Slot depends on --> Turf
Turf : Slot = 1:M

Postman

Creating New Slot

POST request

```json
1  {
2      "name": "Morning",
3      "startTime": "10:00",
4      "endTime": "11:00",
5      "cost": "4000 BDT",
6      "status": "Available",
7      "turfId": 5
8  }
```

json slot object

SlotController

```java
@PostMapping
public String createSlot(@RequestBody SlotRequestModel slotRequestModel) {
    slotService.createNewSlot(slotRequestModel);
    return "New Slot has been added !";
}
```

```java
8   @Getter
9   @Setter
10  @NoArgsConstructor
11  @AllArgsConstructor
12  public class SlotRequestModel {
13
14      private static final long serialVersionUID = 1L;
15      private long id;
16      private String name;
17      private String startTime;
18      private String endTime;
19      private String cost;
20      private String status;
21      private long turfId;
22
23  }
```

SlotRequestModel

SlotService

```java
public void createNewSlot(SlotRequestModel slotRequestModel) {
    long turfId = slotRequestModel.getTurfId();
    Turf turf = turfRepo.getReferenceById(turfId);
    System.out.println(turf);

    Slot slot = Slot.mapToSlot(slotRequestModel, turf);
    turf.addSlot(slot);

    slotRepo.save(slot);
}
```

```java
public static Slot mapToSlot(SlotRequestModel requestModel, Turf turf) {
    return new Slot(
            requestModel.getName(),
            requestModel.getStartTime(),
            requestModel.getEndTime(),
            requestModel.getCost(),
            requestModel.getStatus(),
            turf);
}
```

mapToSlot

```java
9   @Entity
10  @Table(name = "slot")
11  public class Slot {
12      private static final long serialVersionUID = 1L;
13
14      @Id
15      @GeneratedValue(strategy = GenerationType.IDENTITY)
16      private long id;
17      private String name;
18      private String startTime;
19      private String endTime;
20      private String cost;
21      private String status;
22
23      @ManyToOne()
24      @JoinColumn(name = "turf_id")
25      private Turf turf;
```

Turf DB

New Slot
has been
added
with a
Turf ID