Use Case 003: Customer Orders a Product

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| Name | UC-003: Customer Orders a Product |
| Scope | System Use Case |
| Level | System Goal Level |
| Primary Actor | Customer |
| Stakeholder(s) | AmazingCo will be providing the Wallymart App to customers and employees. |
| Preconditions | The user must download the software from Github and have Python installed. |
| Postconditions | The orders table is updated with the customer’s orders. |
| Main Success Scenario | 1. The customer starts the app. 2. The app creates any missing database-tables. 3. The customer is prompted to sign up or log in. 4. The customer logs in by entering his username and password. 5. The app checks the customer\_credentials table for the customer’s username and password combination and then authenticates the user. 6. From the customer home page, he is prompted to choose one: (1) view products, (2) checkout, (3) update profile, or (4) log out. 7. The customer chooses to view products. He is shown the first five items and prompted with the following options: (1) refresh products, (2) next page, (3) previous page, (4) add item to cart, (5) write a review, (6), view reviews, or go back to the home screen. 8. The customer selects next twice, then decides to add 3 of item number 12 to his cart. He selects previous page and adds 5 of item number 6 to his shopping cart. 9. The customer returns to the home page and selects checkout. 10. The customer sees the contents of the shopping cart and decides to submit his order. 11. The app prompts the customer for credit card information, which he enters. The app verifies it and writes the order to the orders table. 12. The customer logs out. |
| Extensions | 1a1. The customer enters his credentials incorrectly. 1a2. The app checks the customer\_credentials table for the customer’s username and password combination and cannot find it. 1a3. The customer sees the following message: “Please enter a valid username and password combination.” 1a4. The customer is re-prompted for his username and password.  2a1. The customer logs in and immediately decides to check out, despite having no items in his cart. 2a2. The customer sees the following message: “No items in cart, returning to home...” |