



UNIVERSITI  
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## **TFB1033/TEB1043:Object Oriented Programming**

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**Documentation:**

**Abdullah DirectSelling**

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# **INTRODUCTION**

In today's fast-paced world, businesses need reliable digital platforms to stay competitive. Our project aims to enhance the direct selling experience by integrating modern technology with traditional sales strategies.

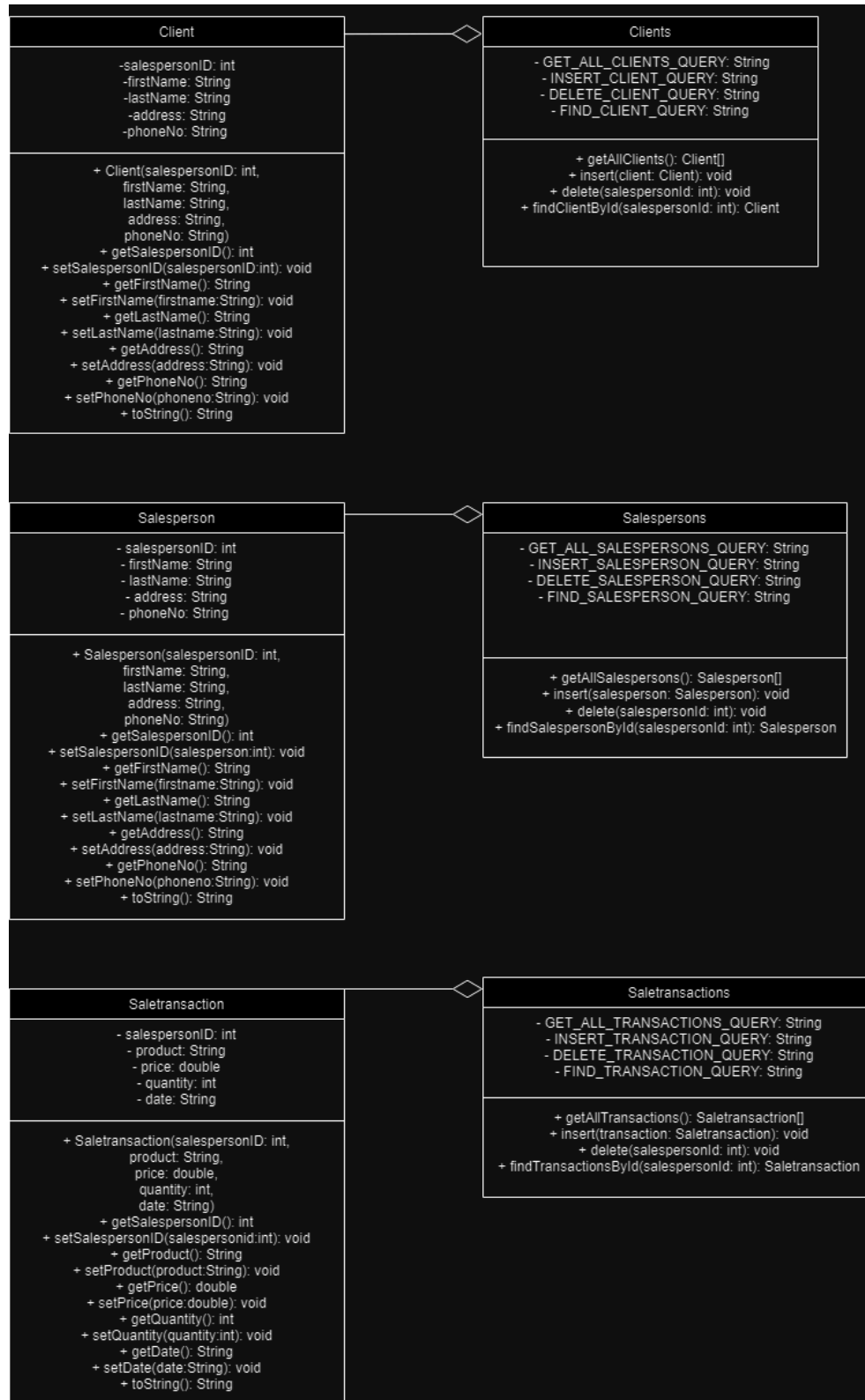
Our approach involves a dedicated team of salespeople who connect directly with consumers. Each salesperson manages their own inventory and sales records, with information such as name, ID, email, and phone number collected to ensure effective management and communication.

Our project focuses on optimizing performance, ensuring cross-platform compatibility, enabling efficient inventory management, providing reliable support, and designing a user-friendly interface using JavaFX. With SQL for data storage, we ensure robust and reliable information management, making data retrieval and updates seamless. Join us as we explore how our technology is set to transform the direct selling landscape, creating a secure and smooth experience for everyone involved.

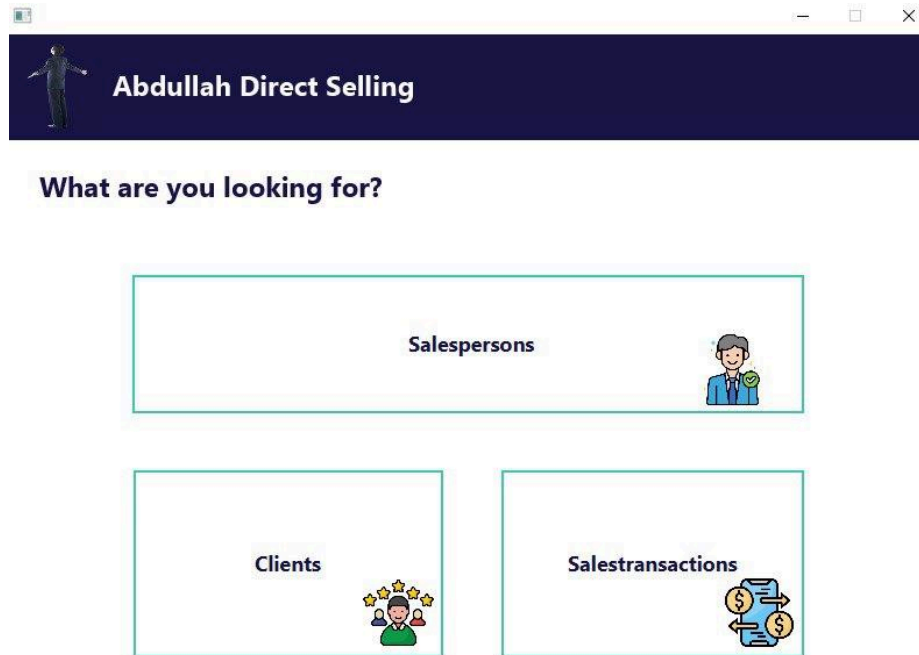
# **OBJECTIVE**

1. **Enhance Sales Tracking and Management:** Develop a comprehensive system to manage salesperson, client, and transaction information. Ensure that each salesperson's inventory is up-to-date and their sales records are accurately maintained, allowing for effective tracking and management of sales activities.
2. **Optimize Performance:** Implement efficient data management and retrieval processes to minimize load times and provide a smooth, responsive user experience across all platforms.
3. **Ensure Cross-Platform Compatibility:** Guarantee that the e-commerce platform is compatible with a wide range of devices and browsers to maximize accessibility and reach a broader audience.
4. **Enable Efficient Inventory Management:** Design systems for real-time inventory tracking, automated stock replenishment, and seamless order fulfillment to reduce stockouts and enhance customer satisfaction.
5. **Provide Reliable Support and Maintenance:** Establish protocols for ongoing maintenance, updates, and technical support to address issues promptly and ensure the long-term success of the platform.
6. **Design a User-Friendly Interface:** Create an intuitive and accessible interface that enhances the user experience by making navigation and transactions straightforward and enjoyable for all users.


# UML DIAGRAM




# **GRAPHICAL USER INTERFACE (GUI)**



**Abdullah Direct Selling's Main Menu**


**Abdullah Direct Selling**

### List of Clients



First Name	Last Name	Address	Phone No	Salesperson ID
No content in table				

SP ID:


Phone No:

First Name:


Address:

Last Name:

## Client's Menu


**Abdullah Direct Selling**

### List of Salespersons



Salesperson ID	First Name	Last Name	Address	Phone No
No content in table				

SP ID:


Phone No:

First Name:


Address:

Last Name:

## Salesperson's Menu

**Abdullah Direct Selling**

### List of Salestransactions



Salesperson ID	Product	Quantity	Price (RM)	Date
No content in table				

SP ID:

Price:

Product:

Date:

Quantity:

**Sales Transaction's Menu**



## **CONCLUSION**

In conclusion, our direct selling client-server project brings together modern technology and traditional sales methods to provide a comprehensive solution for businesses. By using SQL for data storage, we ensure reliable management of information, enabling seamless data retrieval and updates.

Our system supports sales tracking and management, giving salespeople the tools they need to manage their inventory and sales records effectively. The user-friendly interface, developed with JavaFX, ensures a smooth experience, increasing customer satisfaction.

By optimizing performance, ensuring cross-platform compatibility, and enabling efficient inventory management, we have created a platform that meets the needs of sales teams. With reliable support and maintenance protocols, our platform is designed for long-term success, addressing issues quickly and maintaining smooth operations.

This innovative solution is set to transform the direct selling landscape, helping businesses excel while maintaining the personal touch of direct sales.

## **REFERENCE**

Our code repository on GitHub: <https://github.com/2afin/abdullah-directselling>

Youtube Screen Capture: [https://youtu.be/D9IN8Y5\\_co4](https://youtu.be/D9IN8Y5_co4)