BAMAZON APP

a CLI APP | built in node.JS and MySQL | developed for 3 Challenges/Levels

an app running on Bash/Terminal

Built in node.JS and MySQL, the app includes a 'bamazon' MySQL database, and has 3 levels: Customer, Manager, and Supervisor. This app requires rpm packages 'mysql', 'inquirer', 'cli-table', 'cli-color', 'figlet'.

Level 1 Customer View

Displays 2 Bamazon Customer Options:

Display Products

Buy Products

Level 2 Manager View

Displays 4 Bamazon Manager Options:

View Products for Sale

View Low Inventory (less than 5 units)

Add to Inventory

Add New Product

Level 3 Supervisor View

Running this level will display 3 Bamazon Supervisor Options:

View Product Sales by Department

View Existing Departments

Create New Department

Customer View (Level 1)

… displays products existing in the store's inventory; and takes in orders from customers and depletes stock from the store's inventory. Furthermore, the app tracks product sales across the store's departments and then provides a summary of the highest-grossing departments in the store. If there is insufficient inventory to cover the customer's order, the app prompts: `Insufficient quantity!`, and then prevents the order from going through.

Manager View (Level 2)

… displays every product existing in the store's inventory: the item IDs, names, prices, and quantities.; displays low stock inventory (less than 5 units); adds inventory to any item of the existing inventory in store and updates the bamazon database; and adds completely new products to inventory and updates the bamazon database.

Supervisor View (Level 3)

… creates new department; and displays product sales by department, by including the `total_profit` column, calculated on the fly using the difference between `over_head_costs` and `product_sales`. The `total_profit` is not stored in any database