

হালখাতা- A Simple And Affordable Shop Management Software

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Project Overview

Most of the local grocery stores need to keep the record of their sales. Usually the stores use old-age notebooks to keep the record. Because most of the time, the shop management systems used by the supershops are very much expensive. It becomes almost impossible for them to buy a software just to manage their stores. To solve this problem, we have come up with an idea of making হালখাতা, a simple and affordable shop management system.

By using হালখাতা, the shop owner can manage his inventory, buy and sell products, create a customer database, and track the daily/monthly sales & revenue.

Key Features

1. Dashboard

- a. The user will be able to see the daily number of sales and revenue.
- b. The user will find buttons to go to Add Product page, Sell Product page, Add Customer page, Search Product Page and Return Product page.

2. Add Product

- a. The user will be able to add a product name, product ID, product price and quantity.

3. Sell Product

- a. The user will be able to add a product to the cart by product ID.
- b. The software will generate a unique order ID for each order.
- c. The user will be able to see the order history by searching the order ID.
- d. The user will be able to redeem loyalty points of the previous customers.
- e. The user will be able to add multiple products and the total price will be calculated automatically.

4. Search Product

- a. The user will be able to search a product by product ID and find the necessary information of the product.

5. Add Customer

- a. While selling a product, the user will need to give a customer name and customer contact. It will automatically create a new customer if the customer doesn't exist.
- b. The user will be also be able to add a new customer manually from this Add Customer page.

6. Customer Loyalty Points

- a. For each successful purchase, 1% of the purchased amount will be added as a Loyalty Point on the customer's account.

7. Return Product

- a. The user will be able to handle the return of a product from this page. He/she can just search the order history by order ID and return that product. This will also update the sales & revenue and the inventory automatically.

Extended Features

We will try to add these features also if we can manage enough time in the development process:

1. Generating a PDF Receipt

- a. The software will generate a PDF receipt with the order details.

2. Product List

- a. The user will be able to add/search products from a list which will be available in the sell product page and search product page.

3. A Subscription Based Business Model For Multiple Users

- a. Multiple users will be able to come to our site, open an account and use our service. It will become a subscription base business model.

Technology

We are planning to use HTML5, CSS3 and JavaScript for both frontend and backends. But we may also use PHP for backend if required. We will be using SQL for managing our database.