

BLACK HATS

Problem Statement:

Indian Railway Catering and Tourism Corporation Ltd. (IRCTC) is a “Mini Ratna (Category-I)” Central Public Sector Enterprise under the Ministry of Railways. IRCTC started selling tickets online in 2002. But the number of tickets booked at IRCTC has been reduced drastically after the introduction of other exciting travel booking sites. What feature enhancements shall outcast bookings of IRCTC once again.

Solution:

IRCTC is a very commonly used E-governance portal for transportation. IRCTC have been providing many more features other than Train ticket booking such as Bus Booking, flight Booking, Holiday Packages, Prepaid Meals and many more. But these features have stayed hidden till date due to its unappealing User Interface and poor advertisement of its recommender system. Even though it is used for a large population, usability and user accessibility is far from reach. Our idea is to develop a replica of IRCTC with 2 major optimisation.

1. AI algorithms to provide the user a better recommendation for transportation and hotels for the users
2. Better User Interface for making the user feel comfortable to use the application

Tools/platform used:

- 1.Flutter
- 2.Python for programming Machine Learning and Deep Learning models
- 3.Django and Flask
- 4.MongoDB (database).