

# Assessment: Vending Machine with Spring DI

Re-submit Assignment

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**Due** May 14, 2018 by 9am      **Points** 100      **Submitting** a website url  
**Available** after May 10, 2018 at 5pm

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## Overview

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The purpose of this assessment is to demonstrate your proficiency in using the Spring dependency injection container.

## Requirements

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- Convert the Vending Machine application you submitted as your summative assessment in the last milestone to use the Spring DI container. Use the lesson notes as a guide and pattern your approach after the Class Roster DI Conversion Code Along.

## Submitting Your Assessment

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Your instructor will provide instructions on how to submit your work to a GitHub classroom.

After submitting your work, schedule a time with a staff member to review your code. If you are attending the Guild in person, your code will be reviewed during the weekly code review.

Be prepared to answer questions about your code and thought processes when you complete the code review.

### **Vending Machine with Spring DI v2.4**

Criteria	Ratings			Pts
Specifications Apprentice applies the specifications to the application.	<b>30.0 pts</b> <b>Meets</b> <b>Expectations</b>	<b>15.0 pts</b> <b>Needs</b> <b>Improvement</b>	<b>0.0 pts</b> <b>No</b> <b>Submission</b>	30.0 pts
Spring DI The application correctly uses Spring dependency injection.	<b>20.0 pts</b> <b>Meets</b> <b>Expectations</b>	<b>10.0 pts</b> <b>Needs</b> <b>Improvement</b>	<b>0.0 pts</b> <b>No</b> <b>Submission</b>	20.0 pts
Maven The apprentice can explain how Maven manages the Spring libraries required for DI.	<b>10.0 pts</b> <b>Meets</b> <b>Expectations</b>	<b>5.0 pts</b> <b>Needs</b> <b>Improvement</b>	<b>0.0 pts</b> <b>No</b> <b>Submission</b>	10.0 pts
DI and Interfaces The apprentice can explain how dependency injection and programming to interfaces work together.	<b>10.0 pts</b> <b>Meets</b> <b>Expectations</b>	<b>5.0 pts</b> <b>Needs</b> <b>Improvement</b>	<b>0.0 pts</b> <b>No</b> <b>Submission</b>	10.0 pts
Using Spring The apprentice can explain how Spring can simplify Java development.	<b>10.0 pts</b> <b>Meets</b> <b>Expectations</b>	<b>5.0 pts</b> <b>Needs</b> <b>Improvement</b>	<b>0.0 pts</b> <b>No</b> <b>Submission</b>	10.0 pts

Criteria	Ratings			Pts
Maven Lifecycle The apprentice can explain the Maven lifecycle.	10.0 pts Meets Expectations	5.0 pts Needs Improvement	0.0 pts No Submission	10.0 pts
Code Style Code is written with appropriate indents, naming conventions, and comments so that other developers can read the code easily.	10.0 pts Meets Expectations	5.0 pts Needs Improvement	0.0 pts No Submission	10.0 pts
Total Points: 100.0				