Spring Boot Book Details Project - Simple Version

1. BookEntity.java

```java
package com.example.demo.entity;
import jakarta.persistence.*;
import lombok.Data;

@Entity
@Table(name = "BookDetails")
@Data
public class BookEntity {
    @Id
    @Column(name = "BOOKID")
    private int bookId;
    @Column(name = "BOOKNAME")
    private String bookName;
    @Column(name = "BOOKAUTHOR")
    private String bookAuthor;
    @Column(name = "BOOKPRICE")
    private int bookPrice;
    @Column(name = "PUBLISHEDBY")
    private String publishedBy;
}
```

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2. BookRepository.java

```java
package com.example.demo.repo;
import org.springframework.data.jpa.repository.JpaRepository;
import com.example.demo.entity.BookEntity;

public interface BookRepository extends JpaRepository<BookEntity, Integer> {
}
```

3. ErrorMessage.java

```java
package com.example.demo.errormessage;
public class ErrorMessage {
    private String errorMessage;
    public String getErrorMessage() {
        return errorMessage;
    }
    public void setErrorMessage(String errorMessage) {
        this.errorMessage = errorMessage;
    }
}
```

4. BookDetailsService.java

```java
package com.example.demo.service;
import com.example.demo.entity.BookEntity;
import com.example.demo.errormessage.ErrorMessage;

public interface BookDetailsService {
    BookEntity getBookDetails(int bookId);
    ErrorMessage getErrorMessage();
}
```

5. BookServiceImp.java

```java
package com.example.demo.service;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
import com.example.demo.entity.BookEntity;
import com.example.demo.errormessage.ErrorMessage;
import com.example.demo.repo.BookRepository;

@Service
public class BookServiceImp implements BookDetailsService {
    @Autowired
    private BookRepository bookRepository;

    public BookEntity getBookDetails(int bookId) {
        return bookRepository.findById(bookId).get();
    }

    public ErrorMessage getErrorMessage() {
        ErrorMessage error = new ErrorMessage();
        error.setErrorMessage("Invalid Book ID");
        return error;
    }
}
```

6. BookDetailsController.java

```java
package com.example.demo.controller;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.web.bind.annotation.*;
import com.example.demo.entity.BookEntity;
import com.example.demo.errormessage.ErrorMessage;
import com.example.demo.service.BookDetailsService;

@RestController
public class BookDetailsController {
    @Autowired
    private BookDetailsService service;

    @GetMapping("/getBookDetails/{bookId}")
    public ResponseEntity<?> getBookDetails(@PathVariable int bookId) {
        if (bookId >= 101 && bookId <= 105) {
            BookEntity details = service.getBookDetails(bookId);
            return new ResponseEntity<>(details, HttpStatus.OK);
        } else {
            ErrorMessage error = service.getErrorMessage();
            return new ResponseEntity<>(error, HttpStatus.BAD_REQUEST);
        }
    }
}
```

7. application.properties

```
spring.application.name=GetMappingBookDetails
spring.datasource.url=jdbc:oracle:thin:@//localhost:1521/xe
spring.datasource.username=hr
spring.datasource.password=9360mahi
spring.datasource.driver-class-name=oracle.jdbc.driver.OracleDriver
server.port=8093
```

8. pom.xml (relevant part)

```xml
<dependencies>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-data-jpa</artifactId>
    </dependency>
    <dependency>
        <groupId>com.oracle.database.jdbc</groupId>
        <artifactId>ojdbc8</artifactId>
        <version>19.8.0.0</version>
    </dependency>
    <dependency>
        <groupId>org.projectlombok</groupId>
        <artifactId>lombok</artifactId>
        <scope>provided</scope>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-test</artifactId>
        <scope>test</scope>
    </dependency>
</dependencies>
```