Saburi Madur
October 17, 2024

Project Work

You are tasked with developing a desktop software application using JavaFX, implementing the MVC (Model-View-Controller) design pattern. The application should connect to a cloud-based database on Azure SQL using Azure Data Studio for database management. Your software should be capable of storing information collected from the software in the database.
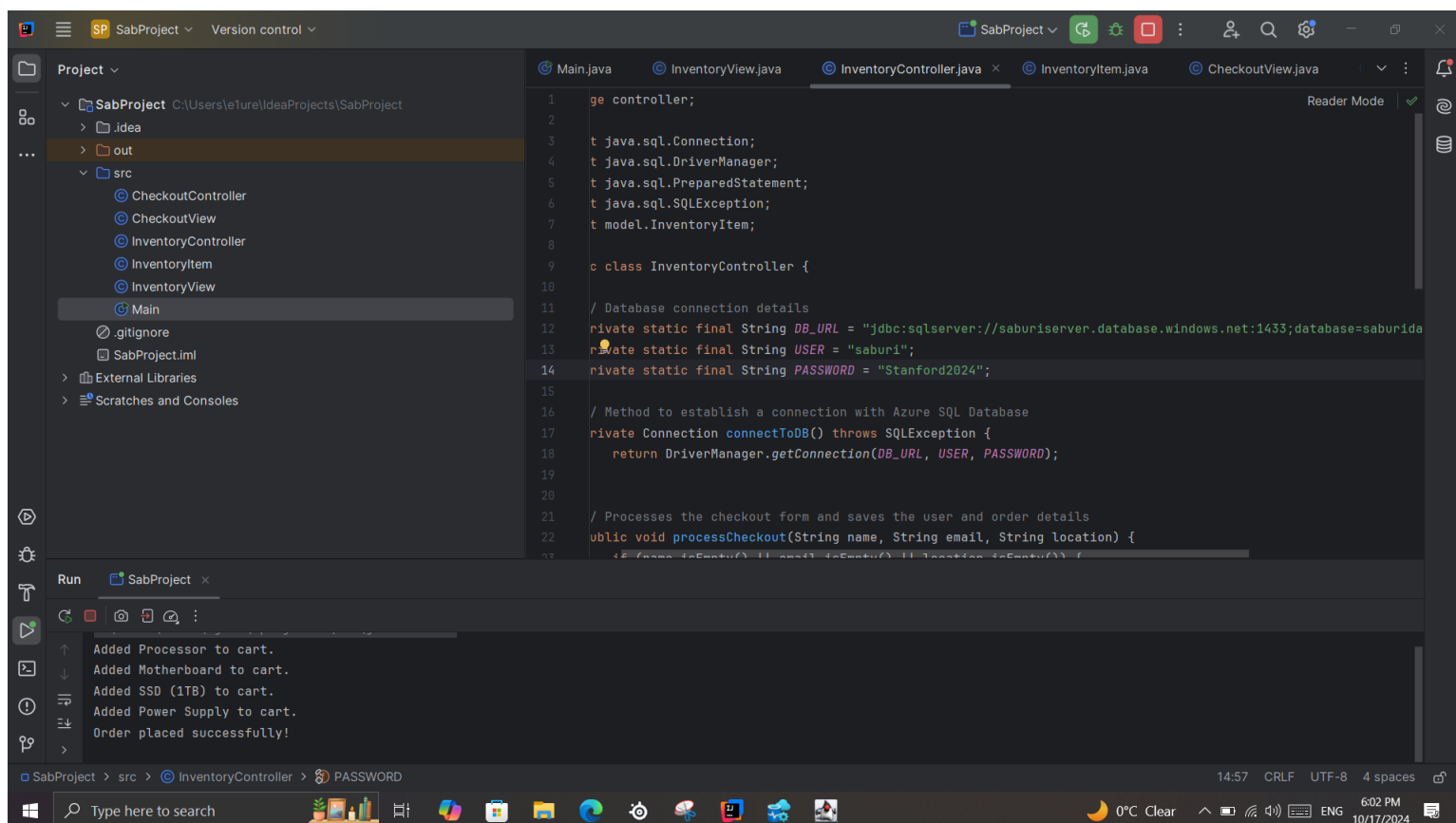When done, attach screenshots of your working software as well as your evidence of being able to use azure data studio to verify if the information from the software has been stored in the database. The zoom recording did the whole project from end to end so watch it well.
Zoom recording:
https://us06web.zoom.us/rec/share/5xFkvPXTZ2EKWTI6XSqAU9urgoGVCmDt3jBrbh89b9g4252wbByiX1WVVJep7uVH.mKq8L40TwiETO2HN

If you do face any errors while doing the work, send me an email.

Project work ends on Friday, 18th October 2024
All the best!

Inventory Management — □ ✕

Inventory Management

Part ...	S...	Add to...	
Processor	10	Add to Cart	
Graphics Card	5	Add to Cart	
Motherboard	7	Add to Cart	
RAM (16GB)	20	Add to Cart	
SSD (1TB)	15	Add to Cart	
Power Supply	8	Add to Cart	

Checkout

File   Edit   View   Help

🔍 Search

CONNECTIONS   ...

⌄ SERVERS

⌄ 🖳 saburiserver.database.windows.net, saburid...
  ⌄ 📁 Tables
    > ⊞ dbo.Orders
    ⌄ ⊞ dbo.Users   ✎ ↻
      > 📁 Dropped Ledger Tables
    > 📁 Views
    > 📁 Synonyms
    > 📁 Programmability
    > 📁 External Resources
    > 📁 Storage
    > 📁 Security

▷ Run □ Cancel ⊗ Disconnect ⟳ Change   Database: saburidatabase ⌄   ⫴ Estimated Plan ⫴ Enable Actual Plan ✓ Parse

SQLQuery_5 - (85) s...saburi   SQLQuery_6 - (89) s...saburi   SQLQuery_7 - (86) s...saburi   SQLQuery_8 - (90) s...saburi   SQLQuery_9 - (78) s...saburi ✕

```
1   SELECT TOP (1000) [user_id]
2        ,[name]
3        ,[email]
4        ,[location]
5   FROM [dbo].[Users]
```

Full-screen Snip

Results   Messages

	user_id ⌄	name ⌄	email ⌄	location ⌄
1	1	Saburi8	Saburi8@gmail.ca	Toronto

> AZURE

⊗ 0 ⚠ 0   Ln 1, Col 1   Spaces: 4   UTF-8   CRLF   1 rows   MSSQL   00:00:00   saburiserver.database.windows.net : saburidatabase (78) 🔔

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CONNECTIONS   ...

SERVERS

saburiserver.database.windows.net, saburid...

Tables

> ▦ dbo.Orders

> ▦ dbo.Users

Dropped Ledger Tables

> Views

> Synonyms

> Programmability

> External Resources

> Storage

> Security

> AZURE

SQLQuery_3 - (69) s...saburi   SQLQuery_4 - (77) s...saburi   SQLQuery_5 - (85) s...saburi   SQLQuery_6 - (89) s...saburi   SQLQuery_7 - (86) s...saburi

▷ Run ☐ Cancel Disconnect Change   Database: saburidatabase ▾   Estimated Plan Enable Actual Plan ✓ Parse

```
1    SELECT TOP (1000) [order_id]
2          ,[user_id]
3          ,[part_name]
4          ,[quantity]
5          ,[order_date]
6      FROM [dbo].[Orders]
```

Full-screen Snip

Results   Messages

	order_id ▾	user_id ▾	part_name ▾	quantity ▾	order_date ▾
1	1	1	Processor	2	2024-10-17 21:59:08.600
2	2	1	Graphics Card	1	2024-10-17 21:59:08.853

⊗ 0 ⚠ 0   Ln 1, Col 1   Spaces: 4   UTF-8   CRLF   2 rows   MSSQL   00:00:00   saburiserver.database.windows.net : saburidatabase

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