

# REST API Testing Overview



# Student Grade Book - REST API

- We will start with an existing Student Grade Book - REST API
- Similar to the Student Grade Book app that we worked on in previous videos
- Replaced HTML interface with a REST API
- The REST API was created by a previous employee ... but it does not have any tests (yikes!)
- Our job:
  - Add tests for the REST API



# Technical Stack

- Spring Boot
- Spring Data JPA
- Spring @RestController

# Existing Code (partial)

@RestController

GradeBookController.java

Model

CollegeStudent.java  
Grade.java  
Gradebook.java  
GradebookCollegeStudent.java  
HistoryGrade.java  
MathGrade.java  
ScienceGrade.java  
Student.java  
StudentGrades.java

# Application Architecture

