

CS&S/UUM/19-20/0037

23 September 2019

Certificate of Internship

This is to certify that, Mr. JAY JHANGIANI from Thadomal Shahani Engineering College has successfully completed his internship offered by our organization. The period for his internship was from 1st June, 2019 to 1st July, 2019.

The internship included a complete project development using SQL+ on Oracle database. We appreciate the work done as it was of the desired quality and the deadline was met. The intern showed enough enthusiasm and inquisitiveness throughout the period of internship.

The contents of project are attached in Annexure.

**UMESH MASUREKAR.****(Manager - Implementation).**

ANNEXURE.

Replacement of pilots.

1. Table creation for Pilot Master with ID, Grade, Base and Licensing.
2. Table creation for Pilot wise duties at particular base.
3. Table creation for DGCA to record breathe test of Pilots.
4. Table creation for updating information for drunken pilot.
5. Create Procedure for pre/post flight examination which will use data created in above tables to find a suitable replacement for Pilots if found drunk.
6. Three bases-Mumbai, Bengaluru, and Delhi.
7. Used procedure for updating of date, flights, inserting the drunk pilots details in a defaulter table and updating the time period till which they are banned/derostered.

Check in kiosk.

1. Create table for flight schedule which includes flight number, status of flight, arrival and departure date and time of flight.
2. Create table for admin which includes details about flight number, flight captain code, aircraft type, number of seats available per categories (first/ business/ economy/ jump seats).
3. Table for listing all passengers with grades and respective details (overbooking allowed).
4. Table for each flight (eg. 9W123) which shows the allocation of seats to each passenger with their seat time and time of check in.
5. Procedure for - a. Check in
 - b. Upgrade based on a frequent flier program model (jet privilege)
 - c. Allotment of jump seat to crew/staff
 - d. Update of date/time.
 - e. Offload of passenger due to weight restrictions of fuel and cargo on aircraft.
6. Use of various triggers.

Frequent flier program for airline (Jet Privilege).

1. Creation of table for JP members with all their details for upgrades and preference of seats.
2. Procedure for
 - a. Redeem of points based on grade.
 - b. Calculating and updating point of flier based on their grade and base points per flight.
 - c. Addition of new members.