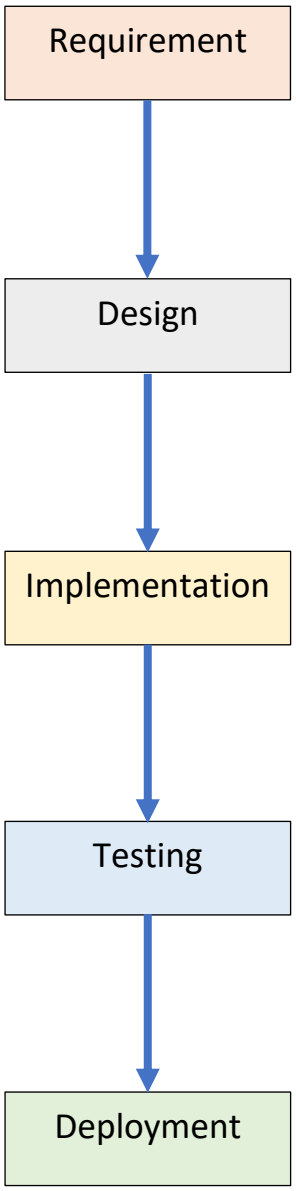
Increment 1: Core System (Prototype)



- Users should be able to view shows.
- User can select seats.

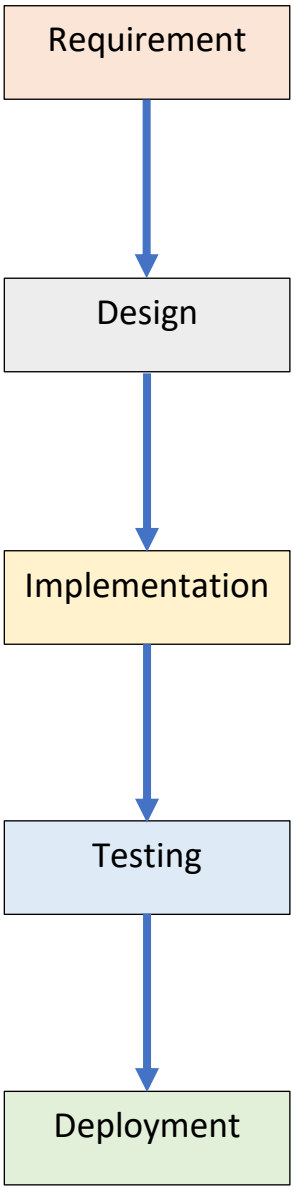
- PC-based structure.
- Seat array/list for availability.

- Python console program.
- User inputs name, phone, seat.

- Verify seat booking logic.
- Confirm booking message displays correctly.

- Initial prototype for basic ticket booking.

Increment 2: GUI + Database Integration



- User-friendly interface.
- Persistent data storage.

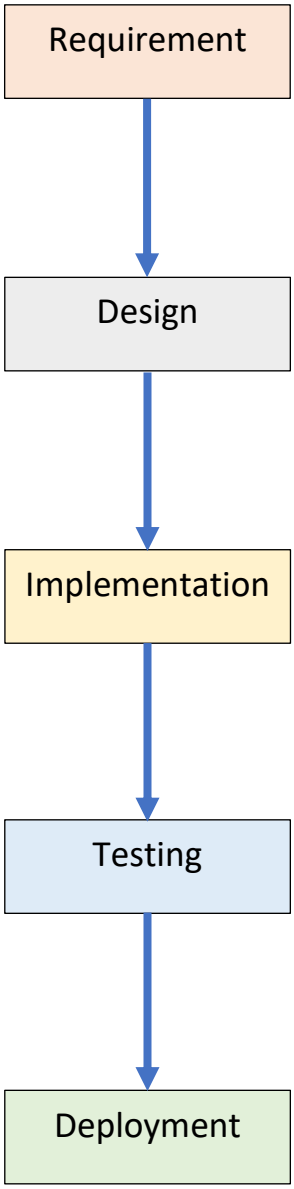
- PyQt GUI. MySql database with tables: shows, seats, bookings.

- GUI buttons for seat selection.
- DB connection for show/booking info.

- Verify seat availability updates in database.
- Confirm booking message displays correctly.

- Functional GUI-based software.
- Database integration completed.

Increment 3: Advanced Features + Packaging



- Generate tickets.
- Prevent errors.
- Final product ready for users.
- Ticket layout for PDF.
- Improved GUI design.
- Use ReportLab /FPDF for ticket export.
- Test ticket generation.
- Prevent double-booking.
- Package as .exe using PyInstaller.
- Ready for real-world use.