***NAO ID: 3306***

***08/09/2025***

***IN-MEXICO PROGRAM BACKEND***

***Github and Digital Respostory Management***

***DEVELOPER CERTIFICATION***

Valeria Anel Duque Salgado

**Nao id: 3306**

**08/09/2025**

2025

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| User Story | Requirements |
| A customer is able to add/create a shopping cart to improve their shopping experience. | Shopping carts must allow adding/removing products.  Cart should display item details, price, and total. |
| A user needs to know when an item is back in stock and wants to have a notification via email. | Option to subscribe to stock alerts.  Automatic email notification when product is available. |
| A user desires a more interesting user experience through the web page | Interactive design with visuals and animations.  Personalized recommendations based on browsing history. |
| A customer searches for a product, applies filters, and quickly finds the item they want. They add it to the cart and proceed to checkout without issues. | Search bar with filters (price, size, category).  Add/remove items from cart.  Simple and fast checkout process. |
| A returning customer logs in, views their order history, and reorders a product with one click. | Secure login system.  Display past orders.  One-click reorder option. |

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| Requirements | Stages | Time estimation | Deliverables |
| Shopping Cart Functionality | 1.Design UI/UX of cart page  2. Develop add/remove items feature  3. Implement total price calculation  4. Test and deploy | 2 weeks | -Cart page (UI/UX)  -Working cart system  -Price calculation engine |
| Notification via Email | 1.Add “Notify me” option to product page  2. Build subscription database  3. Configure email automation  4. Test notifications | 1.5 weeks | “Notify me” button  Email notification workflow  User subscription list |
| Engaging User Experience | 1. Research & design engaging layout  2. Develop product recommendation system  3. Add animations/visuals  4. Run usability testing | 3 weeks | Interactive homepage  Personalized recommendations  Improved UI with animations |