

STUDENT MANAGEMENT SYSTEM

JAVA:

// Student.java

@Entity

public class Student {

 @Id

 @GeneratedValue(strategy = GenerationType.IDENTITY)

 private Long id;

 private String name;

 // other properties, getters, setters

}

// StudentRepository.java

public interface StudentRepository extends JpaRepository<Student, Long> {

}

// StudentService.java

@Service

public class StudentService {

 @Autowired

 private StudentRepository studentRepository;

 public List<Student> getAllStudents() {

 return studentRepository.findAll();

 }

 // other methods

}

```
// StudentController.java

@Controller

public class StudentController {

    @Autowired

    private StudentService studentService;


    @GetMapping("/students")

    public String getAllStudents(Model model) {

        List<Student> students = studentService.getAllStudents();

        model.addAttribute("students", students);

        return "students";

    }

}
```

```
<!-- students.html -->

<!DOCTYPE htmJSP:

<% @ page contentType="text/html;charset=UTF-8" language="java" %>

<!DOCTYPE html>

<html>

<head>

    <title>Number Guessing Game</title>

</head>

<body>

    <h1>Number Guessing Game</h1>

    <p>Guess a number between 1 and 100.</p>

    <form action="guess" method="post">

        <input type="text" name="guess" required>
```

```
<input type="submit" value="Guess">
```

```
</form>
```

```
<p><%= request.getAttribute("message") != null ? request.getAttribute("message") : ""  
%></p>
```

```
</body>
```

```
</html>
```