

OBJECTIVE: 1.(a) To identify the role of software in today's world across a few significant domains

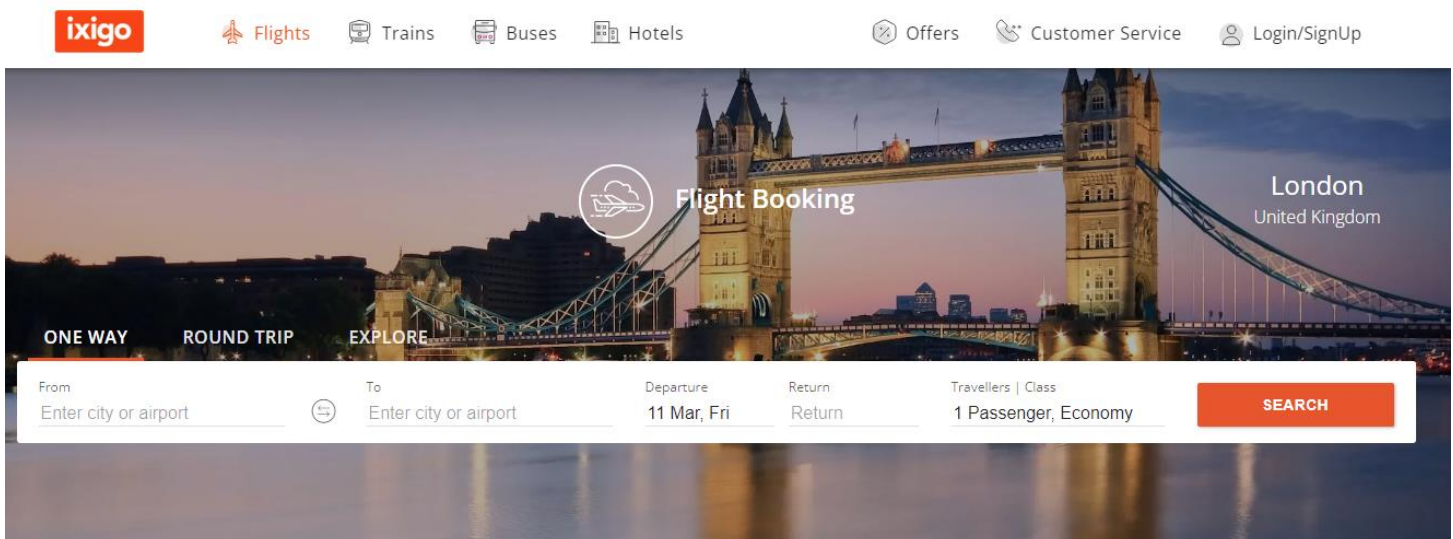
BACKGROUND: Software has made the world a global village today. The impact of software spans across almost all aspect of human life. All organizations, Institutions and companies are leveraging the potentials of software in automating the critical functions and eliminating manual interventions. Software is also a predominant are for trade and export especially for the countries like India. Domains like health care, Airlines, Financial Services, Insurance, Retails, Education and many more have exploited software and still there are lot of the scope for software to create impact and add values in multiple dimensions.

PROBLEM DESCRIPTION: In the context of his background, identify the areas (or application or systems) how software has been leveraged extensively in the following domain Airlines identified the role of software across multiple domains related to day to day life.

HOW IT IS USED?

ONLINE TICKET BOOKING:

We use airline system for booking tickets online. You might want to travel a destination 30-40 minutes away. Queuing for an hour to book a flight to this destination is not logical. All you need is to book for the flight online. The internet has helped a great deal to ensure customers can simply organize for flights from wherever they are. It also saves you some money which you could spend driving to the airport. We use different websites like goibibo, ixigo etc.. for booking tickets.



Exp No: 01

TITLE: ROLE OF SOFTWARE

Date: 11/03/2022

When we open websites like goibibo, ixigo etc.. We can see an option called Flights, select flights. You will be directed to above interface. You have to enter information like departure airport, destination airport and departure date. Press search option. Then we can see all the flight details. Click on Book option.

The screenshot shows the ixigo flight search interface. At the top, there are navigation links for Flights, Trains, Buses, and Hotels, along with Offers, Customer Service, and Login/SignUp. The search bar shows the route from BLR - Bengaluru to HYD - Hyderabad on 13 Mar, Sun, for 1 Passenger, Economy class. The search results show a calendar view with the lowest fare of ₹5177 for 13 Mar, Sun. The interface also includes filters for stops (Non stop, 1 stop, 1+ stops), departure times (00:00 - 06:00, 06:00 - 12:00, 12:00 - 18:00, 18:00 - 24:00), and airlines (Air India, AirAsia India, IndiGo, GO FIRST). A 'BOOK' button is visible next to the selected flight.

We need to enter all the passenger details and proceed your payment. As shown below.

The screenshot shows the ixigo flight booking interface at the 'Review' step. It displays the flight details for Bengaluru to Hyderabad on 13 Mar, Sun, for 1 Passenger, Economy class. The flight details include the flight number GO FIRST G8285, the aircraft A320-200, and the fare ₹5177. The interface also shows the flight schedule, including the departure time BLR 15:45 and the arrival time HYD 00:25. A 'LOGIN TO PROCEED' button is visible at the bottom right.

After payment, confirmed ticket will be sent to your email and phone number.

IMPORTANCE:

In airline management system, we have

1) Online customer support

Online services offer 24-hour support to help business owners with any issues or questions they may have. Online chat services and telephone operators are available to help customers manage their business needs any time.

2) Auto tracking and schedules

Airline management programs can be set up to automatically schedule aeroplane maintenance, inventory monitors, ordering alerts, and other regulated appointments needed to keep the company operational and the equipment working properly.

3) Customized Programming

Online managing programs can be designed to meet the individualized needs of the company.

ADVANTAGES:

There are many advantages:

- 1) Easy to book tickets.
- 2) Saves time and money.
- 3) Provides every information about flight.
- 4) 24/7 customer support through chat and calls.
- 5) Send automated tickets to the customer by mail.
- 6) Easy refund policies.
- 7) Available for both Domestic and International Airlines.

DISADVANTAGES:

If you make a mistake, while you are booking, like spell your name wrong, then your ticket is not valid.

REFERENCE:

https://www.ixigo.com/?utm_source=Google_Search&utm_medium=paid_search_google&utm_campaign=ixigo_Brand&gclid=CjwKCAiAprGRBhBgEiwANJEY7GjpMQ4awNL_cSYgDvqZ9JEnEo8u3D4504JLC3za1U_pJtf8PUsq8xoChfoQAvD_BwE

<https://www.futuresoft.co.ke/benefits-of-aviation-management-software/>