

This project is a **Java Swing-based Contact Book Manager** application. It allows users to **add, view, remove, and clear contacts** through an intuitive graphical interface. The left panel contains a form for entering contact details (Name, Street, City, State, Phone, and Email), and the right panel displays the contact list in a scrollable table.

Users can **import contacts from a CSV file** or **export the current list to CSV** through the **File** menu (Open, Save, Exit).

Keyboard shortcuts are provided for convenience — **Ctrl+O** to open, **Ctrl+S** to save, and **Ctrl+W** to exit.

Pressing **Enter** in the Email field will automatically add the new contact.

In addition to the basic requirements, several **enhanced features** were implemented:

Added **column sorting** for the contact table (`JTable` with auto row sorter).

Added **multi-row selection** and deletion support.

Added **keyboard shortcuts** and **real-time form validation** for empty names.

Improved layout alignment using `GridBagLayout` to make the form and action panels **flush left**, perfectly matching the sample UI for the **extra credit layout** requirement.

These extensions provide a smoother user experience and help achieve the **extra credit** for exact layout recreation and additional usability improvements.

