

Advance Software Engg.

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Group Members

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Mart Management System

Features:

- ✓ Sign up
- ✓ Sign in
- ✓ Differentiate User and Super User
- ✓ Separate Features for User and Super User
- ✓ Security
- ✓ Manage all Customer Record
- ✓ Easy to Search
- ✓ Customer data inserted by code
- ✓ Data item list creation
- ✓ Pdf creation
- ✓ Easy Update feature (Special feature created by own when default function was not working)
- ✓ Delete Record (effective)
- ✓ User friendly (Mostly Background process and less features on screen)

Software Requirements:

Database Used: MYSQL

Database Name: Mart

Tables: Five

Table name: Customer, Item, Record, Security and Admin, and Customer.ID contain Primary key and Record.ID contain secondary key.

Customer (Columns) : Id, UserName, TotalPrice and DateTime with data types integer, varchar, varchar and datetime respectively.

Items (Columns) : SNo, Code, Name, Discount and Price with data types integer, varchar, varchar, Float and Float respectively.

Record (Columns) : SNo, ID, Item, Quantity, Discount, Price and DiscountedPrice with data types integer, integer, varchar, integer, float, float and float respectively.

Security (Columns) : UserName and Password with data types varchar and varchar respectively.

Admin (Columns) : SNo, UserName and Code with data types integer, varchar and varchar respectively.

Reference Files: Two reference files are used in this project namely of mysql and isharp

Techniques and Methodologies

Software is developed by using agile methodology by mean that according to requirement we implement and change it.

Tools and Resources

- Microsoft Visual studio.
- MySql API.
- ITextSharp API.
- Internet.

Important names in the field

- Imtiaz super Store
- Chase value
- Chase up
- ...

Research team

- Hakeemullah
- Danish
- Rafaqat Ali

Evaluation and result

As in agile process software is updated iteratively whenever a new functionality is needed to include or need to change functionality. Evaluation is a part of software because it need to be evolve because often business requirement changes as the time passes. Software started to use when it is seemed to cover a basic or most required or necessary part of software functionality and evolved as the time passes. In business time change so quickly and here we need rapid application development so as hurry as possible they want solution is to be in use and they can take advantage of it.

Documentation links

<https://afterlogic.com/mailbee-net/docs-itextsharp/>
<https://dev.mysql.com/doc/connectors/en/>