DESIGN AND IMPLEMENTATION OF
Supplier Management System

BY

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This Report Presented in Partial Fulfillment of the Requirements.

Supervised By

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DHAKA, BANGLADESH

August 2021

DECLARATION

We hereby declare that this project has been done by us under the supervision of
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ACKNOWLEDGEMENTS

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software research project: 1. Project Lead Dwaipyan Mandal, 2. Md Anzam Hossen.

ABSTRACT

The supplier management system in java is a simple java project.
This system uses MySQL as database.
To run this project, you will require NetBeans IDE

About the system

This system in Java is easy to understand and handle. The System comes with two handlers. One is the admin and the other is the cashier. The admin has full access to the system. The admin can create as many cashiers he wants to. He also can view stocks and products. Moreover, he controls the transaction process in this system. Whereas, the cashiers can add products and can generate bills. Also, they can update and delete them later.

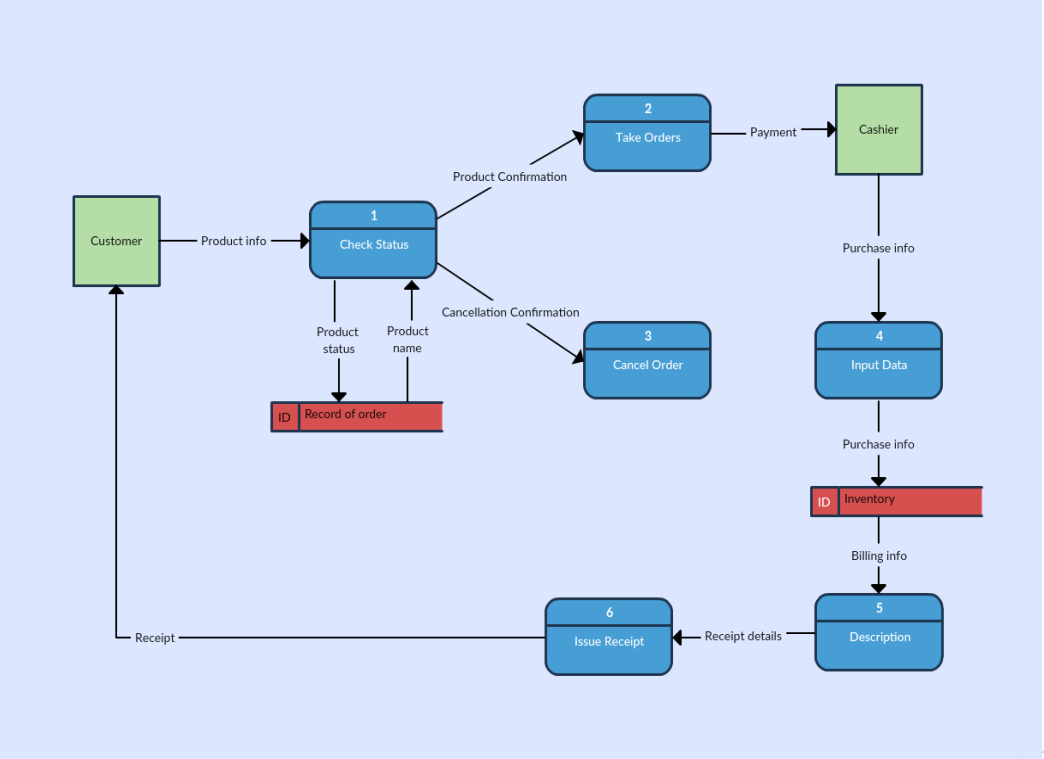
Benefits of using this system

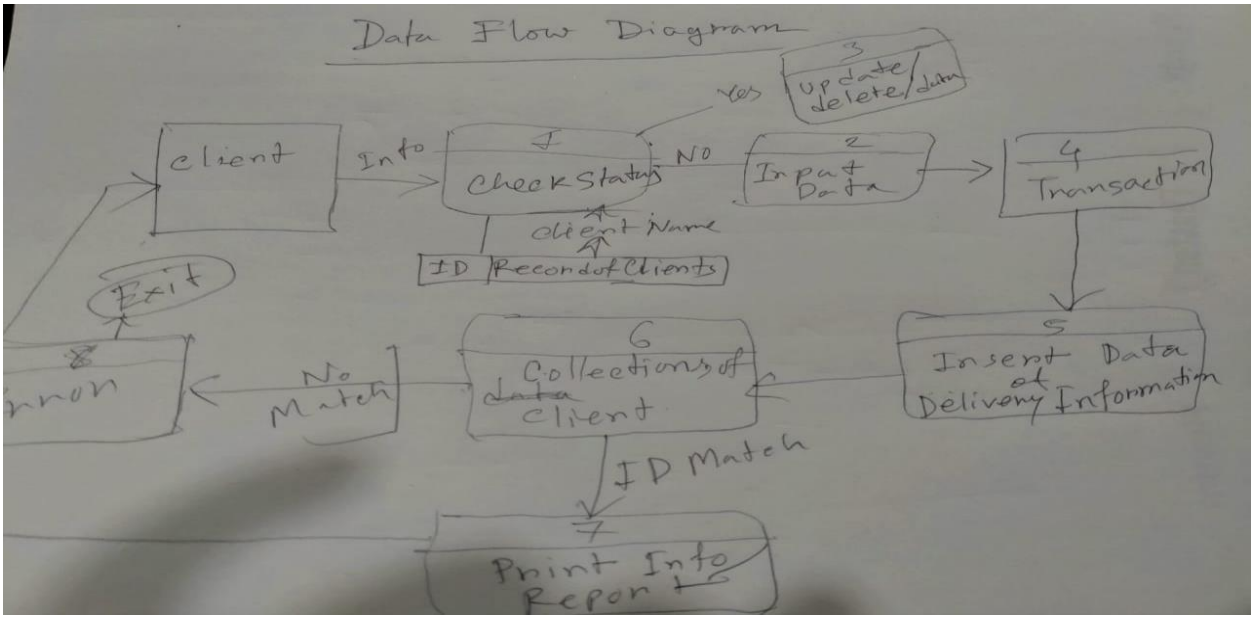
- *Better collaboration. ...*
- *Improved quality control. ...*
- *Higher efficiency rate. ...*
- *Keeping up with demand. ...*
- *Shipping optimization. ...*
- *Reduced overhead costs. ...*
- *Improved risk mitigation. ...*
- *Improved cash flow.*

What is future work and what are limitations

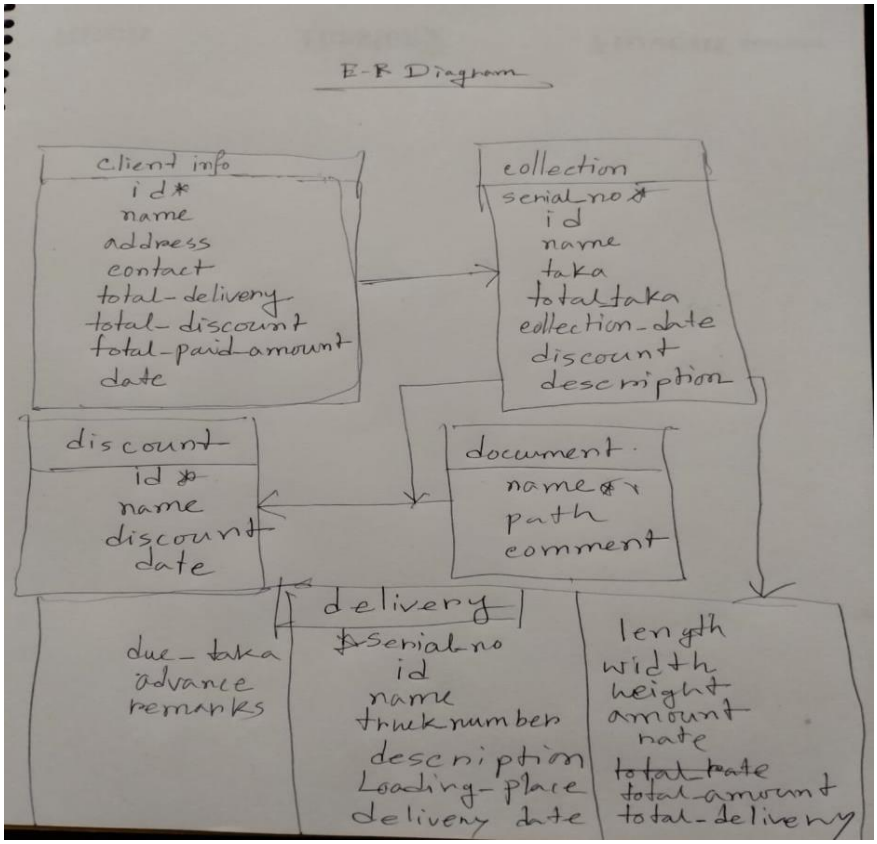
- About the admin panel and cashier panel we have tried to adjust but there are much more work to do but in future we can add these fetures inside this project.
  There are some limitations inside the project about validations.
  We have done as much as can we can.

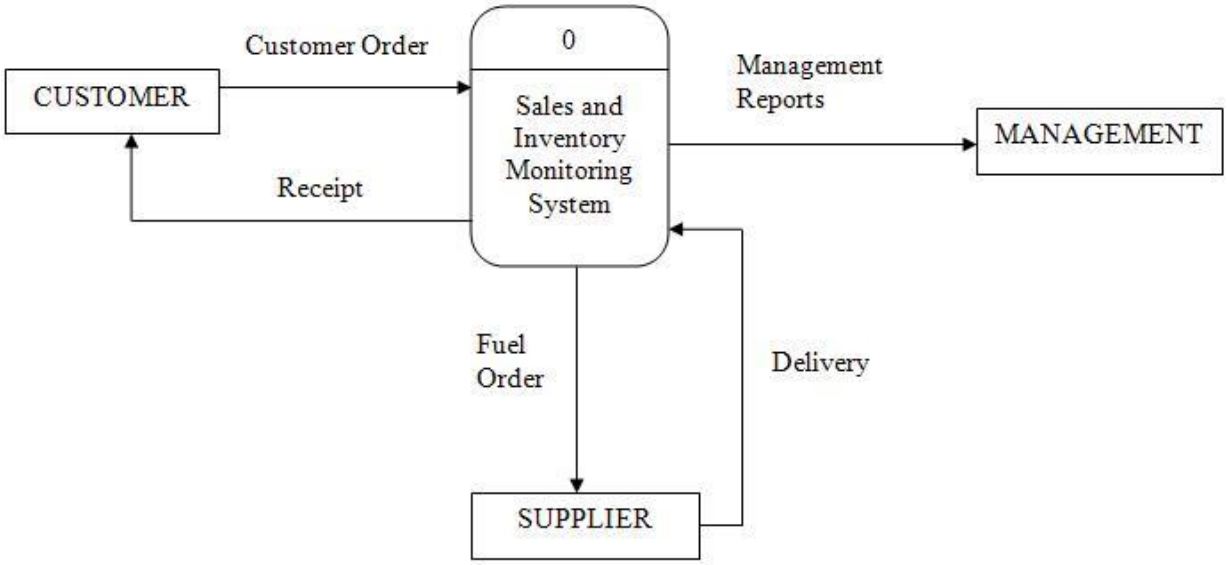
Data Flow Diagram

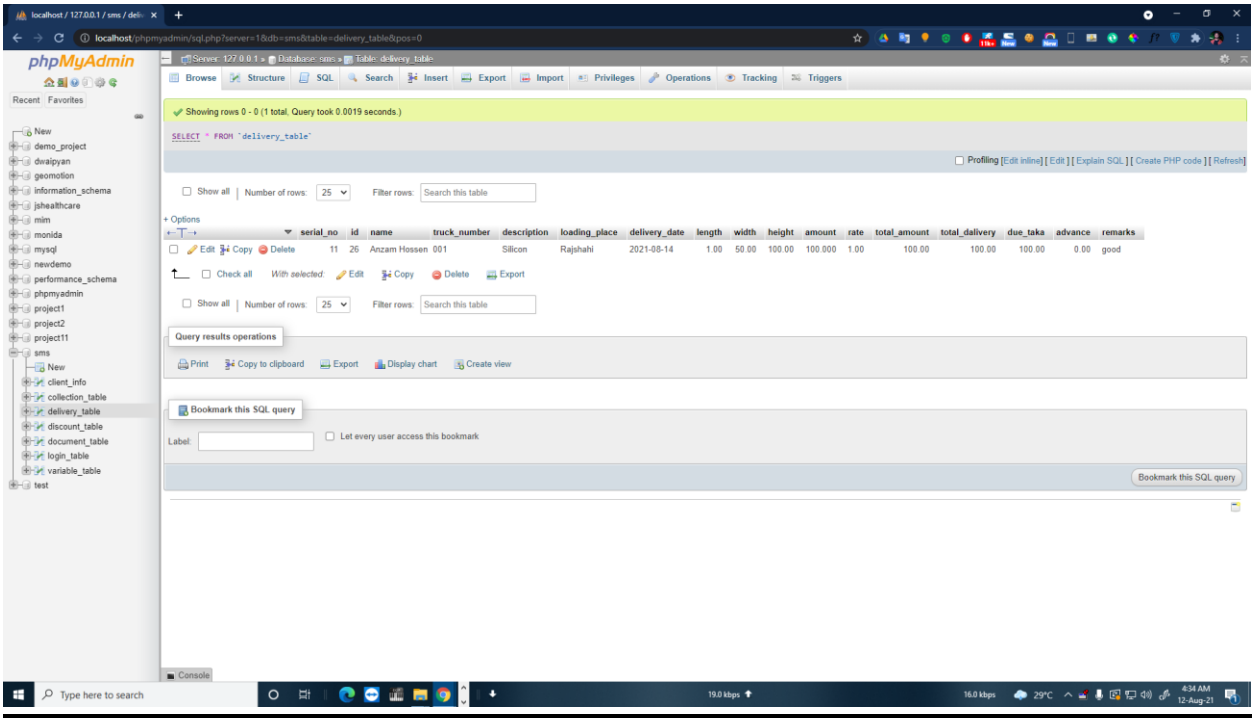




Entity relationship Diagram



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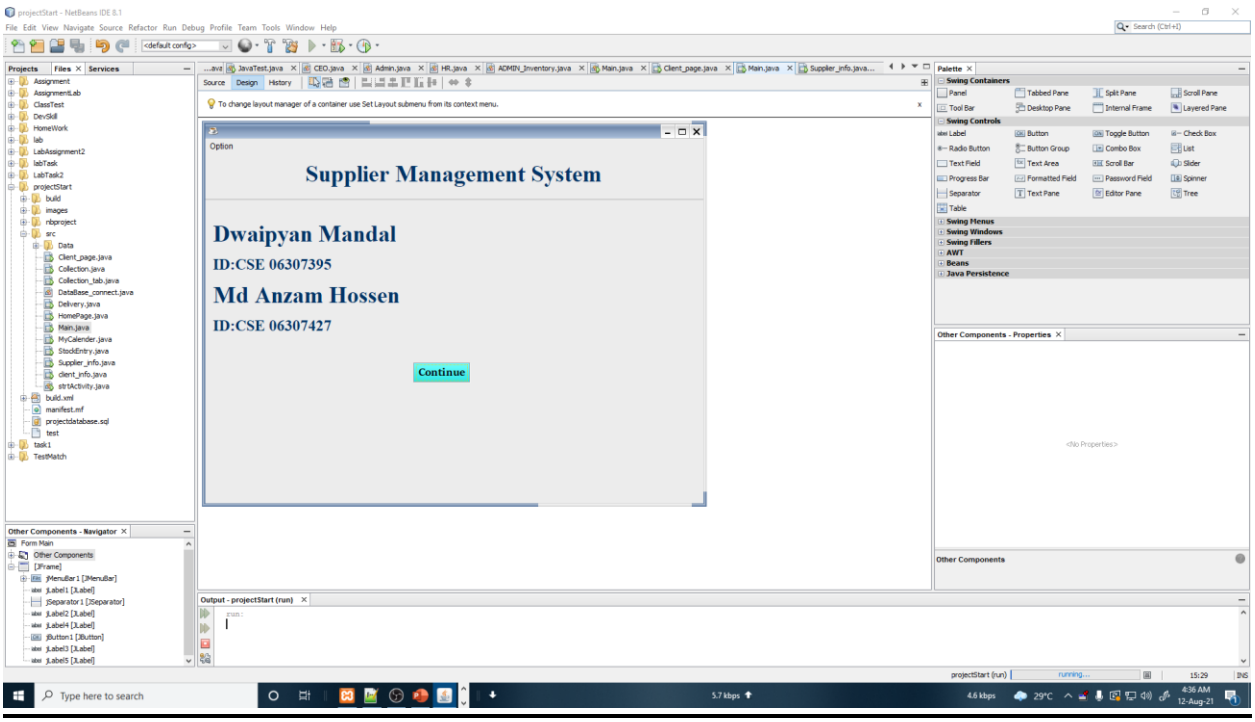
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Showing rows 0 - 0 (1 total, Query took 0.0019 seconds.)
SELECT * FROM `delivery_table`
serial_no id name truck_number description loading_place delivery_date length width height amount rate total_amount total_delivery due_taka advance remarks
11 26 Anzam Hossen 001 Silicon Rajshahi 2021-08-14 1.00 50.00 100.00 100.000 1.00 100.00 100.00 100.00 0.00 good
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console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Dwaipyan Mandal
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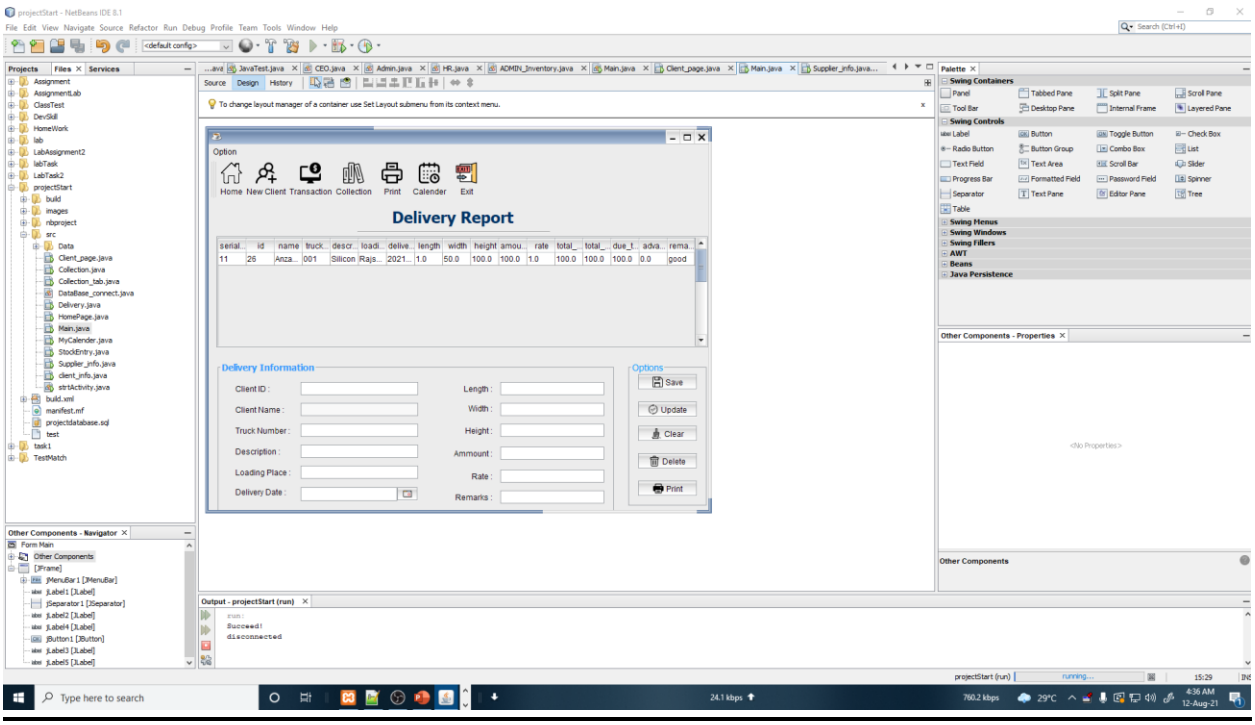
Md Anzam Hossen
ID:CSE 06307427
Continue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Home
New Client
Transaction
Collection
Print
Calender
Exit
Delivery Report
Delivery Information
Client ID :
Client Name :
Truck Number :
Description :
Loading Place :
Delivery Date :
Length :
Width :
Height :
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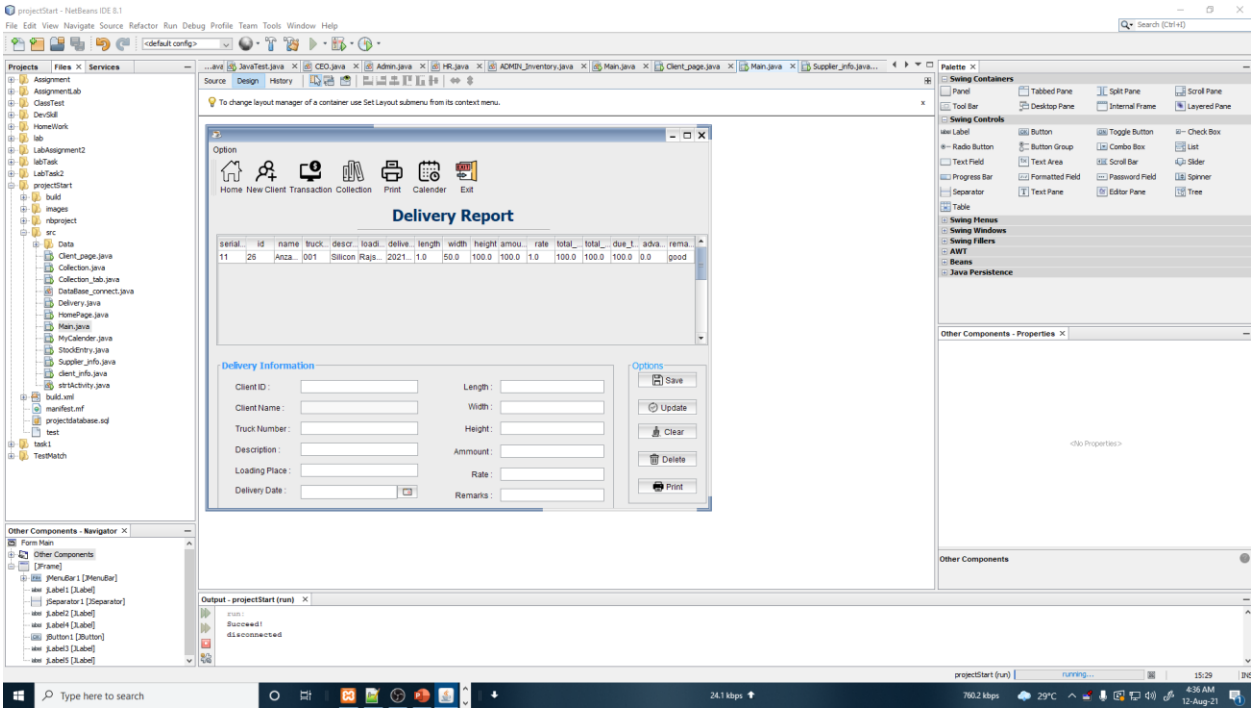
Options
Save
Update
Clear
Delete
Print
Output - projectStart (run)
run:
Succeed!
disconnected
Type here to search


Option
Home New Client Transaction Collection Print Calender Exit
Delivery Report
Delivery Information
Client ID :
Client Name :
Truck Number :
Description :
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Save
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Clear
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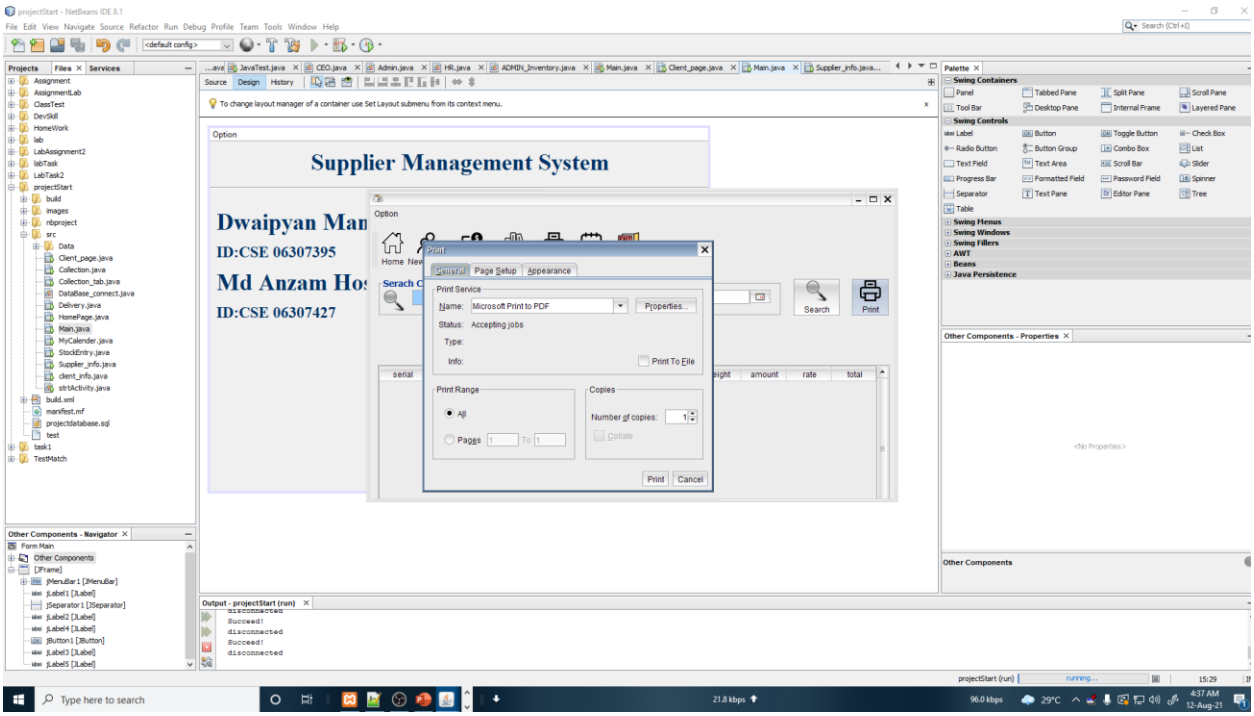
Supplier Management System
Dwaipyan Man
ID:CSE 06307395
Md Anzam Hos
ID:CSE 06307427
Print
Page Setup
Appearance
Print Service
Name: Microsoft Print to PDF
Properties...
Status: Accepting jobs
Type:
Info:
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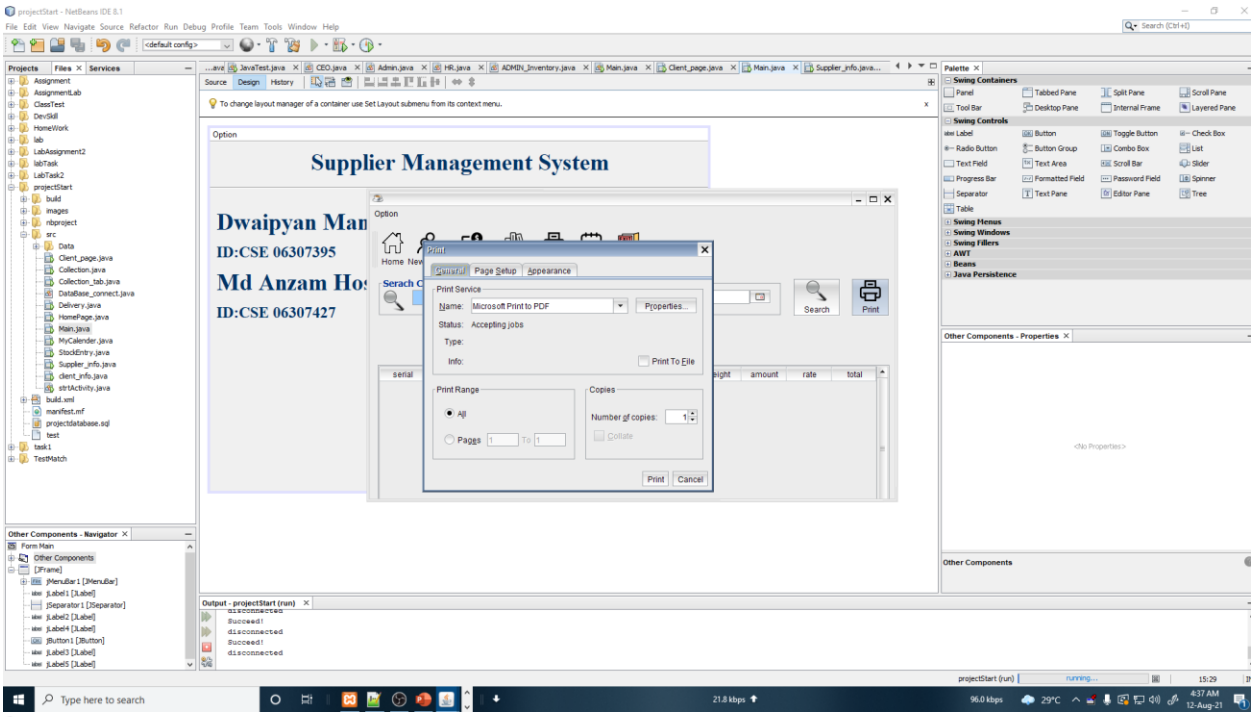
Print Range
All
Pages
Copies
Number of copies:
Collate
Print
Cancel
Search
Print


Supplier Management System
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Md Anzam Hos
ID:CSE 06307427
Print
General
Page Setup
Appearance
Print Service
Name: Microsoft Print to PDF
Properties...
Status: Accepting jobs
Type:
Info:
Print To File
Print Range
All
Pages
Copies
Number of copies:
Collate
Print
Cancel
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Print
Succeed!
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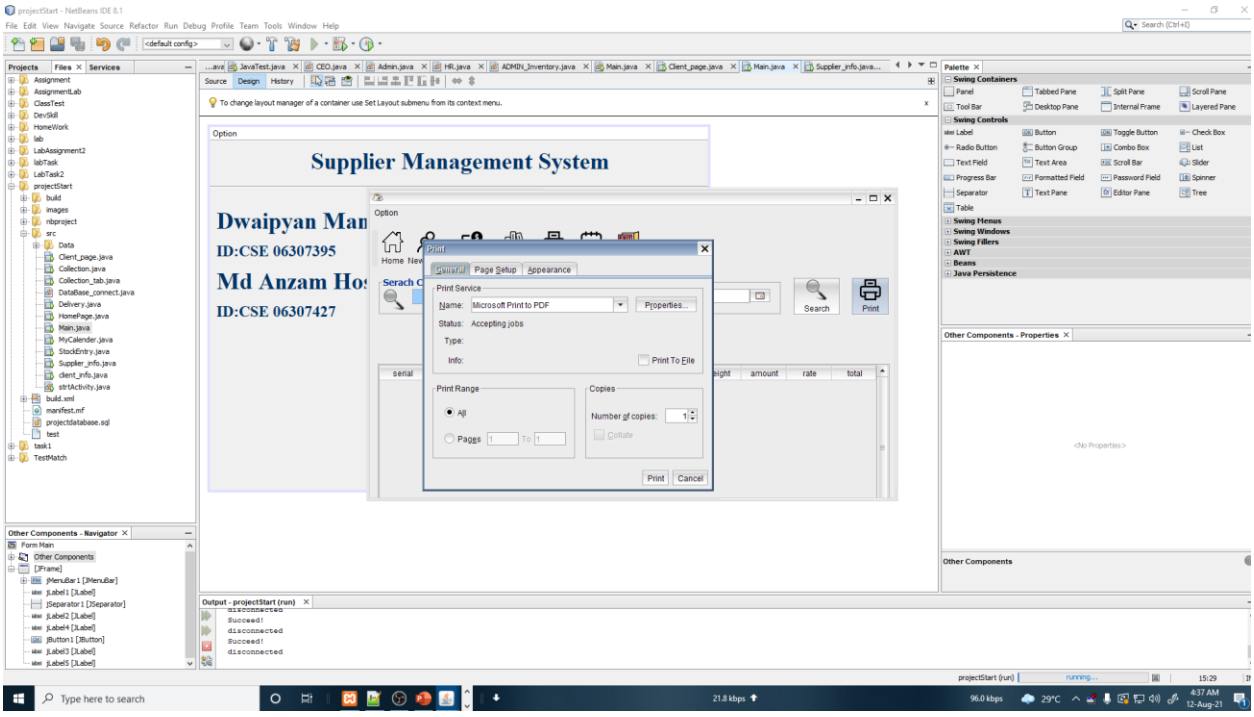
Supplier Management System
Dwaipyan Man
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Md Anzam Hos
ID:CSE 06307427
Print
General
Page Setup
Appearance
Print Service
Name: Microsoft Print to PDF
Properties...
Status: Accepting jobs
Type:
Info:
Print To File
Print Range
All
Pages
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Number of copies:
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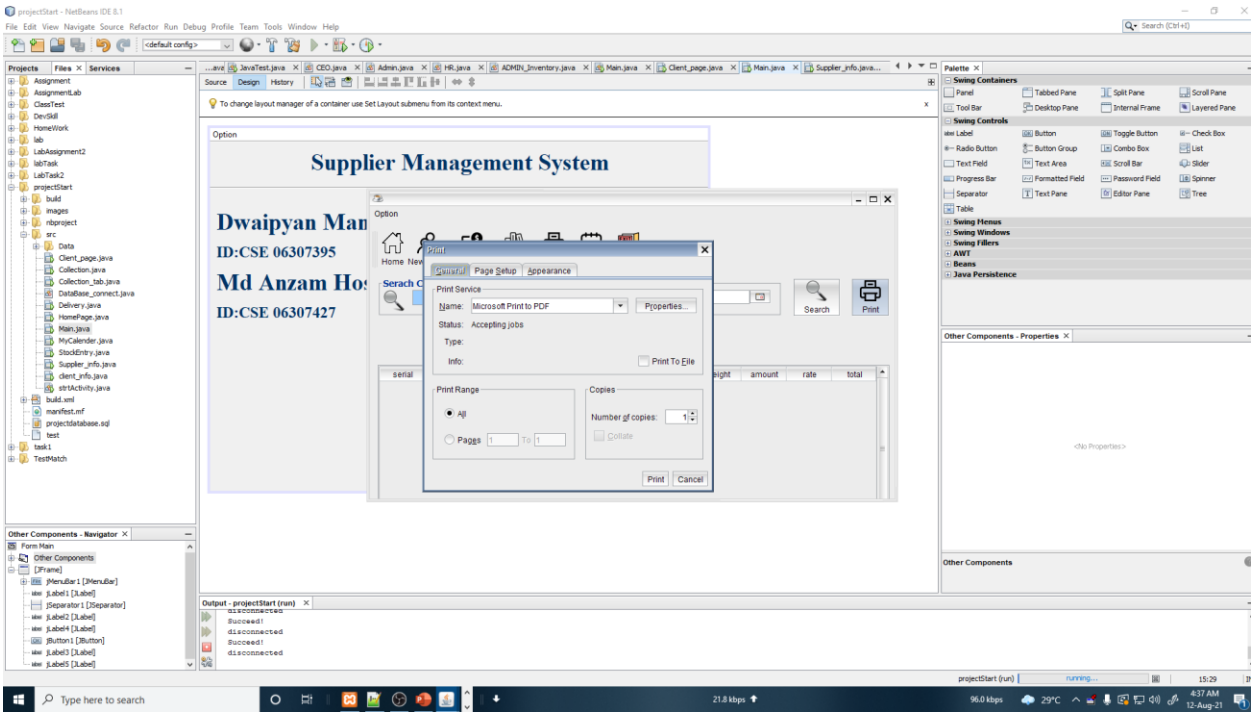
Supplier Management System
Dwaipyan Man
ID:CSE 06307395
Md Anzam Hos
ID:CSE 06307427
Print
Search
Print Service
Microsoft Print to PDF
Properties...
Status: Accepting jobs
Type:
Info:
Print To File
Print Range
All
Pages
Copies
Number of copies:
Collate
Print
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Other Components - Properties
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Succeed!
disconnected
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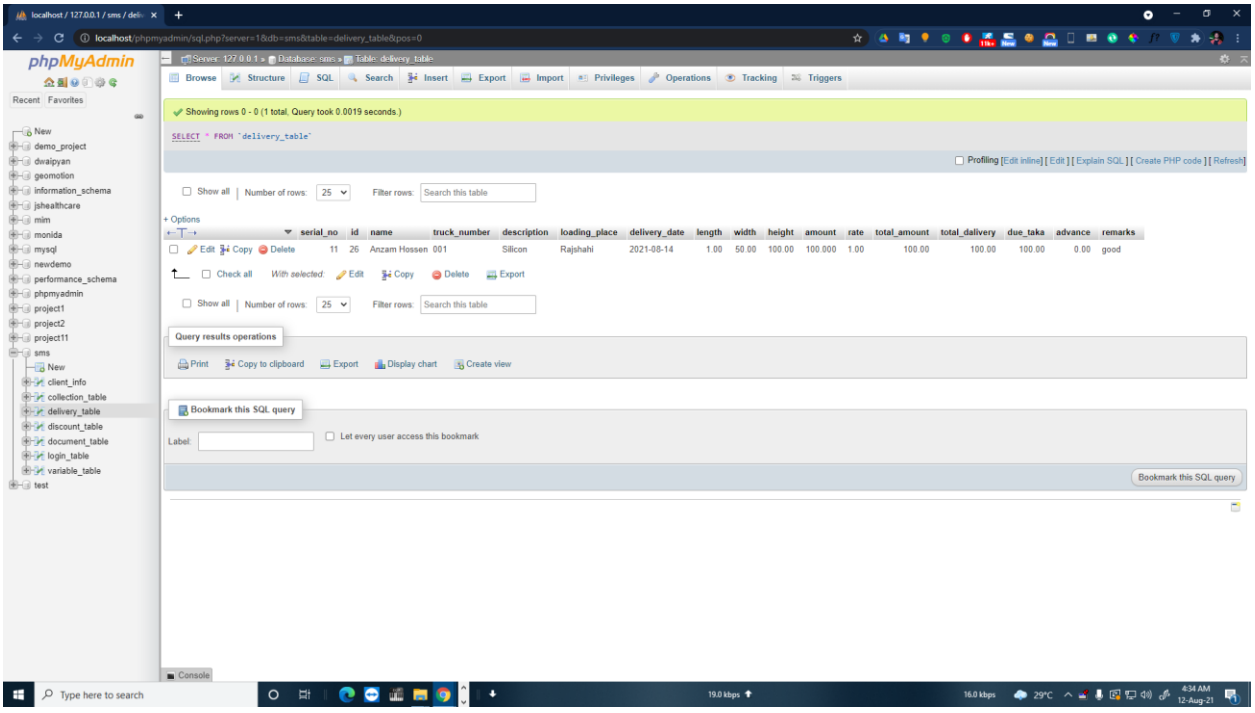
phpMyAdmin
Recent Favorites
New
demo_project
dwaipyan
geomotion
information_schema
jshealthcare
mim
monida
mysql
newdemo
performance_schema
phpmyadmin
project1
project2
project11
sms
New
client_info
collection_table
delivery_table
discount_table
document_table
login_table
variable_table
test
Server: 127.0.0.1 » Database: sms » Table: delivery_table
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Showing rows 0 - 0 (1 total, Query took 0.0019 seconds.)
SELECT * FROM `delivery_table`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
serial_no id name truck_number description loading_place delivery_date length width height amount rate total_amount total_delivery due_taka advance remarks
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Check all With selected: Edit Copy Delete Export
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Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console
Type here to search
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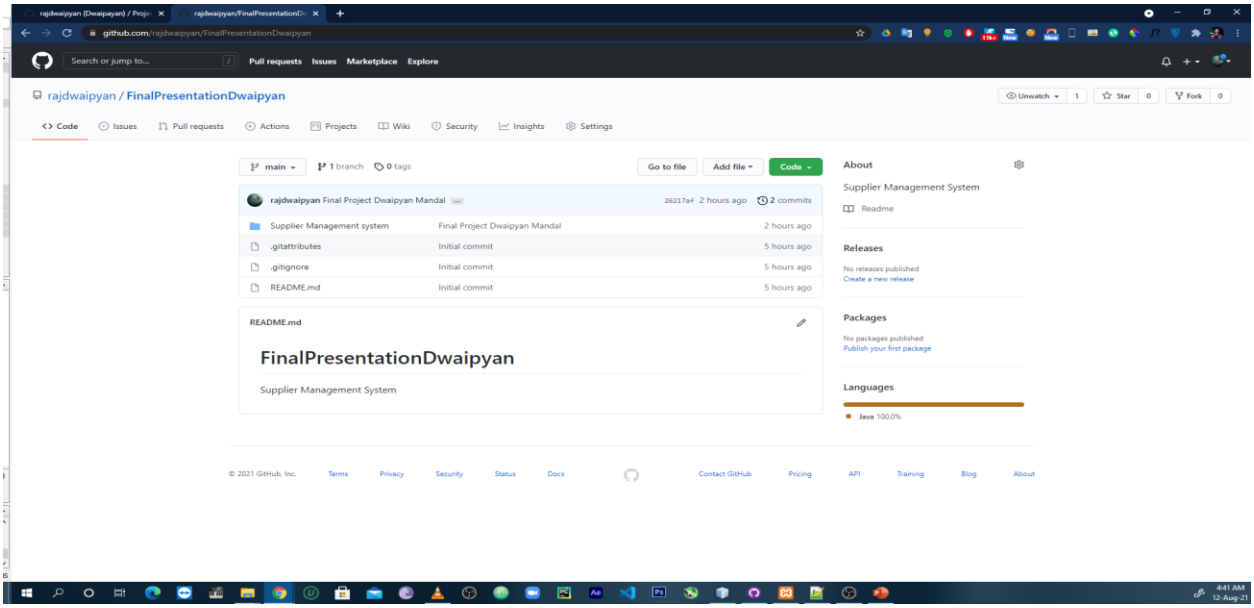
29°C
4:34 AM
12-Aug-21

GITHUB link

https://github.com/rajdwaipyan/FinalPresentationDwaipyan



Conclution

- The benefits of this systematic approach impacts areas ranging from product quality to order turn-around times. While all approaches to supplier management may eventually evolve, by taking account of the leanings provided in this course, developments in managing supply chains should become more robust and more sustainable.