



OOP MINI-PROJECT

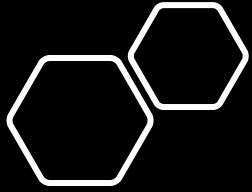
- **TEAM MEMBERS:**
- **Atharva Karve**
- **Tanushka Chaudhari**
- **Shubham Kumar**



Travel Booking Management System

Problem Statement:





Urgent ticket booking often results in paying hefty money, to solve this problem we will provide our users with flight, train, cab or bus booking immediately at a reasonable price.



Preliminary Findings:

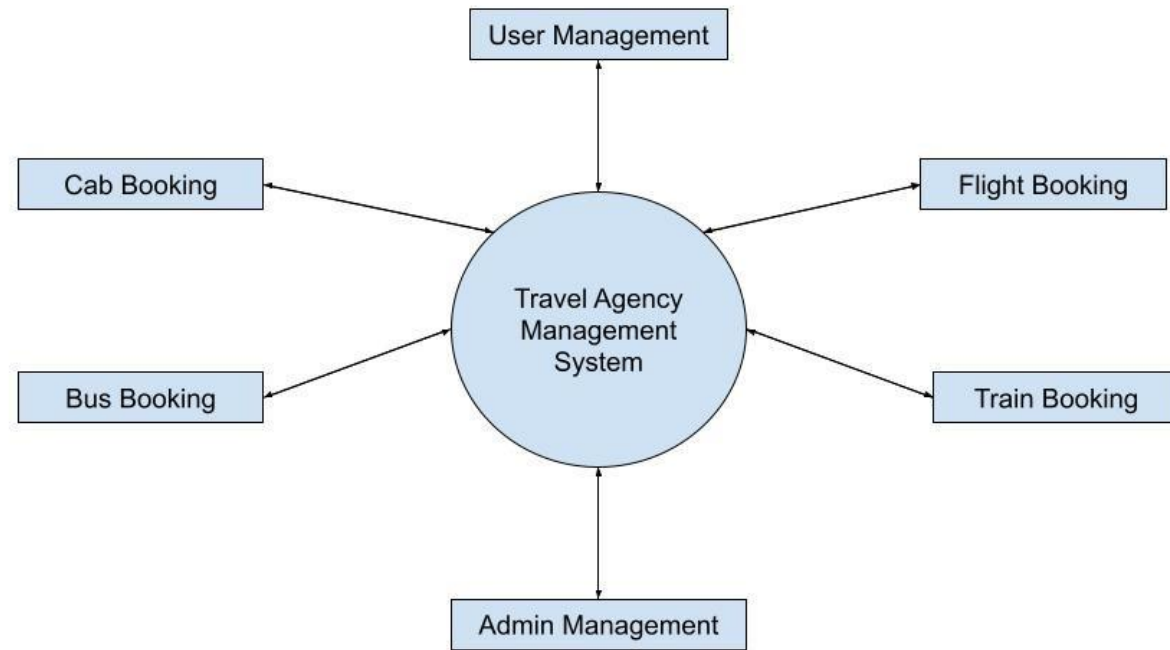
- 1.The booking process is very long and time consuming for any user, therefore a system where the tickets are booked by a third party and the customer decides - mode of transport, source & destination, dates of travel - seems very reasonable plus saves lots of time.
- 2.Immediate flight booking is always expensive, but you can always get it from a cheaper price from any travel agency.
- 3.A travel agency buys any ticket in advance if its price is expected to rise in the future.
- 4.Since advance booking is always cheap, the agency can then sell the ticket to the user who will need it urgently.

Preliminary Findings

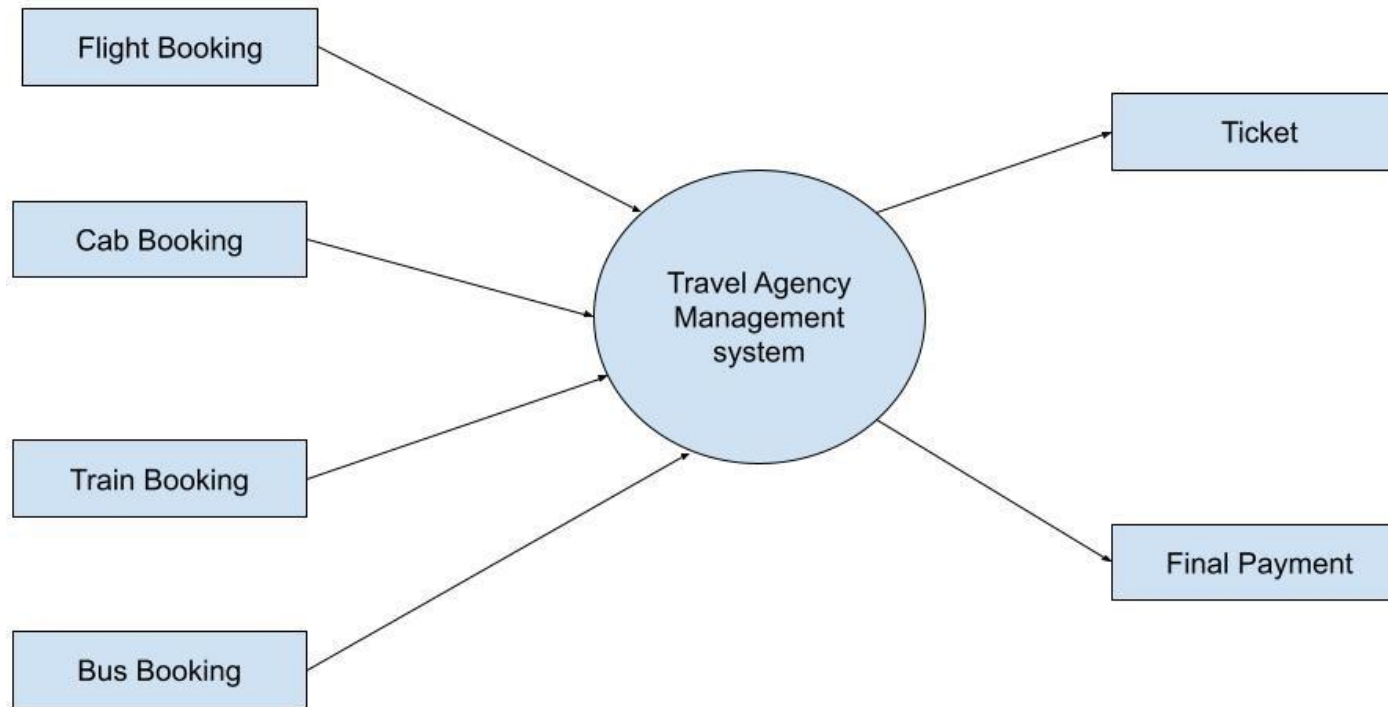
→ One way · 1 · Economy					
Mumbai		↔	New Delhi		Tue, Aug 31
All filters (1)	Non-stop X	Airlines	Bags	Price	Times
Connecting airports					
Duration					
Best flights ⓘ					
Total price includes taxes + fees for 1 adult. Additional bag fees and other fees may apply.					
Sort by: ⬆					
	9:55 PM – 12:10 AM ¹ Vistara	2 hr 15 min BOM–DEL	Nonstop	₹4,862	▼
	8:45 AM – 11:00 AM Vistara	2 hr 15 min BOM–DEL	Nonstop	₹5,130	▼
	10:25 AM – 12:40 PM Vistara	2 hr 15 min BOM–DEL	Nonstop	₹5,130	▼
	11:55 AM – 2:05 PM Vistara	2 hr 10 min BOM–DEL	Nonstop	₹5,130	▼

Level 0

Data Flow Diagrams



Level 1 DFD



TIMELINE

WEEK 1

- Algorithm and DFD
- Research about the Topic
- Preliminary Preparation
- Main foundation of the entire project

TIMELINE

WEEK 2-5

- Programming
- Debugging

TIMELINE

WEEK 6

- Testing
- Refactoring of the code
- Feedback from users

The background is black with several abstract geometric elements. In the top left, there is a light orange semi-circle and two white zigzag lines. In the bottom left, there is a light green circle. In the bottom right, there is a light green semi-circle. A large black rectangle with a white border and a thin orange double-line border is centered on the page.

THANK YOU!