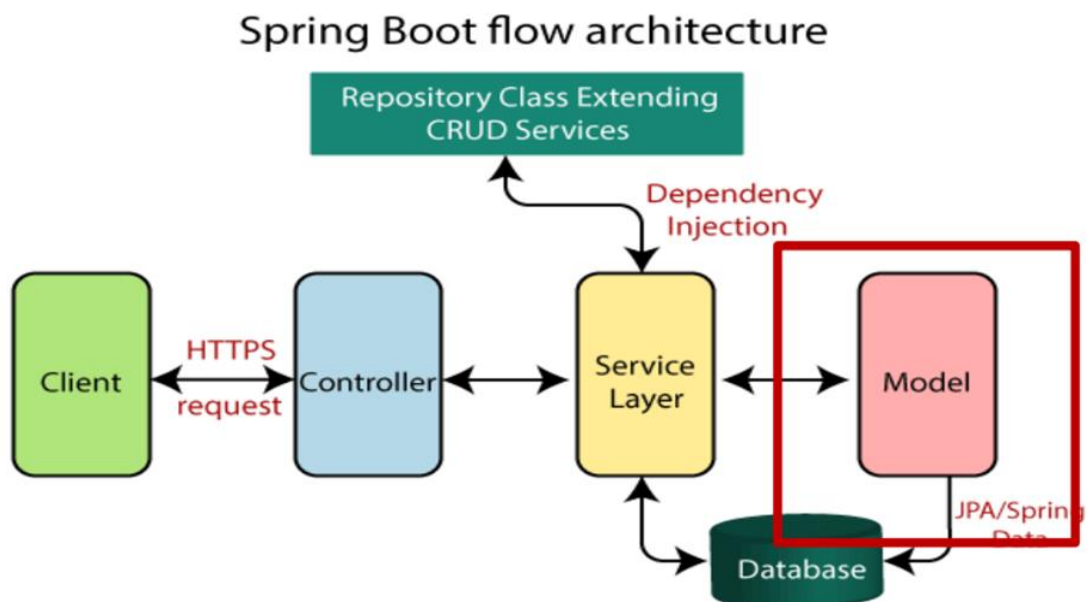


TP2 :

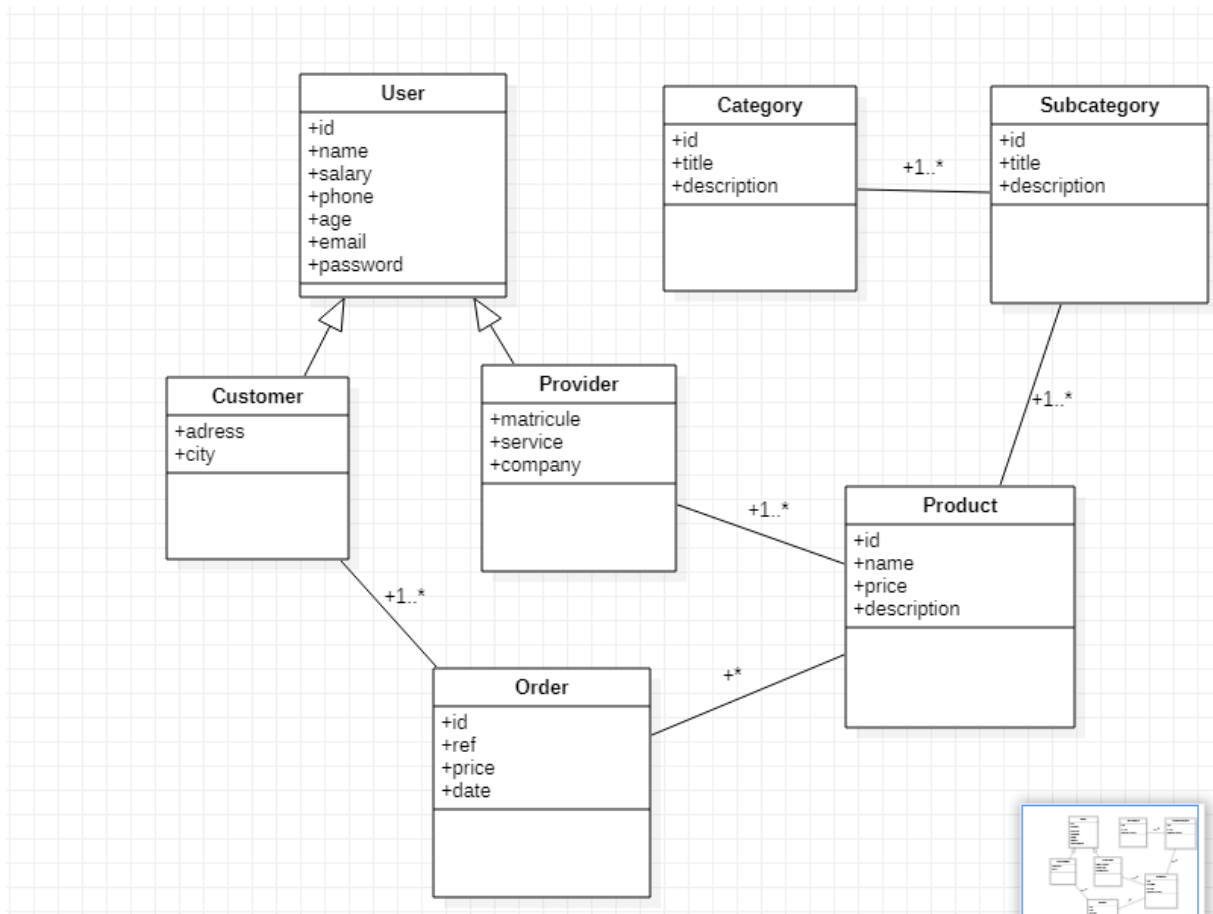
Les couches Modèle, Persistance et Service d'une application Web MVC CRUD

Partie2 :



Objectifs :

1. Gérer les associations entre les tables.
2. Création des interfaces de repository.
3. Création de la couche Service.



1) Implémenter les associations entre les classes.

Exemple : la relation entre Category et Subcategory

```

@Entity
public class Category {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long id;
    no usages
    private String titre;
    no usages
    private String description;
    no usages
    @OneToMany(mappedBy = "category", cascade = CascadeType.REMOVE)
    private List<Subcategory> subcategories;
}

```

```

1 usage
@Entity
public class Subcategory {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long id;
    no usages
    private String titre;
    no usages
    private String description;
    no usages
    @ManyToOne
    @JoinColumn(name = "id_category")
    private Category category;
}

```

2) Implémenter les interfaces Repositories

Exemple : repositories category

```

1 package com.example.projetttest.repository;
2
3 import com.example.projetttest.models.Category;
4 import org.springframework.data.jpa.repository.JpaRepository;
5 import org.springframework.stereotype.Repository;
6
7 import java.util.List;
8
9 no usages
10 @Repository
11 public interface CategoryRepository extends JpaRepository<Category, Long> {
12
13 no usages
14 List<Category> findByTitre(String titre);
15 no usages
16 List<Category> findCategoryByDescriptionAndTitre(String description, String titre);
17
18 }
19
20

```