

CSE1007 - Java Programming

Digital Assignment

Yarn Product and Inquiry Manager with JavaFX and MySQL

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LAB - L5 + L6

Task

Create a Java GUI with JavaFX/Swing/Serverlets with a SQL backend and use JDBC connectivity to store and maintain data.

Tool Created

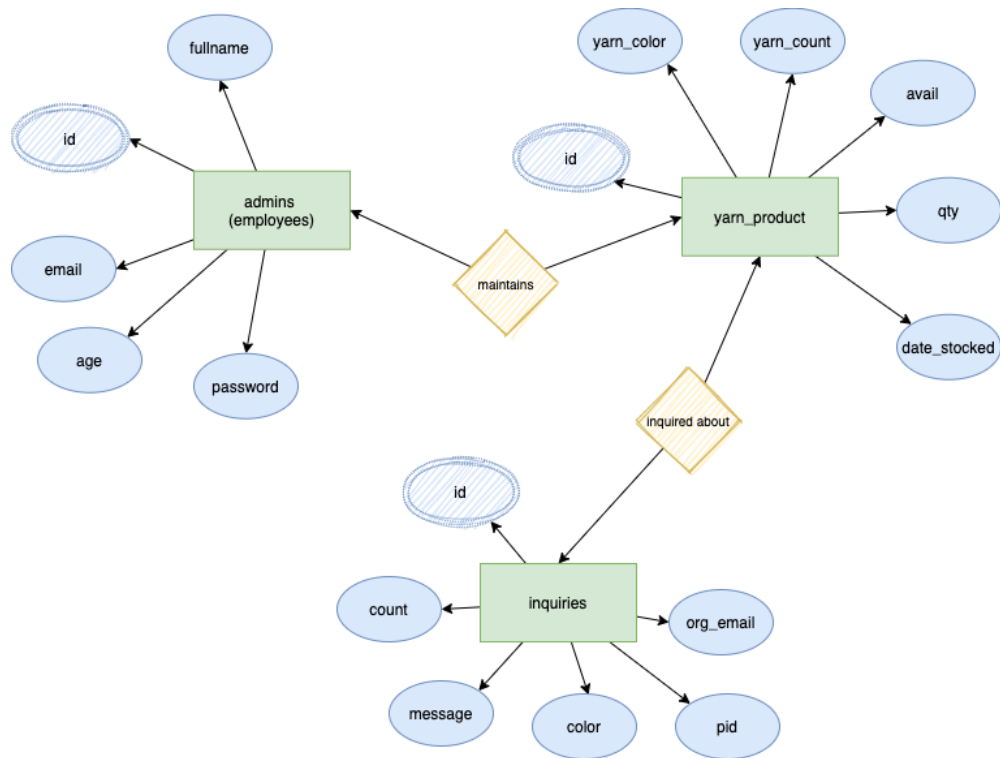
Yarn Product/Inquiry Manager

Functionalities:

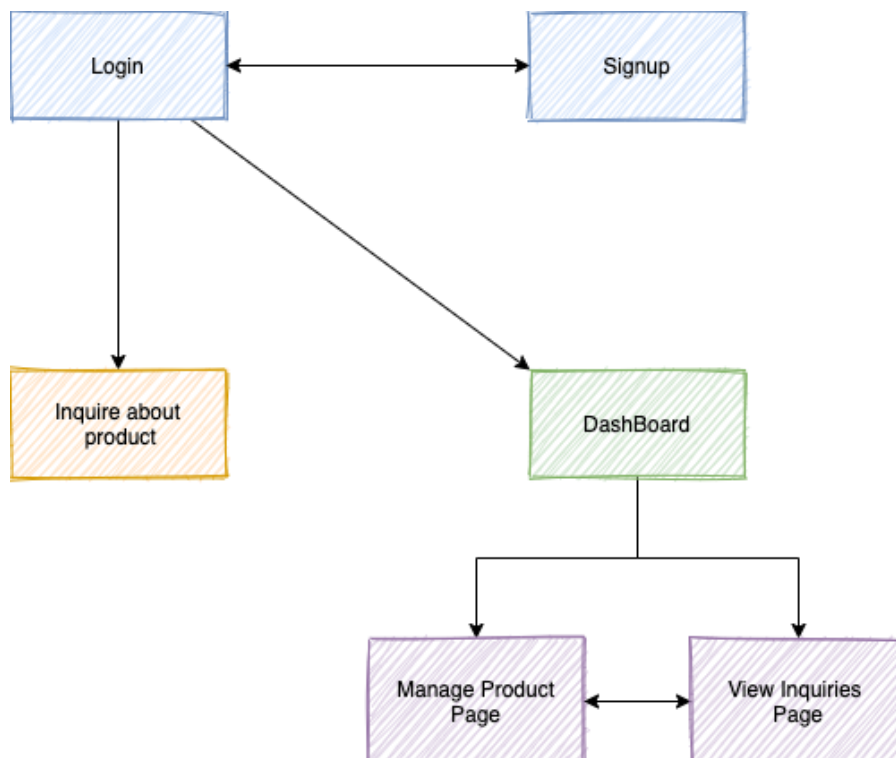
1. Login and Sign up module
2. Enter Product Information (here, Yarn -> used in a yarn trading company).
3. Constantly View and Update Product availability.
4. Monitor Total Available Stock.
5. Allow non-employees to create inquiries.
6. Allow employees to view and get back to inquiries.

The Source Code for the complete project can be found here: <https://github.com/sanjitk7/YarnInventoryJavaFX>

ER Diagram



Overall Flow:



Screenshots of the GUI Created:

Signup

Yarn Inventory Management

Manage your Yarn Stock

Sanjit Kumar

username or email

age

password

confirm password

Server is up : Good to go

Sign up

Or

Sign in

Signin

Yarn Inventory Management

Manage your Yarn Stock

Inquire about products:

Server is up : Good to go


password

Sign in

Or

Sign up

Products



Yarn Inventory Management

Adding Inventory Items

Yarn Trading Inventory Management

Added Successfully

ID	YARN_COLOR	YARN_COUNT	QUANTITY	AVAIL	DATE_STOCKED
5	Lemcn Yellow	10	25	Yes	2021-05-18
11	Magenta	20	50	Yes	2021-03-17
12	Ocean Blue	12	45	Yes	2021-03-04

Total Bags in Stock: 120


[Send Inquiry](#)

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Yarn Trading Inventory Management



Yarn Inventory Management

Manage your Yarn Stock

Server is up : Good to go

View Inquiry

[illegible]