

README

Welcome to Story.

Story is an online store project made on JAVA.

- Story is an application designed to empower businesses of all sizes to create and manage their online stores with ease. Whether you're a solo entrepreneur or an established retailer.
- Features :
 - This project use Database for storing and reading data.
 - List all products without needing to have account
 - first list categories of products.
 - List products of choosen category.
 - Customers could create personal account with personal info
 - ID (generated automatically by Database).
 - Full Name.
 - Email.
 - Phone.
 - Country.
 - City
 - Password
 - Customer have the ability to:
 - List the products as ususal vistor with information:
 - ID.
 - Name.
 - Price.
 - Avilable Quantity.
 - Category.
 - Discount.
 - List information about specific product by product ID.

- Every Customer have carte and can:
 - add product to carte
 - Remove product from carte.
 - List carte 's products.
 - Make payment (now credit cards are available) by providing:
 - Card number.
 - Card expire date.
 - Card CCV.
 - Customer can list his information
 - Accounts for Admins and have the ability to :
 - List products with full information including:
 - ID.
 - Name.
 - Price.
 - Available Quantity.
 - Category.
 - Discount.
 - Revenue.
 - Sold quantity.
 - Add new product to database by providing full info of product.
 - Modify product info into database through product 's ID.
 - Price.
 - Available quantity.
 - Discount.
 - Delete product from database by product 's ID.
 - Print admin account info:
 - ID.
 - Name.
 - Email.
 - Password.
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This project was for practice exam in subject *OOP with java*

- I build this project basically to practice on OOP concepts like
 - Objects.
 - Class.
 - Interface.
 - Inheritance.
 - Abstratction.
 - Enacpuslation.
 - Access modifiers.
 - Reations between classes.
 - Inheritance.
 - Composition.
 - Aggrigation.
 - Association.
 - Dependence.
- I learned more topic in my way to finish this project
 - Creating database on mysql.
 - Dealing with Database from java files.
 - Java collections.
 - ArrayList.
 - reading from a file.
 - variable warrping.
 - format priting.
 - printing colored text to console.

How to use this project

- There are two versions for Project.
 - 1- Source Code.
 - 2- Final version (jar file).

Requirements

- Last version of JDK.
- MYSQL program or any DBMS.
- This program was developed using IntelliJ IDE Community Edition.

for source code and Jar file.

- First you need to create Database with the provided SQL file.
 - SQL file is in path `.\src\DataBaseMysql.sql`.
- second edit file `.\src\DataBaseInfo\DatabaseInfo.txt` edit it by putting info of database you created, in line :
 - 1- `localhost`.
 - 2- `scheme name`.
 - 3- `username`.
 - 4- `password`.

For source code.

- You can view and edit source code in any IDE Basically IntelliJ.
 - Option:
 - add j connector to your project if not found.

For Jar file.

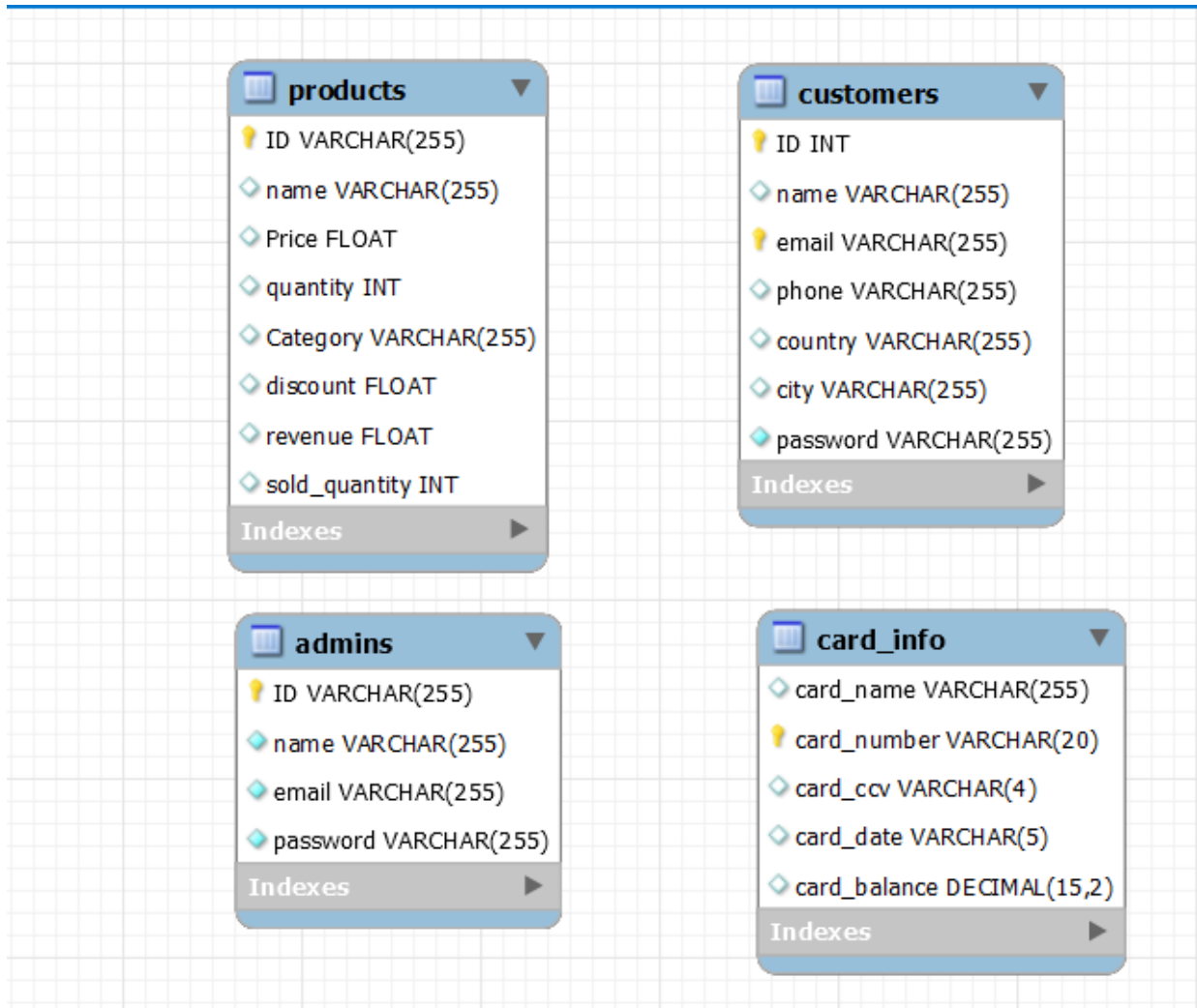
- open `terminal` or `cmd`
- run command `java -jar .\StoryOnlineStore.jar`

The used database.

It is a simple 4 tables

- customers.
- admins.
- products.

- card_info. for simulating payment gateway.



".\pics\DataBaseERDiagram.png" is not created yet. Click to create.