Internship Project Report

Project Title: Flight Registration System

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Course Name: python

Task Overview

This project is a simple Flight Registration System built in Python. It allows a customer to input personal details, choose a flight destination, and get a ticket with charges.

# Task 1: Customer Class

# Explanation

- The Customer class stores customer details (name, age, gender).  
- The input\_details() method asks the user for details.  
- The show\_details() method displays the stored information.

## Challenges & Solutions

Challenge: Input mismatch (e.g., entering text instead of number for age caused errors).  
Solution: Added int() conversion to ensure age is always a number.

# Task 2: Booking Class.

## Explanation

- The Booking class manages available destinations and flight charges.  
- The show\_destinations() method lists destinations with prices.  
- The book\_flight() method allows the customer to select a destination.  
- The show\_ticket() method displays the final ticket with customer details and price.

## Challenges & Solutions

Challenge: If a user entered an invalid number, the system crashed.  
Solution: Added if-else conditions to handle invalid inputs and cancel booking.

# Final Output Example

Insert screenshot of full flow: entering details → choosing destination → ticket generation.

# Conclusion

This project demonstrates Object-Oriented Programming (OOP) concepts in Python using classes and methods. It successfully simulates a flight booking process with customer details and ticket generation.