**Product Backlog Items**

**Spring Security**

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| As a customer or admin, I want to be able to login and register appropriately; in addition, to viewing specific pages based on my role. |
| Acceptance and Done Criteria: All users should be validated through login and registration, and pages should display based on user role. User information should be stored in a database table with password encryption. |
| Effort: Large |

**Admin Inventory Management**

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| As an admin, I should be able to manage my inventory which includes adding, deleting, and editing all product details in the catalog. |
| Acceptance and Done Criteria: All changes by admin should persist to the database and display to catalog. |
| Effort: Medium |

**Admin Order Management**

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| As an admin, I should be able to update order status such as shipped and delivered which should also update my inventory quantity. |
| Acceptance and Done Criteria: The order status should persist to database also display in customer order history. |
| Effort: Medium |

**Admin User Management**

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| As an admin, I should be able to manage user such as adding another admin or changing a customer’s details such as credit card and address. |
| Acceptance and Done Criteria: All changes by admin should persist to database and display to user profile. |
| Effort: Medium |

**Customer Profile Management**

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| As a customer, I should be able to change my details such as address and credit card information. |
| Acceptance and Done Criteria: All changes by customer should persist to database and display to user profile and admin view. |
| Effort: Medium |

**Customer Catalog Search**

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| As a customer, I should be able to search the catalog based on different filters such as artist, title, and price range. |
| Acceptance and Done Criteria: The catalog display all results matching criteria from database table. |
| Effort: Medium |

**Customer Order Management**

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| As a customer, the customer should be able to place order with all items in the cart and should be able to view order history and see the status. |
| Acceptance and Done Criteria: The checkout button should link to an order confirmation page, and all orders status should be able to be tracked in the order history page. |
| Effort: Large |

**Bootstrap and Other Styling**

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| As a user, the website should look professional and be easy to use with minimal bugs. |
| Acceptance and Done Criteria: The view of the website should be styled professionally with a home carousel and navigation bar for easy access. |
| Effort: Medium |