Stake holders:

1. Internal stakeholders:
   1. User/passengers.
   2. Admin.
      1. Railway staff
      2. Conductors
      3. Department Engineers
2. External stakeholders:
   1. Banks
   2. Pakistan Govt.
   3. Internet service providers.
   4. MMS.

Features:

1. Advance booking (General & Ladies Quota).
2. time table
3. train fares
4. current status of reservation
5. train availability
6. Allot seats in train.

Work Flow

Open page Links

* Train details
  + Train Number entry -> Route, Destination, Arrival & Departure, Map.
* Register
  + New user-> Sign-up-> user-Id, password, Authentication (Captcha).
  + Already Registered-> Sign-in->
    - Online Reservation->Reservation Form (involving Bank details)->Payment Confirmation->
      * + Verification by Admin, PNR generation (Digital-Ticket).
        + Unavailable.
    - Train/seat Enquiry-> Enter PNR -> Seat confirmation & details.
    - Cancellation-> Enter PNR, Confirmation-> refund Message.
* Help Centre-> HELP LINES numbers & Email Support.

Database

1. Booking – User
   1. Passenger details.
   2. Seat availability-=1.
   3. Store the value of booked Seats.
2. Cancellation- User
   1. Seat availability+=1.
   2. Book seats-=1
3. Train details- User(read), Admin (r/w)
   1. Update train details by admin.
   2. Delete.
   3. Create new train detail.

max 6 seats booking at a time

User should register

-booking

-cancelling

-help

without login-

-train timings

-train fares

-train info

Reservation-

-Form for reservation

-name

-sex

-age

-address

-credit no

-bank name

-class of berth in train

reservation admin processing -

-generate PNR

-verification

Cancellation

-cancel ticket link

-Enter PNR no

-amount and train details should be displayed

-cancel confirmation

-display cancelled message

-booked seat-1

-available seats+1;

Admin-(uploads and changes train details)

-Train arrival

-Departure

-Ticket fare

-booked seats are reduced or increased after cancellation or reservation.