easy shop

E-COMMERCE AND ONLINE RETAIL

EasyShop is a friendly and easy-to-use web app designed for my Capstone Project, where users can explore products, manage their cart, and keep their profile up to date.

LESLEY S   27 JUNE, 2025

WHAT IS EASYSHOP?

💻 BACKEND: SPRING BOOT + MYSQL

- Built with Java Spring Boot
- REST APIs for products, categories, cart, and profile
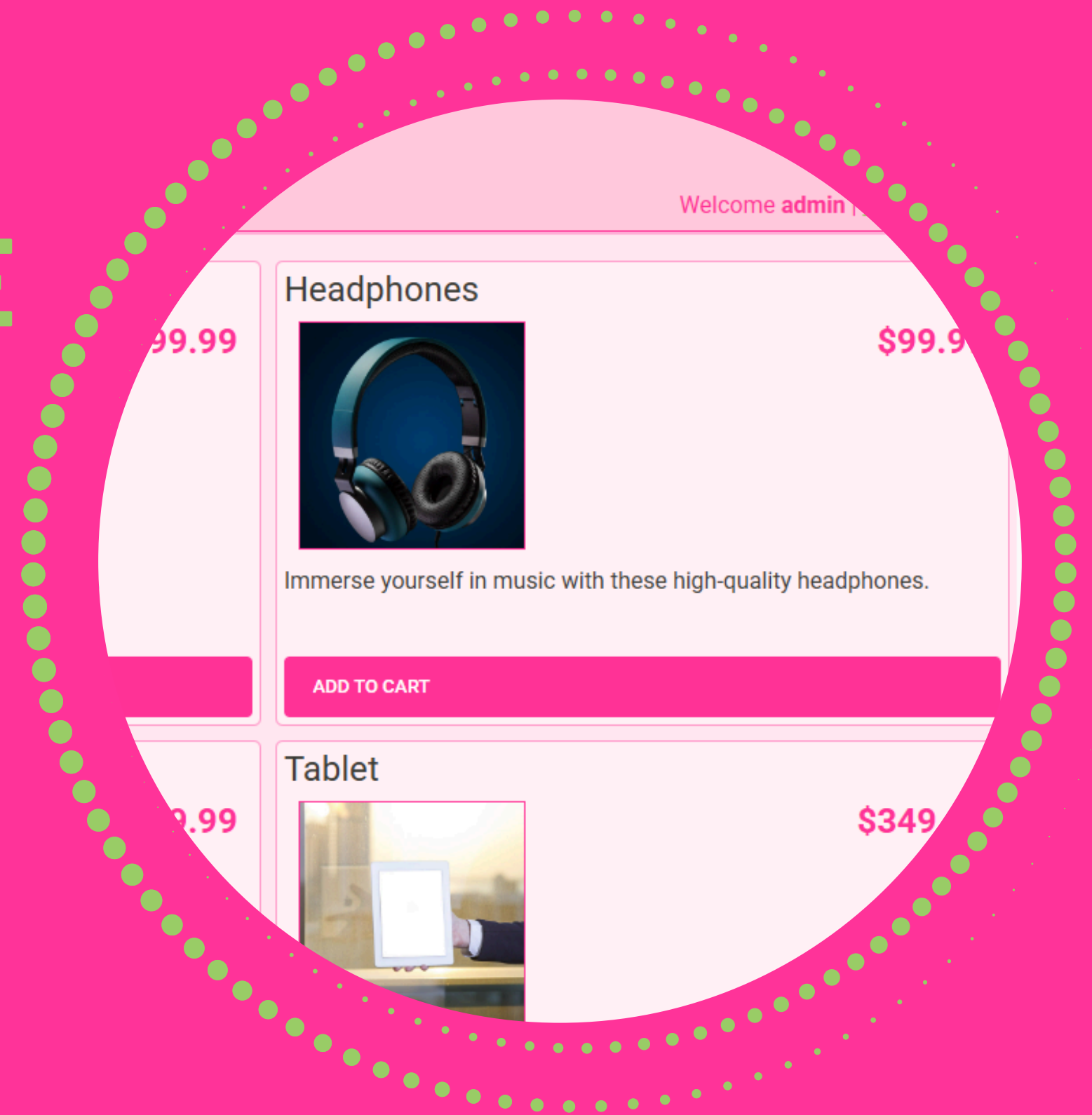- Secure JWT token authentication
- Data stored in MySQL

Filter Rows: | Edit:

name	price	category_id	descrip
Smartphone	499.99	1	A power
Laptop	899.99	1	A high-p
Headphones	99.99	1	Immerse
Smart TV	1499.99	1	Experie
Digital Camera	599.99	1	Capture
Tablet	349.99	1	A porta
Gaming Console	399.99	1	Experie

products 2 ✕

Output

Action Output

| # | Time | Action |

FRONTEND:
EASYSHOP'S USER INTERFACE

- HTML + CSS for layout and style
- Bootstrap for mobile-friendly design
- Mustache.js for dynamic pages
- Axios + jQuery for API communication
- Postman to test the frontend with the backend

Welcome **admin**

Headphones

$99.99

$99.9

Immerse yourself in music with these high-quality headphones.

ADD TO CART

Tablet

$349

.99

API TESTING WITH POSTMAN

VERIFY, DEBUG, SECURE YOUR WEB APP

Postman helps test and validate all API endpoints in EasyShop. With it, I ensure the app's product, cart, category, and user services work smoothly. Each API call can be checked for correctness, security (JWT tokens), and error handling.
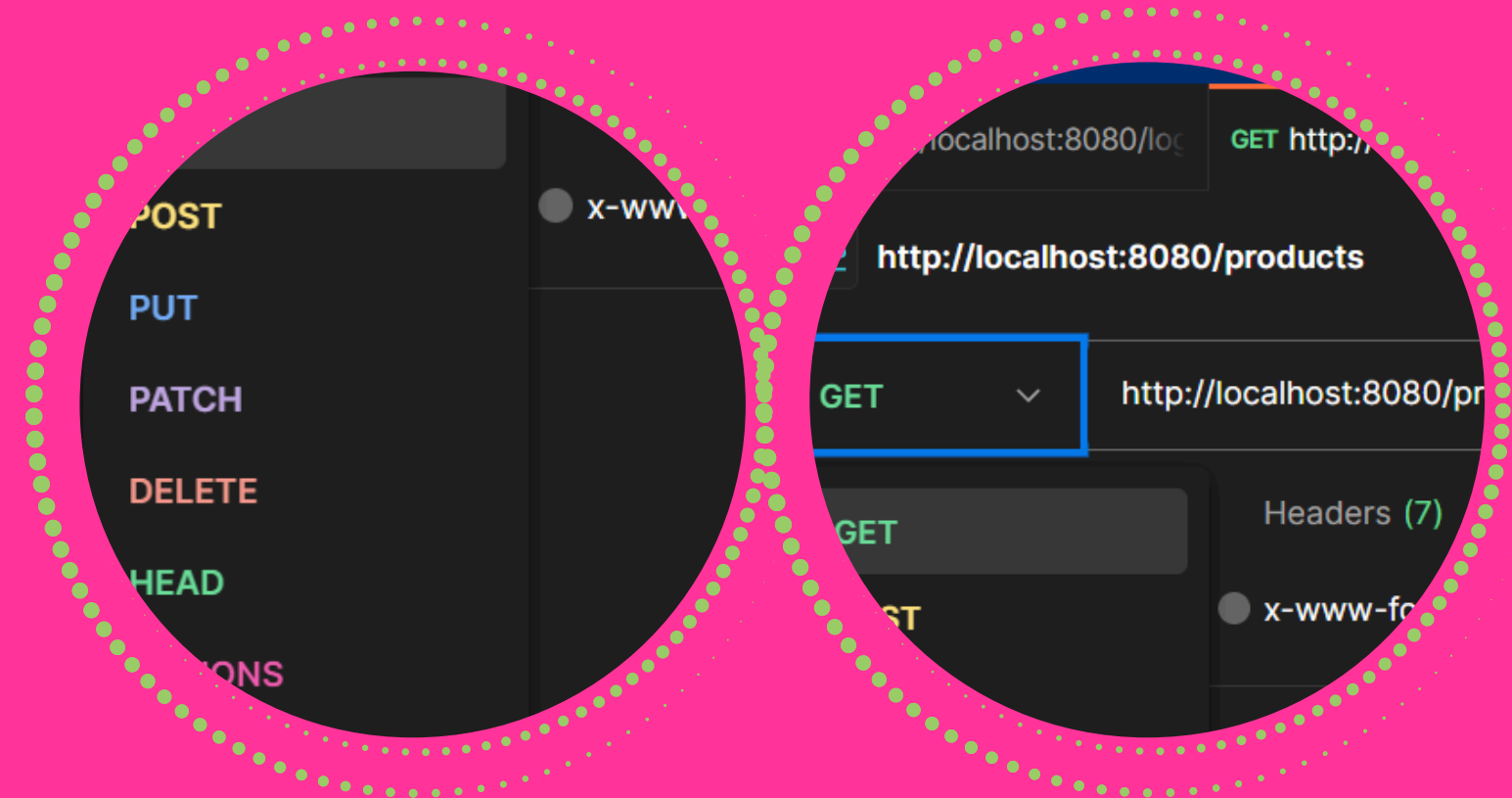
These tests guarantee the app responds correctly to actions like viewing, adding, updating, or deleting products, and that secure endpoints are protected.

GET: RETRIEVE DATA

POST: ADD NEW PRODUCTS OR REGISTER USERS

PUT: UPDATE PRODUCT OR CART ITEMS

DELETE: REMOVE PRODUCTS OR CLEAR CART

FUTURE ENHANCEMENTS

🛒 Add checkout + payment integration
📦 Order history for users
⭐ Product reviews and ratings
📊 Admin dashboard for analytics
💬 Live chat / customer support

easy
shop

THANK YOU

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