**Project Overview**

The Digital Contact Book is a Python desktop application using Tkinter for GUI and SQLite for database.   
It allows users to manage contacts efficiently with features such as add, update, search, and delete contacts.

**Technologies Used**

- Python 3.x  
- Tkinter  
- SQLite  
- OOP and File Handling

**Features**

1. Add New Contact  
2. View All Contacts  
3. Search by Name  
4. Update Contact  
5. Delete Contact  
6. SQLite backend for persistent storage  
7. User-friendly Tkinter GUI

**How It Works**

- The application initializes an SQLite database if not present.  
- The user enters contact details which are stored in the database.  
- All contacts can be viewed and selected from a listbox.  
- Update/Delete operations are performed by selecting a contact.

**How to Run**

1. Make sure Python 3.x is installed.  
2. Run the script: python contact\_book.py  
3. The app will launch and create the database automatically.

**Future Enhancements**

- Export to CSV/Excel  
- Add tags/categories for contacts  
- Cloud backup/sync  
- Add contact images

**System Design Diagram**

Below is a simple conceptual diagram of the system.

