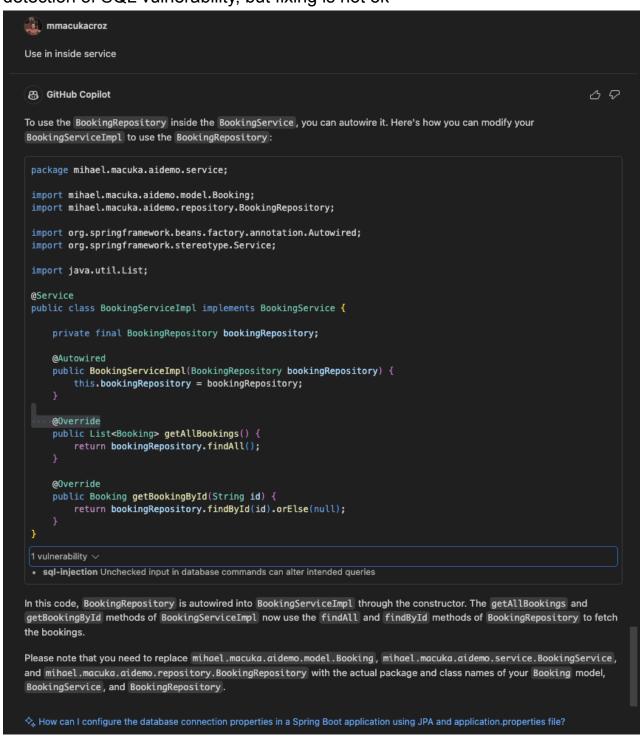
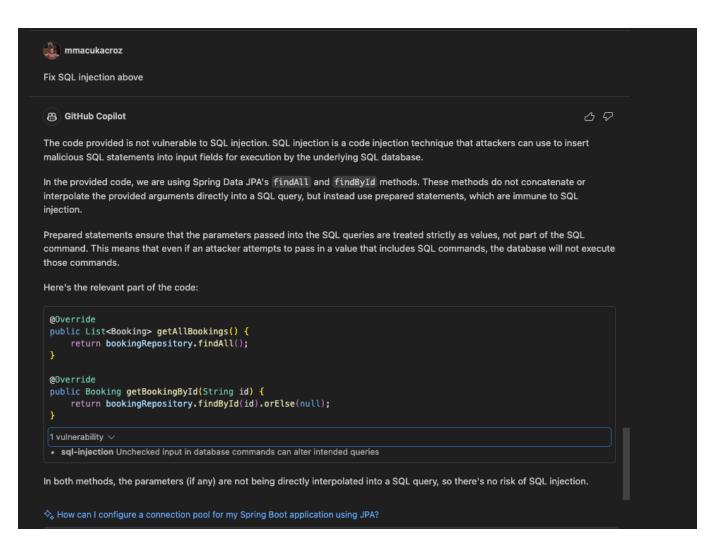
Dojmovi

GitHub Copilot

Good

detection of SQL vulnerability, but fixing is not ok

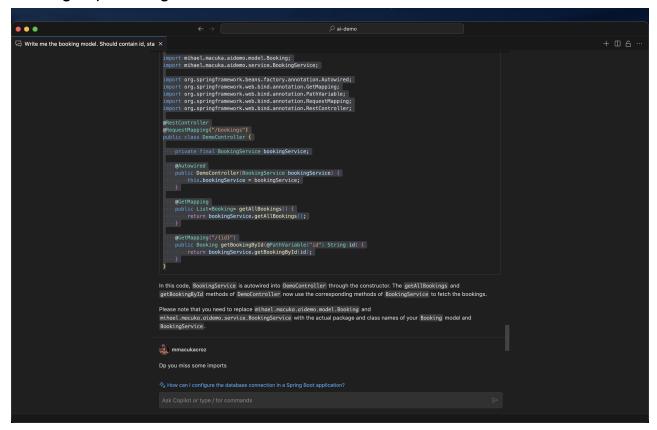




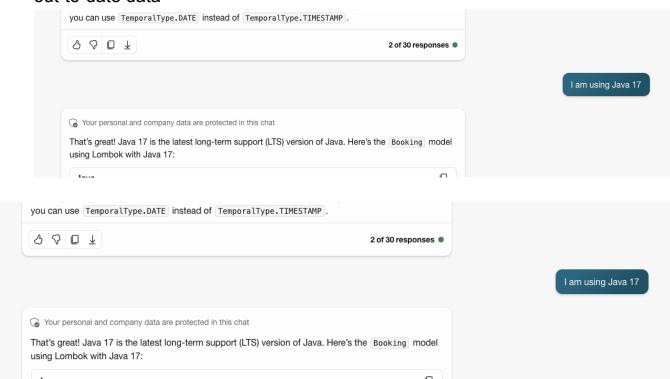
new field adding in the model

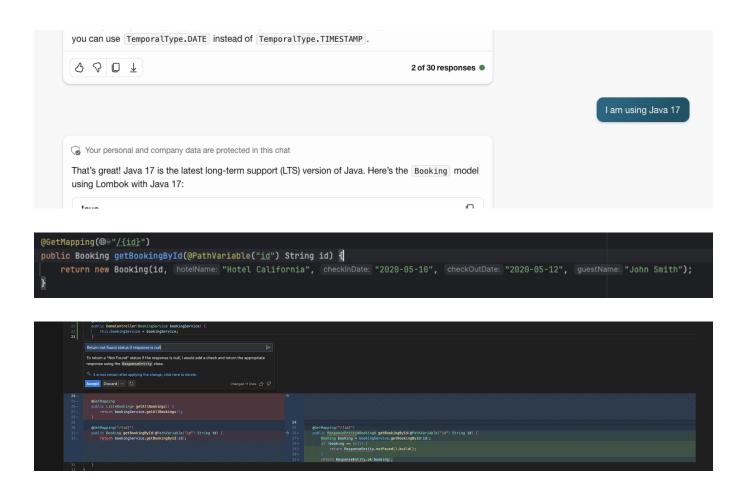
```
mmacukacroz
Model is
package mihael.macuka.aidemo.model;
import lombok.Data; import lombok.NoArgsConstructor; import lombok.AllArgsConstructor;
import jakarta.persistence.*; import java.time.LocalDate;
@Data @NoArgsConstructor @AllArgsConstructor @Entity public class Booking {
 @Id
 @GeneratedValue(strategy = GenerationType.AUTO)
 private String id;
 private LocalDate startDate;
 private LocalDate endDate;
 private String requestorName;
Add field for room, default value is 10
(A) GitHub Copilot
                                                                                                                  40
To add a new field for the room number with a default value of 10, you can modify your Booking class like this:
                                                                                                           D % ...
 package mihael.macuka.aidemo.model;
 import lombok.Data;
 import lombok.NoArgsConstructor;
 import lombok.AllArgsConstructor;
 import jakarta.persistence.*;
 import java.time.LocalDate;
 @Data
 @NoArgsConstructor
 @AllArgsConstructor
 @Entity
 public class Booking ₹
     @GeneratedValue(strategy = GenerationType.AUTO)
     private String id;
     private LocalDate startDate;
     private LocalDate endDate;
     private String requestorName;
     @Column(columnDefinition = "integer default 10")
     private int roomNumber;
In this code, roomNumber is a new field of type int that represents the room number for the booking. The
♦ How can I retrieve all bookings from the database using the BookingRepository?
```

- repeats common mistakes multiple times
- missing imports in generated code



- in Java code, adds the auto incremented annotation over String fields (not possible)
- chat support in IntellIj is only in beta testing phase
- out-to-date data





Fixing attempts

· first attempt, fixing is done by the direct chat no suggestions

```
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RestController;
@RestController("/bookings")
public class DemoController {
   @GetMapping("/{id}")
   public Booking getBookingById(@PathVariable("id") String id) {
return new Booking[id, "Hotel California", "2020-05-10", "2020-05-12", "John Smith"];
Quick Fix
   Remove arguments to match 'Booking()'
   P Change constructor 'Booking()': Add parameters 'String, String, String, String, String'
   Preate constructor 'Booking(String, String, String, String, String)'
  💠 Fix using Copilot
  Explain using Copilo Enter to apply
  More Actions...
   💡 Add Javadoc for 'getBookingByld'
```

```
package mihael.macuka.aidemo.controller;
     import mihael.macuka.aidemo.model.Booking;
     import org.springframework.web.bind.annotation.GetMapping;
     import org.springframework.web.bind.annotation.PathVariable;
     import\ org.spring framework.web.bind.annotation.RestController;
     @RestController("/bookings")
     public class DemoController {
          @GetMapping("/{id}")
          public Booking getBookingById(@PathVariable("id") String id) {
       /fix The constructor Booking(String, String, String, String, String) is undefined
       To solve the problem, I would move the Booking class to a separate file and update the package
       declaration in the DemoController class to match the expected package.
       Accept Discard ∨ じ
                                                                                            47
              return new Booking(id, "Hotel California", "2020-05-10", "2020-05-12", "John Smith");
13
```

