EBazaar Inc.

**eBazaar
Use Case Specification: Login**

Version 1.1

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1. Brief Description

The login activity.

2. Actors

Customer
Product Manager
Accounts Database
Products Database

3. Preconditions. Software has been started (web page loaded). User is not logged in.

4. Flow of Events

4.1 Basic Flow *Successful login.*

User Action	System Response
1. User performs an action that requires Login	1. System displays a login window, requesting customer id and password.
2. User types in id and password.	2. System searches for id, password, and authorization level in customer database. When these are located, customer information is loaded into memory, including authorization level, order history and the saved shopping cart, if either of these exist, as well as default address and payment information, and customer profile data. The system records the fact that the customer has logged in successfully. The login window disappears, and the customer is directed to the window or page being requested (or welcome page if none requested).

4.2 Alternate Flows

4.2.1 Customer Id not found, or password is incorrect

User Action	System Response
1. User performs an action that requires Login	1. System displays a login window, requesting customer id and password.
2. User types in id and password.	2. System is either unable to find customer id, or password given by user does not match password on record. The System displays a dialog with message "Unable to login. Either id or password incorrect." The screen from which login was initiated is made visible (standalone app).

4.3 Exceptional Flows

4.3.1 Database unavailable

User Action	System Response
1. User performs an action that requires Login	1. System displays a login window, requesting customer id and password.
2. User types in id and password.	2. System is either unable to connect to the database. The System displays a message "Unable connect to the database. Please try again later."

5. Post-Conditions

After successful login, customer profile data, default billing, shipping, and payment info, saved shopping cart, and order history are available in memory. After successful login, access to pages that require login does not require further login (single sign-on).

6. Business Rules

7. Nonfunctional Requirements

8. Sample Screens