Graduate Capstone: Game Store Project

Instruction:
This project has six major requirements--General Requirements, Game, T-Shirt, Console, Controller Advice and Validation, and User Interface.
Each major requirement is broken down into skills. Assign the point allocated for each checkbox demonstrated by the learner.
Add up the total number of points demonstrated by the learner to determine their grade out of 240 points.

General Requirements (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
All 3 present	2 of 3 present	1 of 3 present	none present	No submission was received
❏ Solution in an IntelliJ project called FirstNameLastNameCapstone(10 pts)	❏ Solution in an IntelliJ project called FirstNameLastNameCapstone(10 pts)	❏ Solution in an IntelliJ project called FirstNameLastNameCapstone (10 pts)	❏ Solution in an IntelliJ project called FirstNameLastNameCapstone(10 pts)	-OR-
❏ Project built using Spring Boot and Spring MVC. Initialize project using start.spring.io (10 pts)	❏ Project built using Spring Boot and Spring MVC. Initialize project using start.spring.io (10 pts)	❏ Project built using Spring Boot and Spring MVC. Initialize project using start.spring.io (10 pts)	❏ Project built using Spring Boot and Spring MVC. Initialize project using start.spring.io (10 pts)	Submission was empty or blank -OR-
❏ Project uses JPA and follows the pattern shown in this module (20 pts)	❏ Project uses JPA and follows the pattern shown in this module (20 pts)	❏ Project uses JPA and follows the pattern shown in this module (20 pts)	❏ Project uses JPA and follows the pattern shown in this module (20 pts)	Submission contains evidence of academic dishonesty

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Game Entity Code (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
❏ Code is clean (follows general patterns as presented in class) (8 pts) ❏ All present: Create, Update, and Delete routes (8 pts) Implementation of Repository All present: (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Test of Repository All present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title REST API endpoints and OpenAPI Documentation	❏ Code is clean with a few errors (6 pts) ❏ At least 2 present: Create, Update, and Delete routes (6 pts) Implementation of Repository At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Test of Repository At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title REST API endpoints and OpenAPI Documentation	❏ Code is basic and has significant errors (4 pts) ❏ At least 1 present: Create, Update, and Delete routes (3 pts) Implementation of Repository At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Test of Repository At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	❏ Code has significant errors and needs help (2 pts) ❏ None present: Create, Update, and Delete routes (0 pts) Implementation of Repository At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Test of Repository At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty

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All present (8 pts)	At least 75% present (6 pts)	REST API endpoints and OpenAPI Documentation At least 50% present (4 pts)	REST API endpoints and OpenAPI Documentation At least 25% present (2 pts)	
❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title	

T-Shirt Entity Code (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
❏ Code is clean (follows general patterns as presented in class) (8 pts) ❏ All present: Create, Update, and Delete routes (8 pts) Implementation of Repository All present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete	❏ Code is clean with a few errors (6 pts) ❏ At least 2 present: Create, Update, and Delete routes (6 pts) Implementation of Repository At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Color	❏ Code is basic and has significant errors (4 pts) ❏ At least 1 present: Create, Update, and Delete routes (3 pts) Implementation of Repository At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete	❏ Code has significant errors and needs help (2 pts) ❏ None present: Create, Update, and Delete routes (0 pts) Implementation of Repository At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty

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- ❏ By Color
- ❏ By Size

Test of Repository(8 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

REST API endpoints and OpenAPI Documentation for (8 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

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- ❏ By Size

Test of Repository
At least 75% present (6 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

REST API endpoints and OpenAPI Documentation
At least 75% present (6 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
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- ❏ By Color
- ❏ By Size

Test of Repository
At least 50% present (4 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

REST API endpoints and OpenAPI Documentation
At least 50% present (4 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

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- ❏ Delete
- ❏ By Color
- ❏ By Size

Test of Repository
At least 25% present (2 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

REST API endpoints and OpenAPI Documentation
At least 25% present (2 pts)
- ❏ Create
- ❏ Read
- ❏ Read All
- ❏ Update
- ❏ Delete
- ❏ By Color
- ❏ By Size

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Console Entity Code (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
❏ Code is clean (follows general patterns as presented in class) (8 pts)	❏ Code is clean with a few errors (6 pts) ❏ At least 2 present:	❏ Code is basic and has significant errors (4 pts)	❏ Code has significant errors and needs help (2 pts)	No submission was received -OR-

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❏ All present: Create, Update, and Delete routes (8 pts)	Create, Update, and Delete routes (6 pts)	❏ At least 1 present: Create, Update, and Delete routes (3 pts)	❏ None present: Create, Update, and Delete routes (0 pts)	Submission was empty or blank
Implementation of Repository All present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Implementation of Repository** At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Implementation of Repository** At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Implementation of Repository** At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	-OR- Submission contains evidence of academic dishonesty
Test of Repository All present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Test of Repository** At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Test of Repository** At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**Test of Repository** At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	
REST API endpoints and OpenAPI Documentation All present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**REST API endpoints and OpenAPI Documentation** At least 75% present (6 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**REST API endpoints and OpenAPI Documentation** At least 50% present (4 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	**REST API endpoints and OpenAPI Documentation** At least 25% present (2 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	

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Controller Advice and Validation (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
❏ Code is clean (follows general patterns as presented in class) (5 pts) ❏ JSR 303 validations match database constraints and messages are clear and concise (5 points) 3 of 3 present ❏ Implementation utilizes the ResponseEntity pattern presented in class (10 points) ❏ Controller Advice returns 404/422 status codes where appropriate (10 points) ❏ Controller Advice handles all possible exceptions thrown by Controller, Repository, and Service Layer code (10 points)	❏ Code is clean with a few errors (4 pts) ❏ JSR 303 validations match database constraints and messages are clear and concise (5 points) 2 of 3 present ❏ Implementation utilizes the ResponseEntity pattern presented in class (10 points) ❏ Controller Advice returns 404/422 status codes where appropriate (10 points) ❏ Controller Advice handles all possible exceptions thrown by Controller, Repository, and Service Layer code (10 points)	❏ Code is basic and has significant errors (3 pts) ❏ JSR 303 validations match database constraints and messages are clear and concise (5 points) 1 of 3 present ❏ Implementation utilizes the ResponseEntity pattern presented in class (10 points) ❏ Controller Advice returns 404/422 status codes where appropriate (10 points) ❏ Controller Advice handles all possible exceptions thrown by Controller, Repository, and Service Layer code (10 points)	❏ Code has significant errors and needs help (2 pts) ❏ JSR 303 validations match database constraints and messages are clear and concise (5 points) None present ❏ Implementation utilizes the ResponseEntity pattern presented in class (10 points) ❏ Controller Advice returns 404/422 status codes where appropriate (10 points) ❏ Controller Advice handles all possible exceptions thrown by Controller, Repository, and Service Layer code (10 points	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty

Graduate Capstone: Game Store Project

User Interface (40 points total)

Proficient	Approaching Proficiency	Partial Proficiency	Emerging	Incomplete
❏ Code is clean (follows general patterns as presented in class) (10 pts) Provides Interface to Game API functionality. All present: (10 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Provides Interface to T-Shirt API functionality. All present (10 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Color ❏ By Size Provides Interface to Console API functionality: All present (10 pts) ❏ Create	❏ Code is clean with a few errors (8 pts) Provides Interface to Game API functionality. At least 75% present: (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Provides Interface to T-Shirt API functionality. At least 75% present (8 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Color ❏ By Size Provides Interface to Console API functionality: At least 75% present (8 pts)	❏ Code is basic and has significant errors (5 pts) Provides Interface to Game API functionality. At least 50% present: (5 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Provides Interface to T-Shirt API functionality. At least 50% present (5 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Color ❏ By Size Provides Interface to Console API functionality: At least 50% present (5	❏ Code has significant errors and needs help (3 pts) Provides Interface to Game API functionality. At least 25% present: (3 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Studio ❏ By ESRB ❏ By Title Provides Interface to T-Shirt API functionality. At least 25% present (3 pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Color ❏ By Size Provides Interface to Console API functionality: At least 25% present (3	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty

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❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	pts) ❏ Create ❏ Read ❏ Read All ❏ Update ❏ Delete ❏ By Manufacturer	