

# PERSONAL DATA MANAGEMENT SYSTEM

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# ABSTRACT

- In the digital age, managing personal data securely is essential. This project introduces a Personal Data Management System (PDMS) that empowers individuals to organize their data effectively.
- The PDMS offers secure data storage, user-friendly interfaces, customizable privacy settings, and tools for consent-based data sharing.
- It complies with regulations like GDPR and CCPA. The system features data analytics for insights and supports integration with external services.
- By providing intuitive controls and transparency, the PDMS enhances user empowerment and data security, offering a reliable solution for personal data management in a connected world.

# OBJECTIVES

- The primary goal of this project is to design and implement a robust Personal Information Management System (PIMS) that empowers users to securely manage their personal data.
- The system should provide features like user registration, authentication, data storage, consent management, privacy settings, and compliance with data protection regulations.





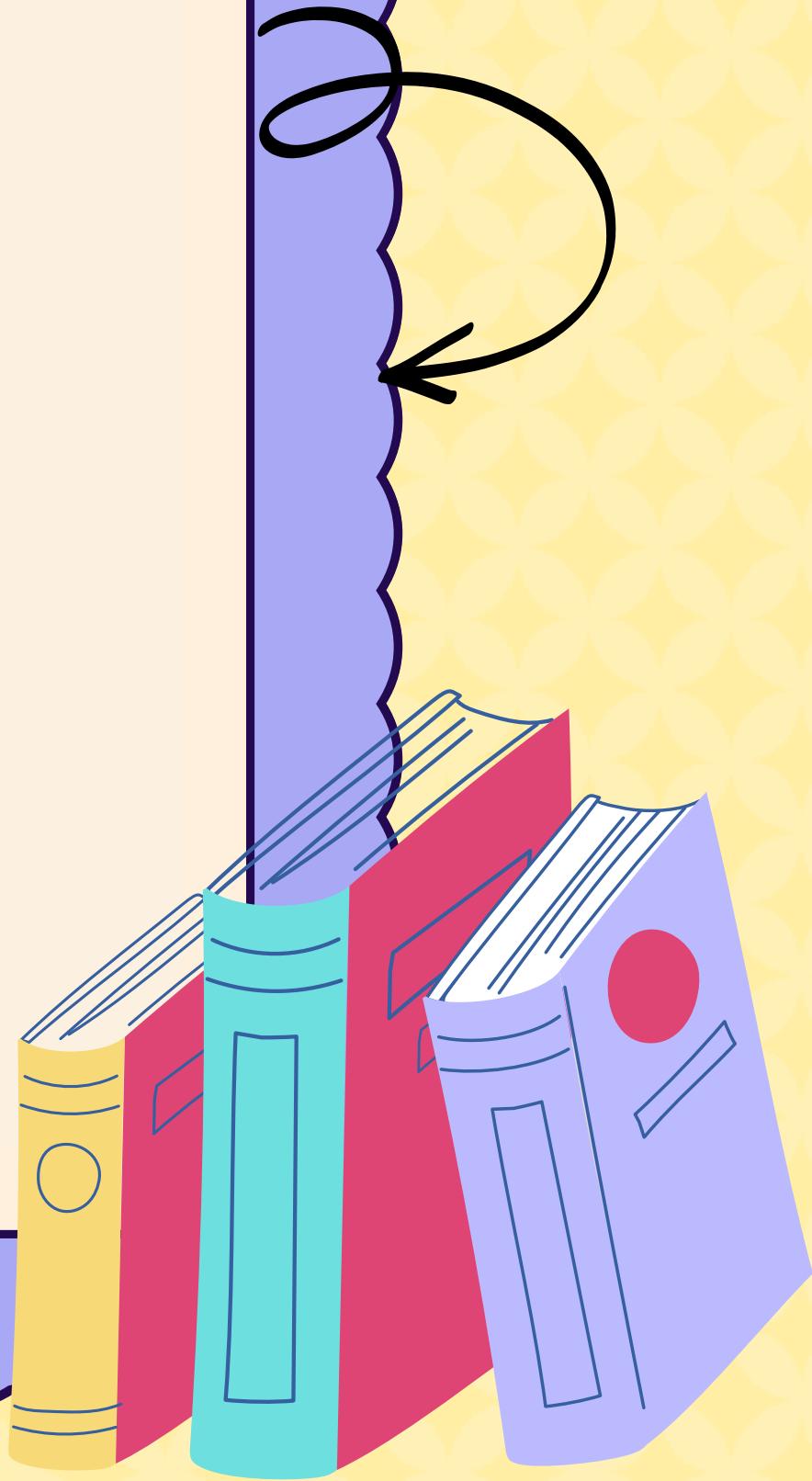
# KEYWORDS

- Personal Data Management
- Data Privacy
- Data Security
- GDPR
- CCPA
- Encryption
- Data Analytics
- User Empowerment
- Interoperability
- Data Integration

# PROPOSED SOLUTION

- a PIIM that allows users to manually enter and manage their personal data securely
- User-Friendly Interfaces
- Customizable Privacy Settings
- Consent-Based Data Sharing
- Regulatory Compliance (GDPR, CCPA)
- Data Analytics for Insights
- Interoperability with External Services
- \*User Empowerment through Intuitive Controls
- Transparency and Accountability
- Secure Storage

This ensures secure, efficient, and user-centric personal data management.



# FUTURE SCOPE

01

Advanced Security Features:  
Multi-factor authentication and  
biometrics

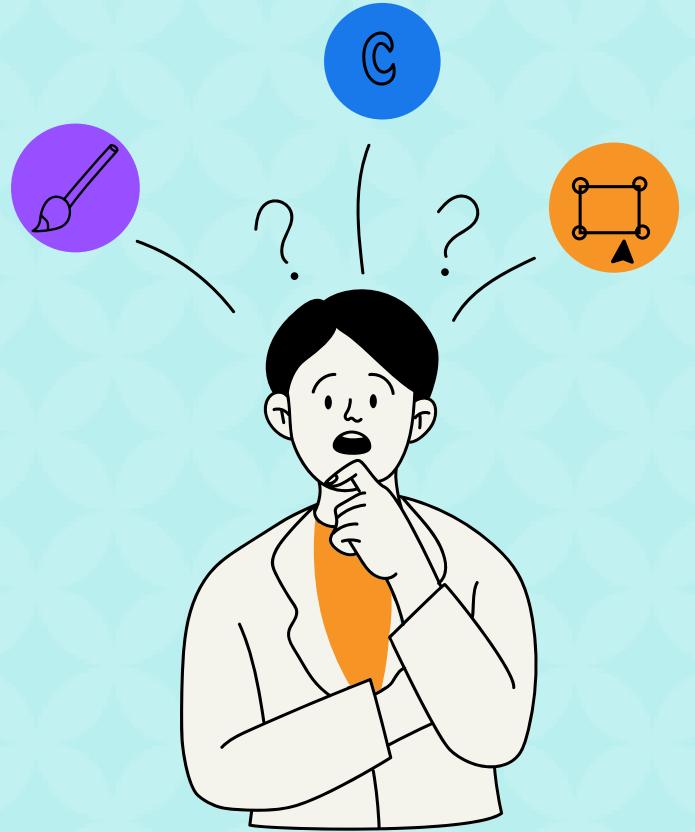


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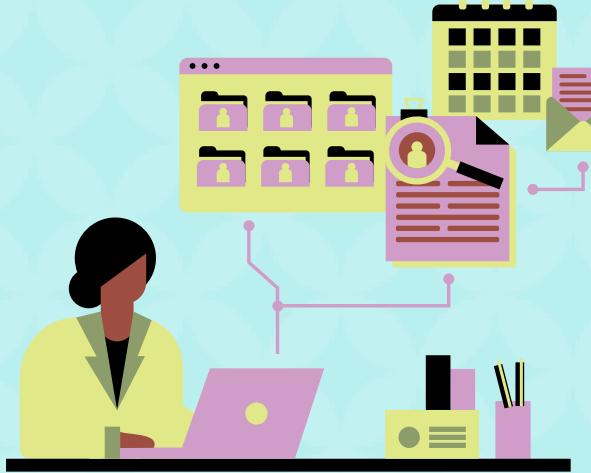
AI and Machine Learning:  
Predictive analytics and recommendations

03

Blockchain Integration:  
Immutable audit trails  
Cross-Platform Support: Broader device compatibility



# TECHNOLOGY STACK



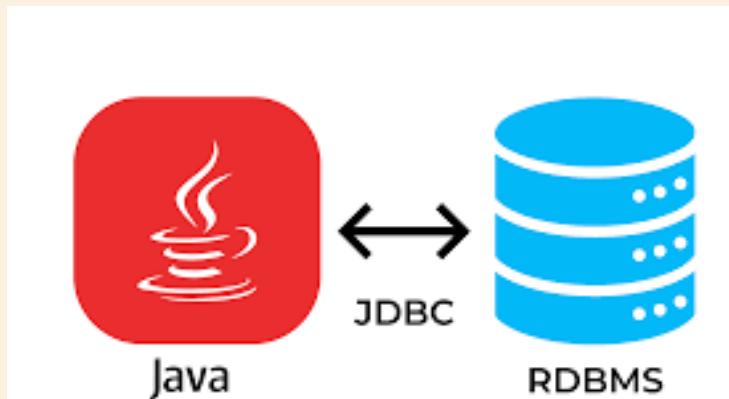
## FRONT END

-- java swing



## BACKEND

--Java for logic  
jdbc for connectivity

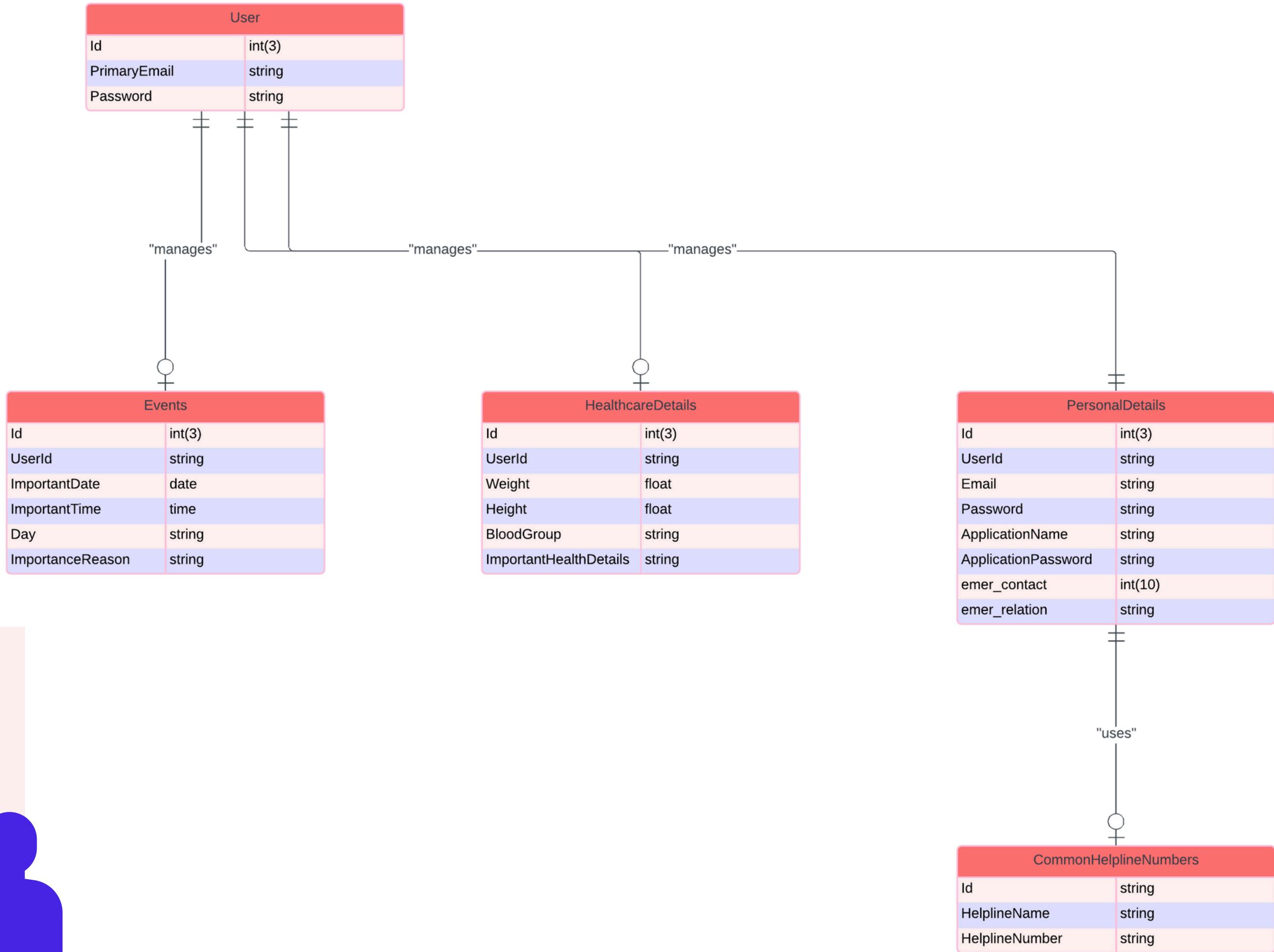
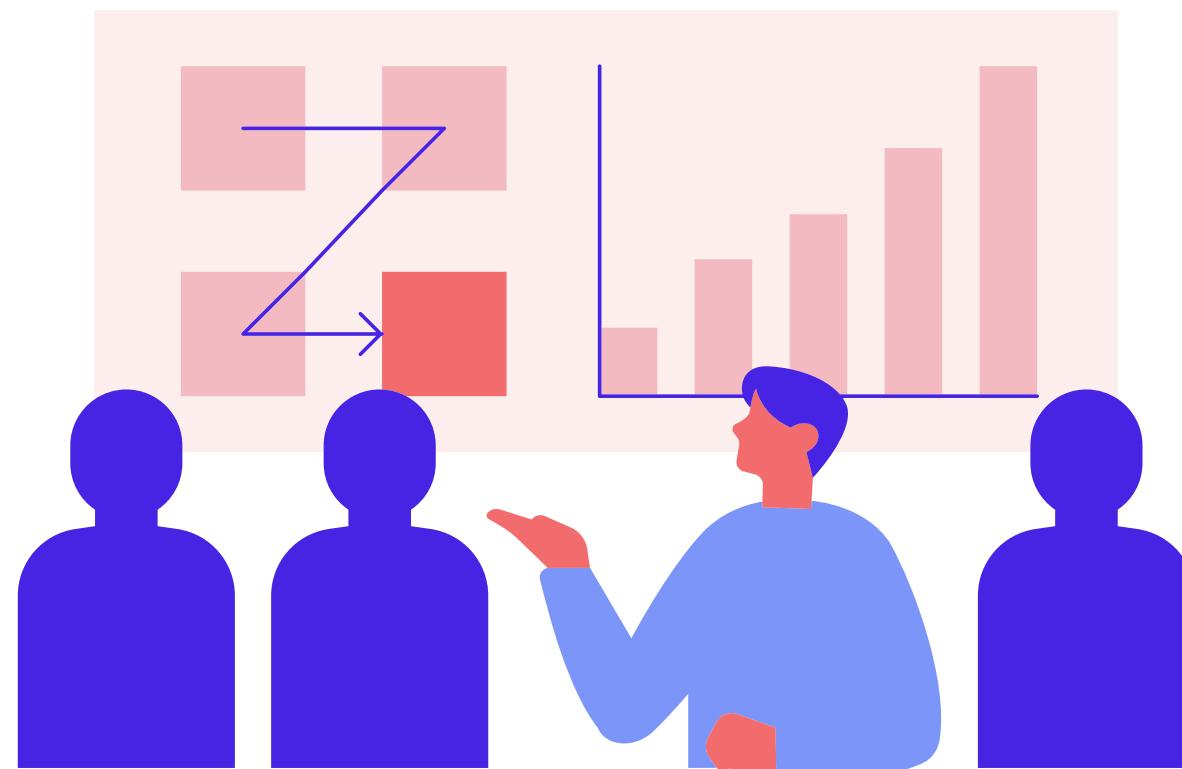
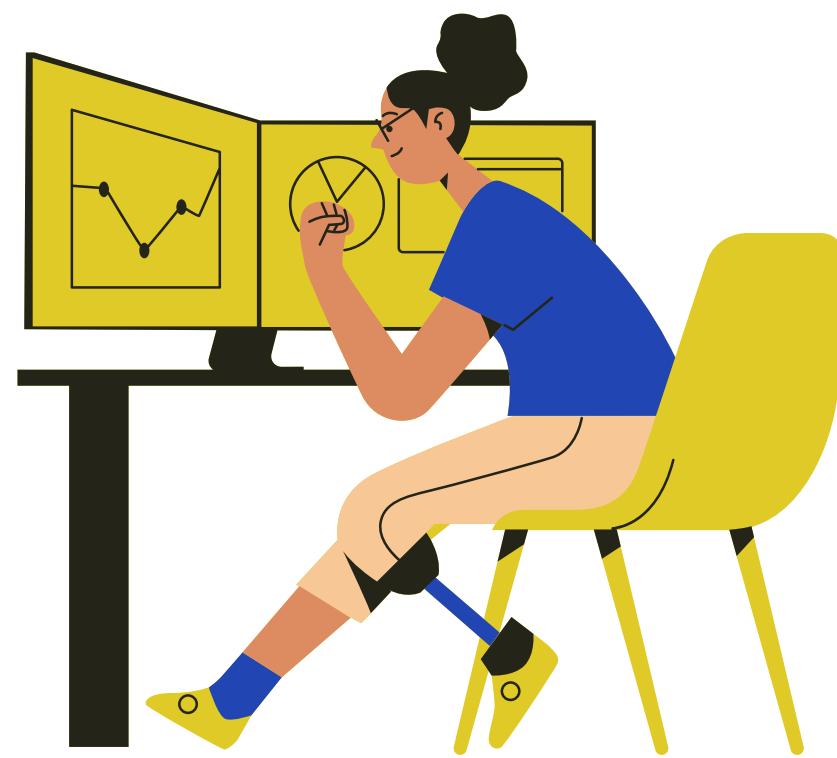


## DATABASE

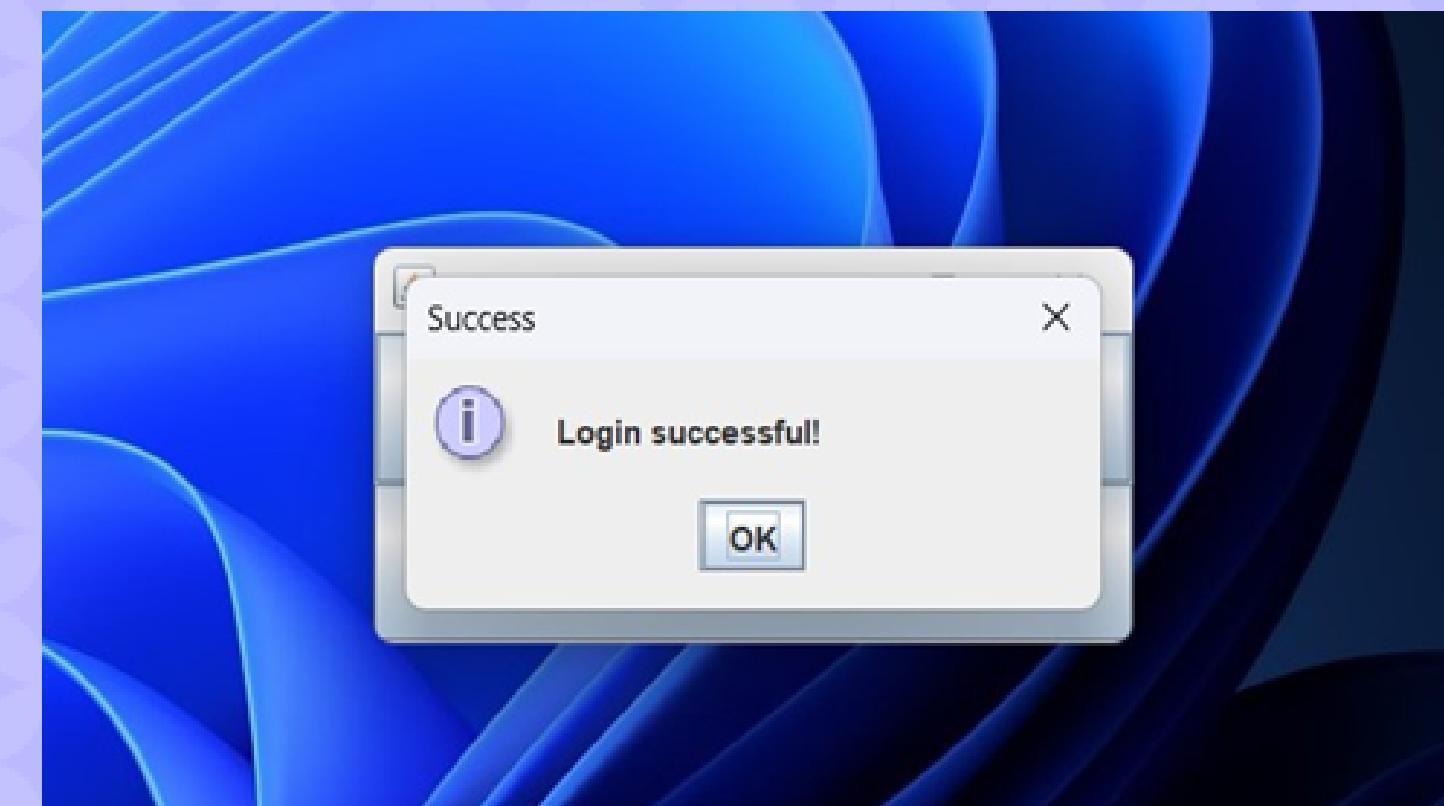
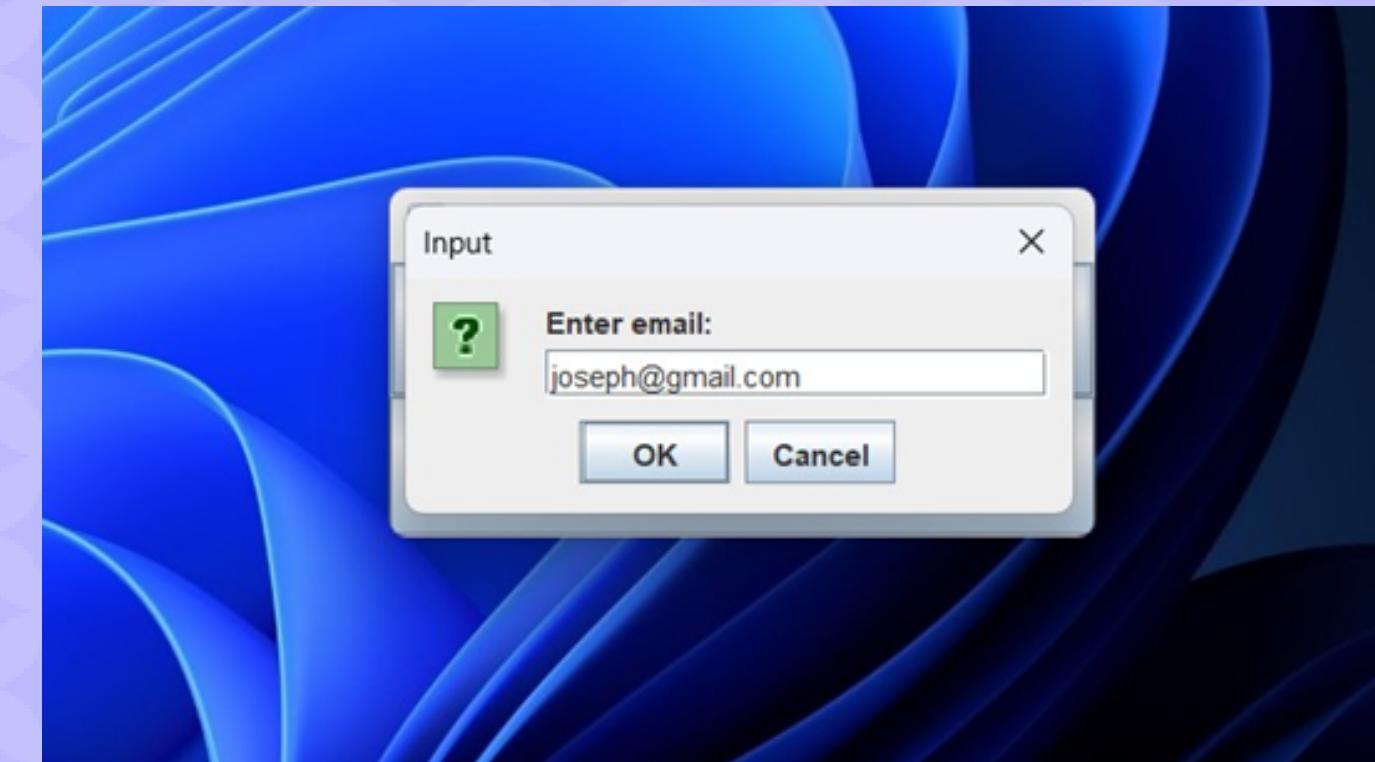
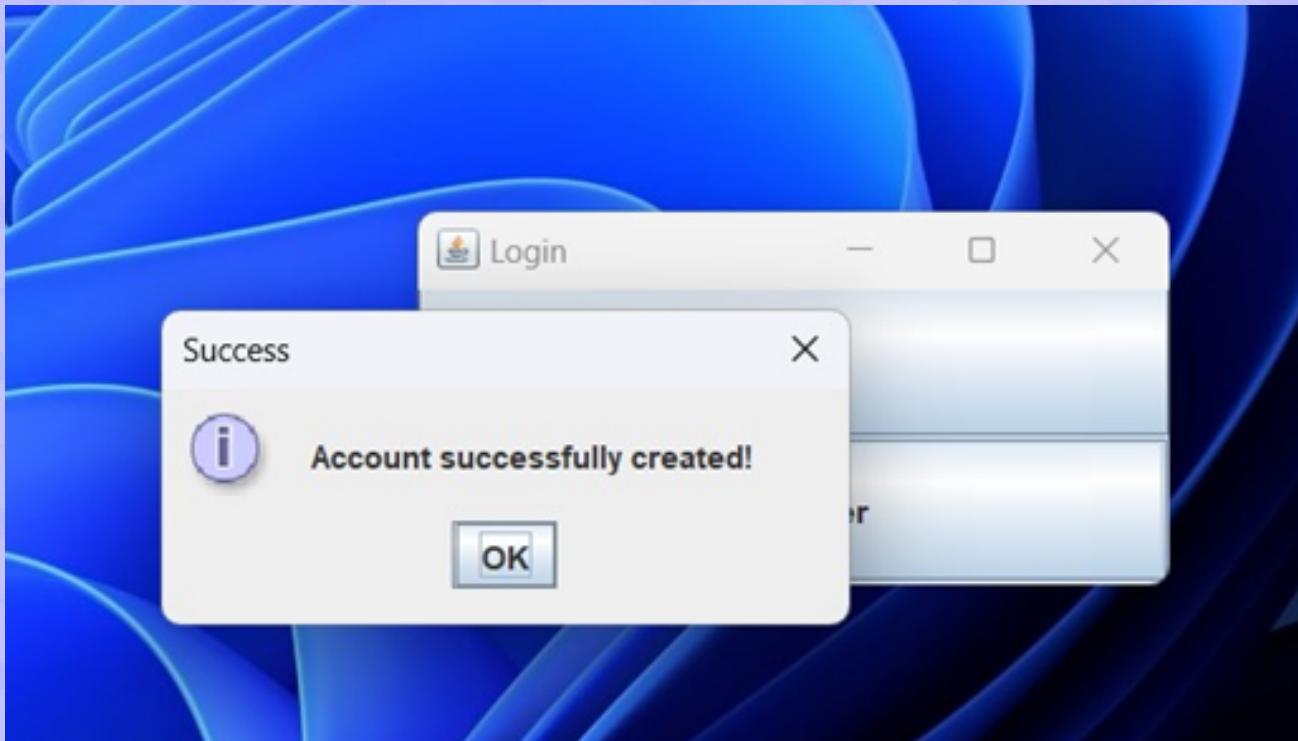
Language - SQL  
Platform - MySQL



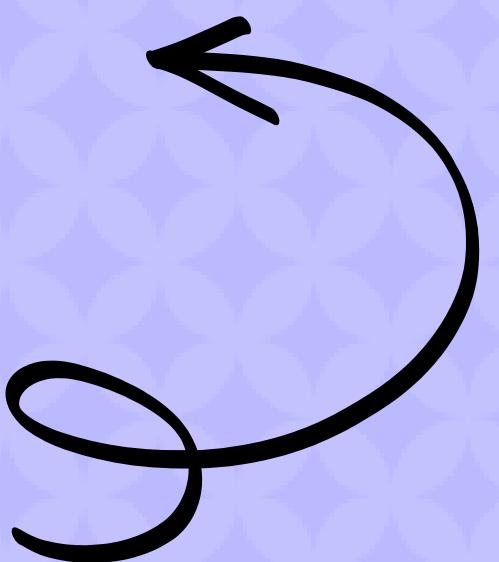
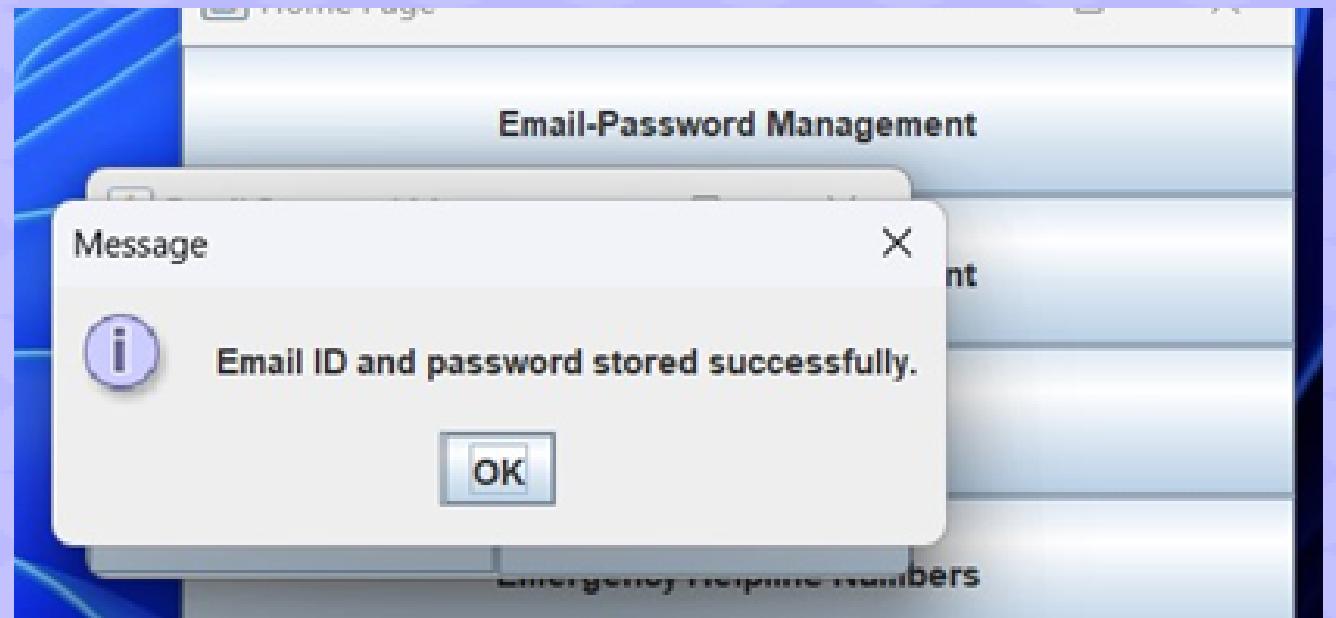
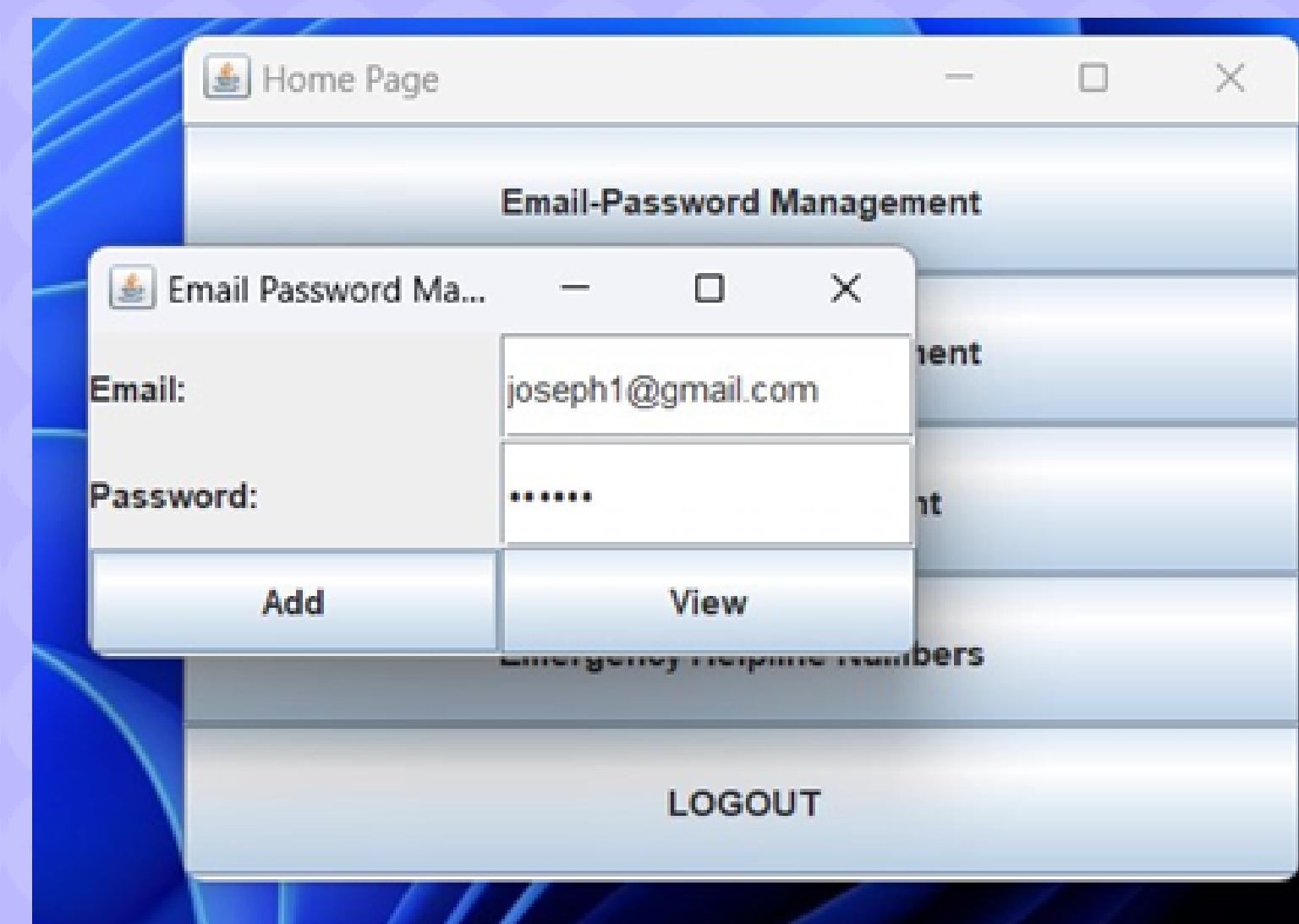
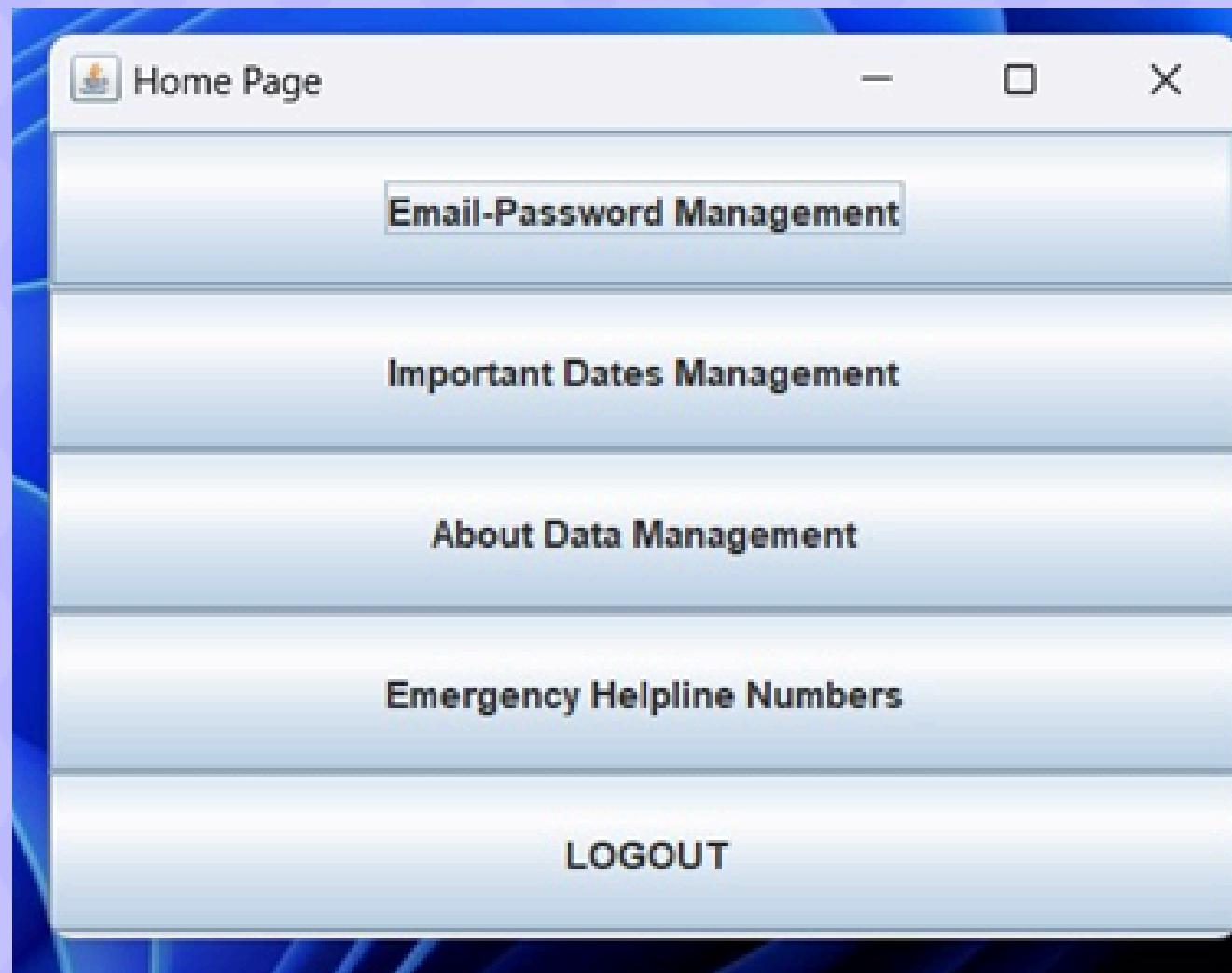
# ER DIAGRAM



# Account Creation & User Login



# Home page & Email-passwords

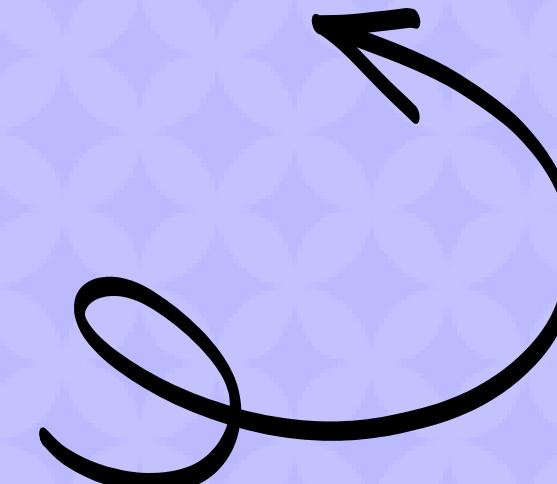
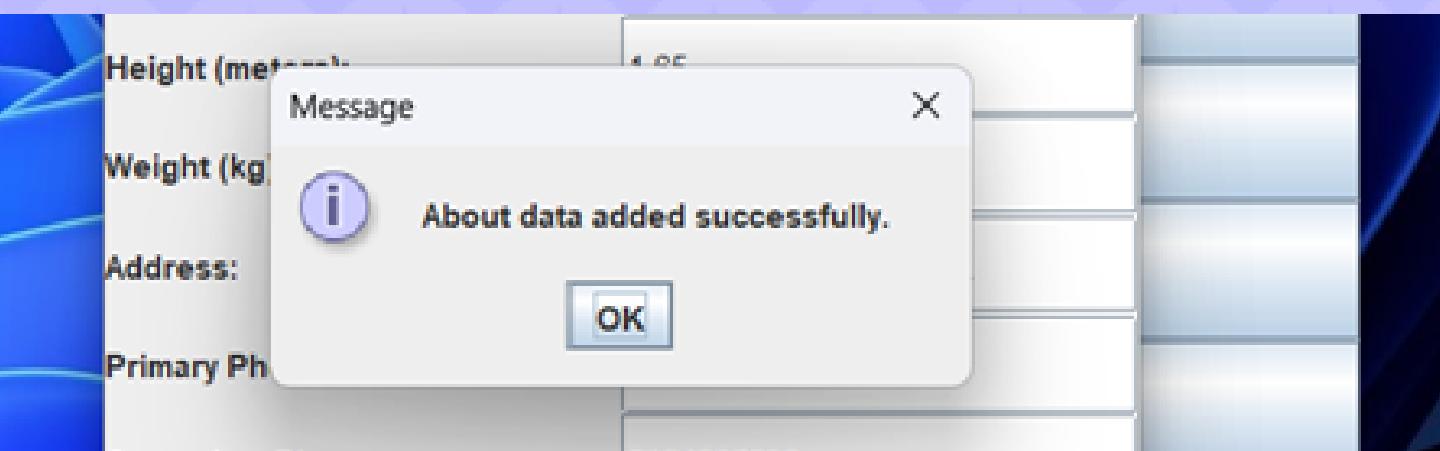
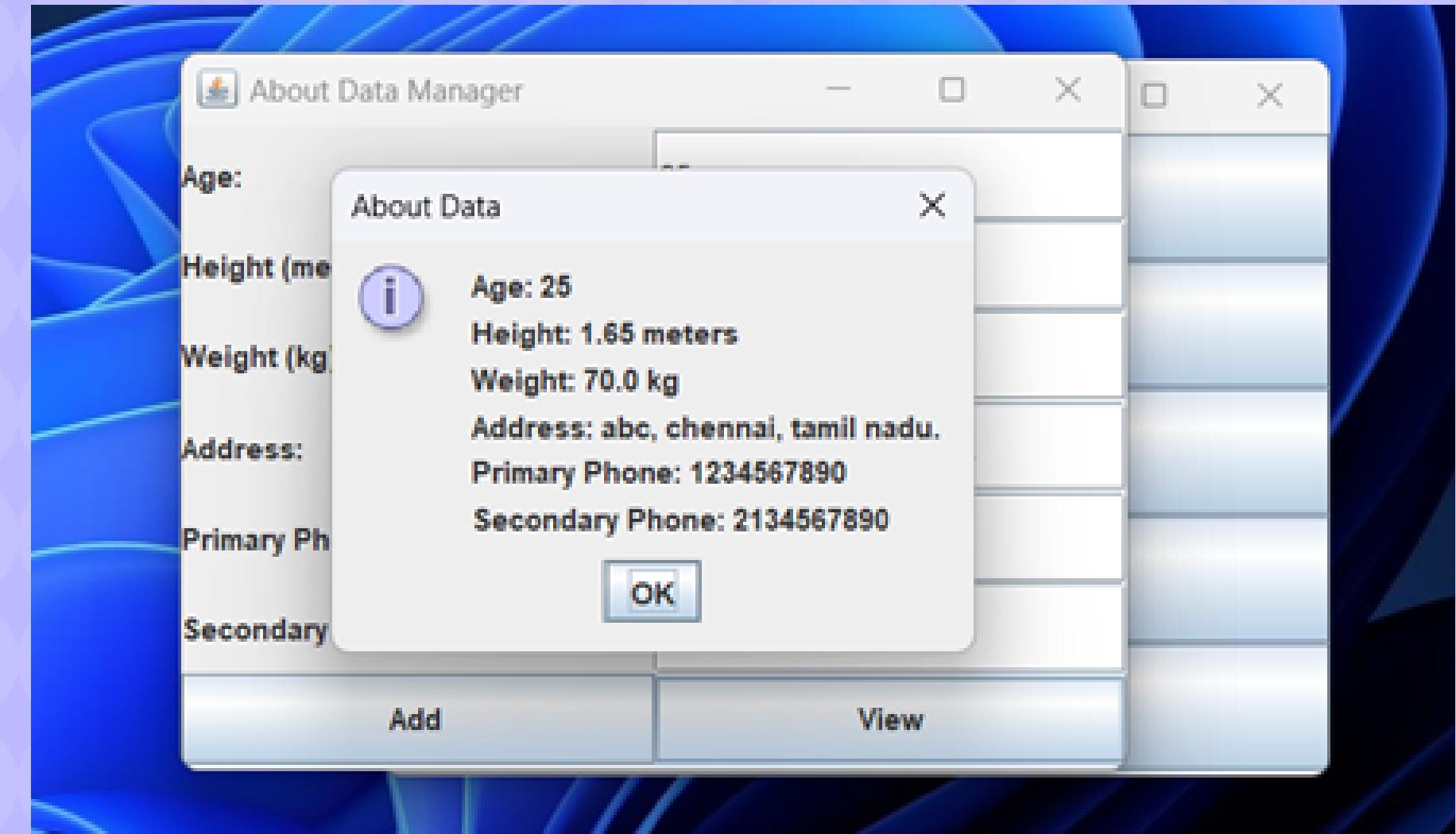


# ADD & VIEW ABOUT

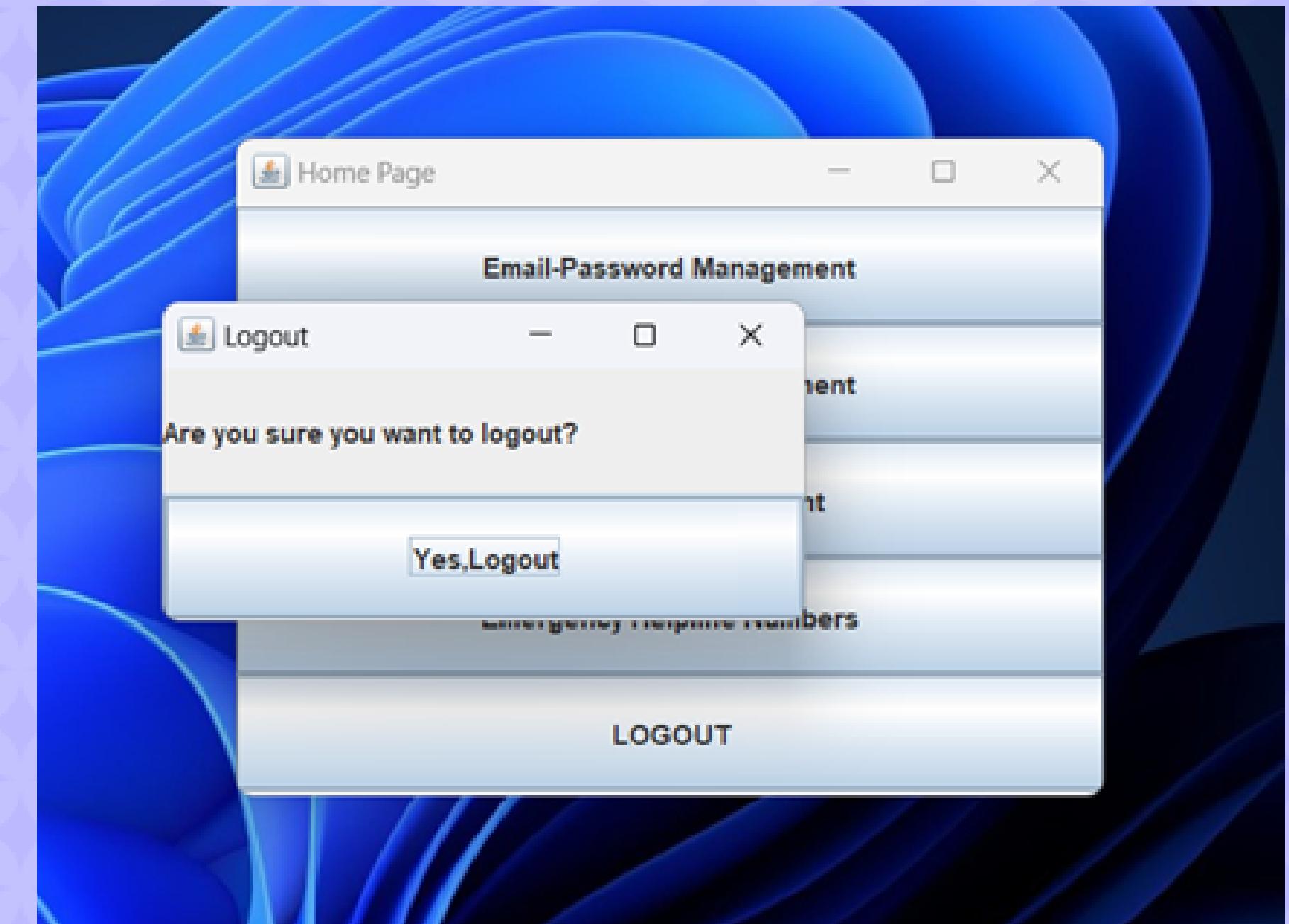
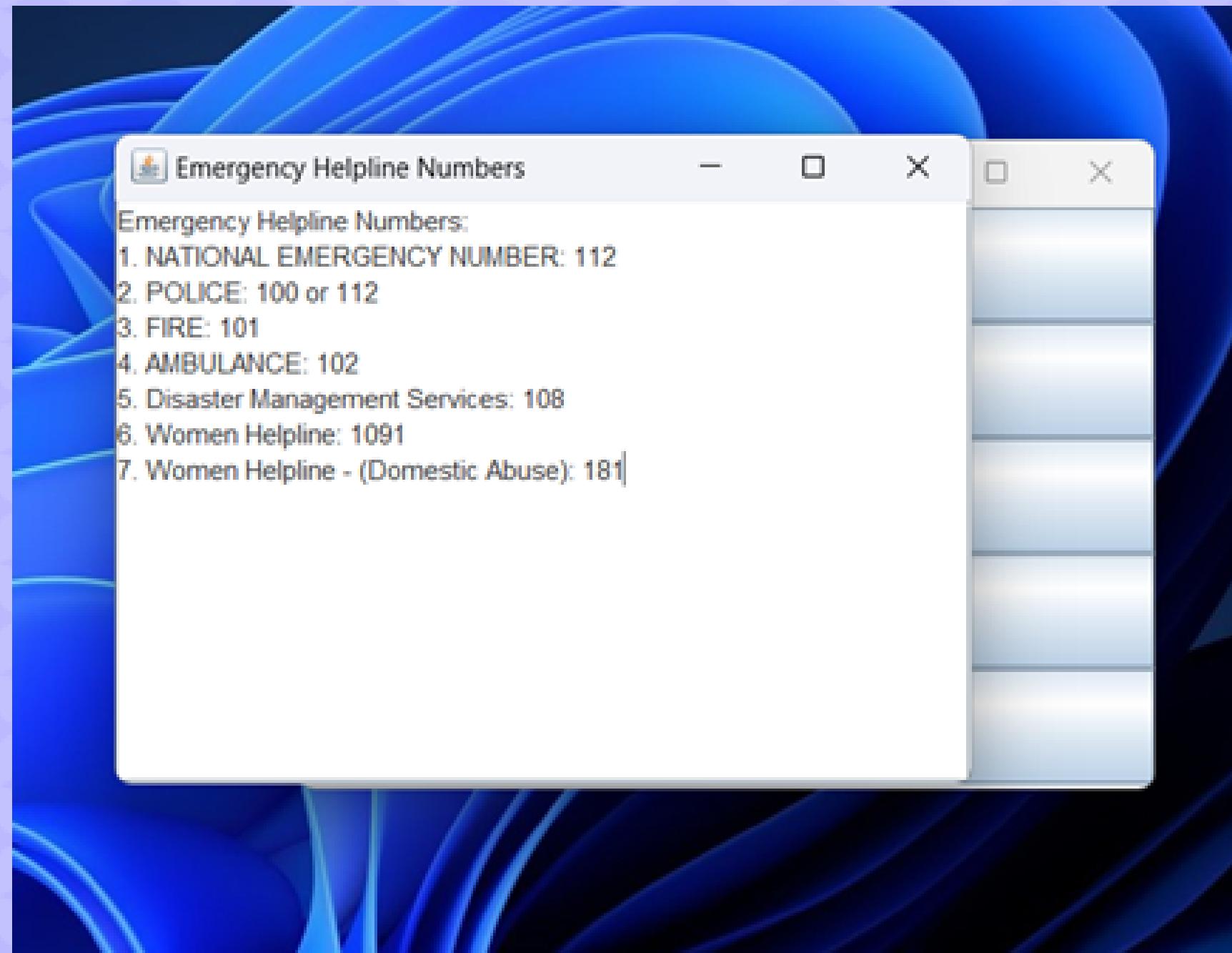
About Data Manager

Age:	25
Height (meters):	1.65
Weight (kg):	70
Address:	abc, chennai, tamil nadu.
Primary Phone:	1234567890
Secondary Phone:	2134567890

Add      View



# HELPLINE & LOGOUT





Thank you!

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