**Advanced Systems Project Proposal**

**Project name:-** Railway reservation system

Different functionalities in this application:-

In this application a user can login to their account and select places and date to travel. Then the system will show various train slots which are available for their travel . If they don’t find perfect time slots for their travel they can go back and search for different criteria.

A user can select particular time and proceed for booking. After selecting train the user can select in which class they want to travel like sleeper, seater or room every class will have different prices depends on their selection their price will be shown. From there the user will redirect to traveler information page where the user has to fill the details like name ,email ,phone number of the person who is travelling. After filling the details the system will redirect to payment page where the user can select which type of payment they want to do and enter their card details to pay. Once the payment is successfully done a confirmation mail will be sent to the use email.

A user can go and check their reservations made in the view reservation tab where he/she can find all the reservations made in the account from begning. The reservation will show all the related details of that particular reservation.

A user can also cancel a upcoming reservation if they are no more interested . After cancelation an email will be sent with details of cancelation to user email.

Technologies:- Spring Framework ,Maven ,Workbench

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