**Railway Reservation System**

A mini project for a railway reservation system would typically involve a system that allows users to search for trains, check seat availability, book tickets, and potentially cancel reservations. It should also manage user accounts and payment processing. Here's a breakdown of the key functional requirements:

Core Functionality:

* **User Management:**
  + User registration and login/logout.
  + User account management (profile updates, password changes).
* **Train Schedule and Availability:**
  + Search for trains between specified origins and destinations.
  + Display available trains, including train numbers, departure/arrival times, and seat availability.
* **Reservation:**
  + Select a train and coach type.
  + Choose the number of seats to reserve.
  + Provide passenger details (names, ages, genders).
  + Manage payment (credit card, online payment gateways).
  + Generate and print tickets/receipts.
* **Cancellation:**
  + Cancel reservations and potentially manage refunds.
  + Once Cancelled, corresponding availability should be changed.

**Mandatory Technical Components and Features**

* Table using ADP and SDP
* Date Components and corresponding validations.
* Forms with buttons
* Dropdown, checkboxes, Radio button.
* Train component, Progress bar/circle