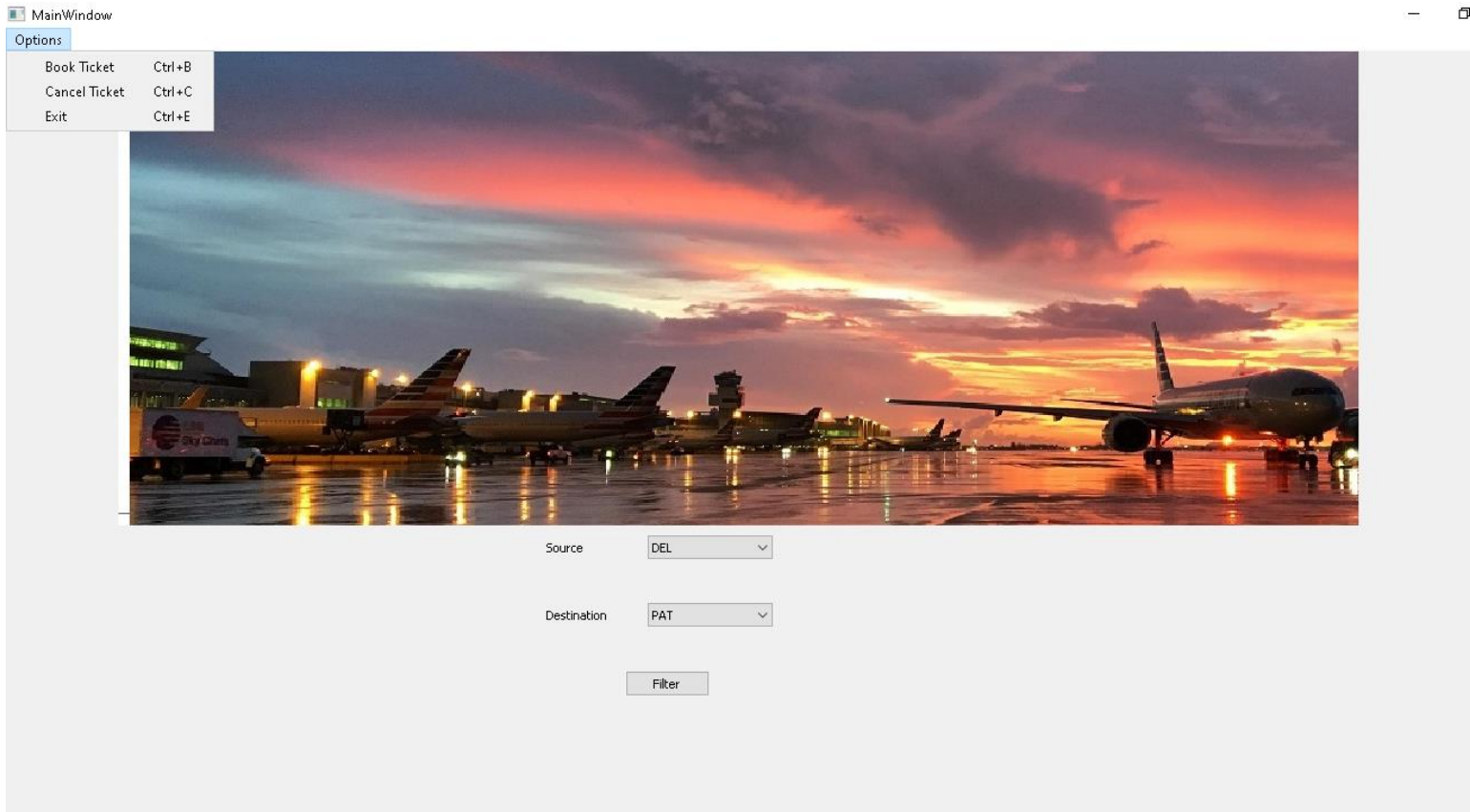


Problem Statement

The main aim of this project is to create air ticket booking software. The GUI application uses concept of DBMS. The application allows user to select flight of his choice. After that, in a separate dialog user could select his/her date of boarding and proceed for booking. The system then checks for ticket availability. If found then user needs to enter his details and a reference number pops up. This reference number is used whenever user wants to cancel the ticket.

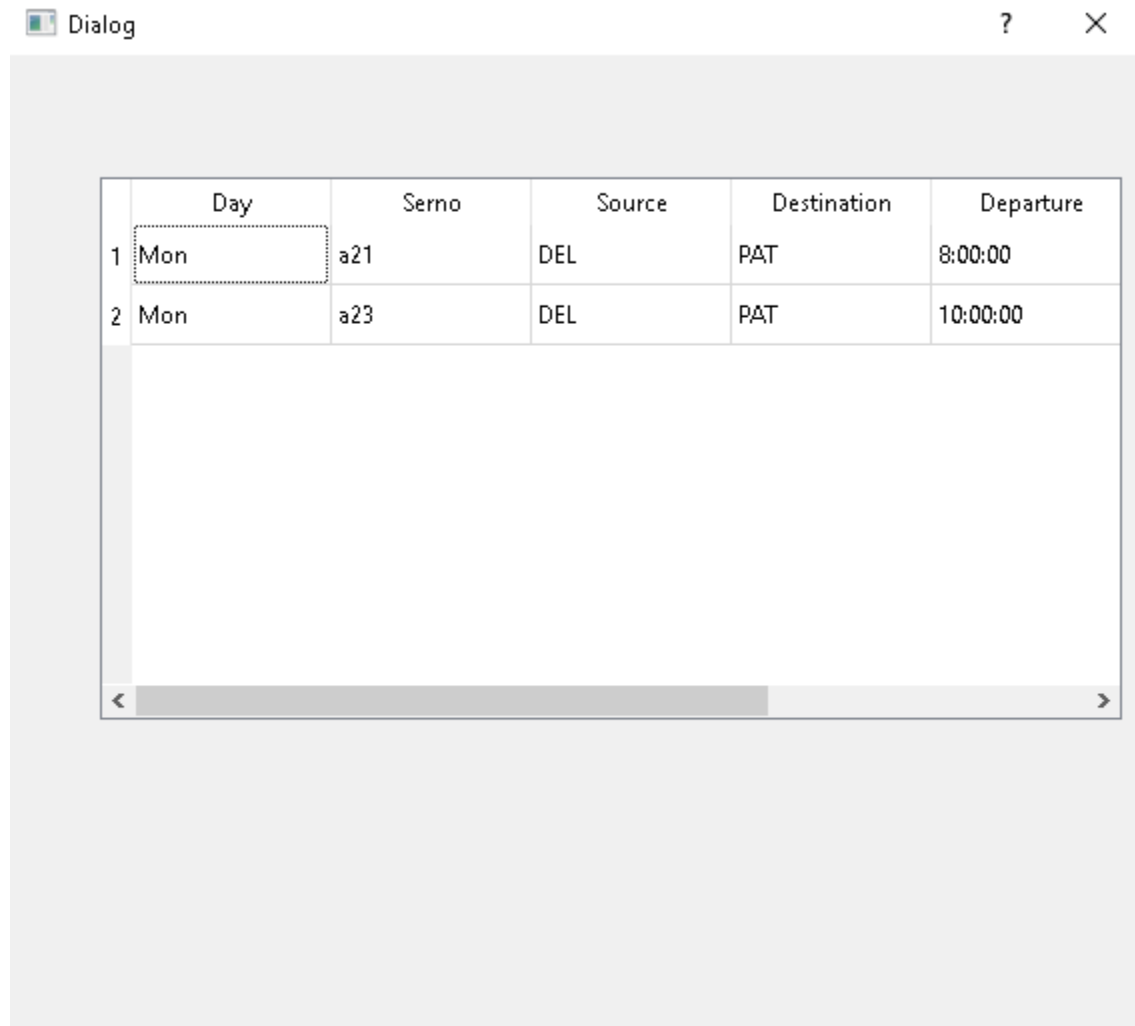
Main Window



This is the main window. In this window user needs to select his source and destination and click on filter. Then the application will search for all flights in the database for particulars entered. In order to ease the process shortcut is also provided to guide through different windows.

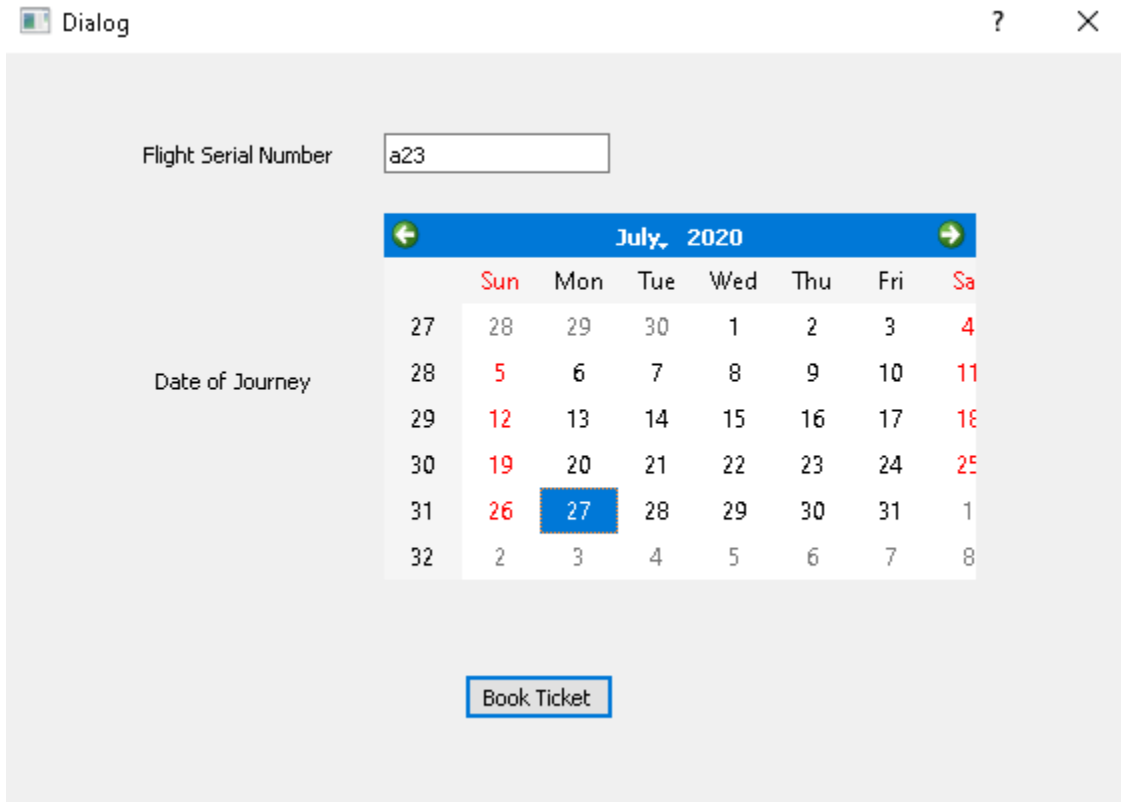
Filter Button

On clicking filter button, a dialog appears sharing the details of all the flight boarding from desired source to destination. The following dialog appears.



Book Ticket

On clicking Book Ticket option following dialog appears, where user has to enter the particulars and select boarding date.



Dialog

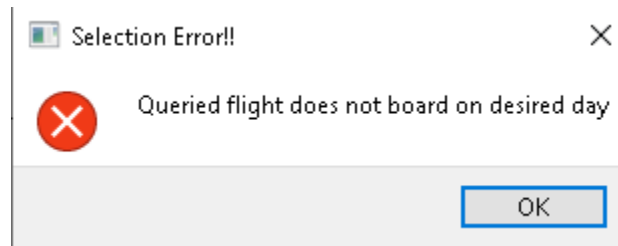
Flight Serial Number: a23

Date of Journey:

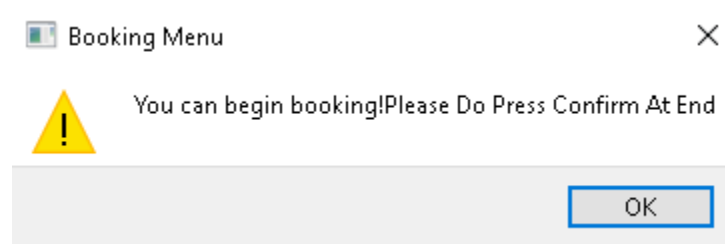
	Sun	Mon	Tue	Wed	Thu	Fri	Sa
27	28	29	30	1	2	3	4
28	5	6	7	8	9	10	11
29	12	13	14	15	16	17	18
30	19	20	21	22	23	24	25
31	26	27	28	29	30	31	1
32	2	3	4	5	6	7	8

Book Ticket

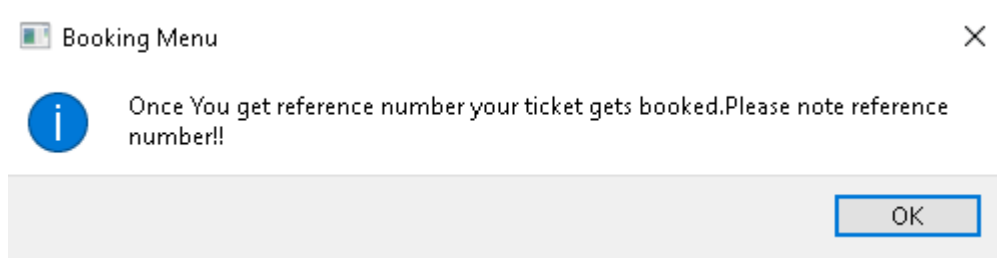
If flight does not board on desired date then following message appears:



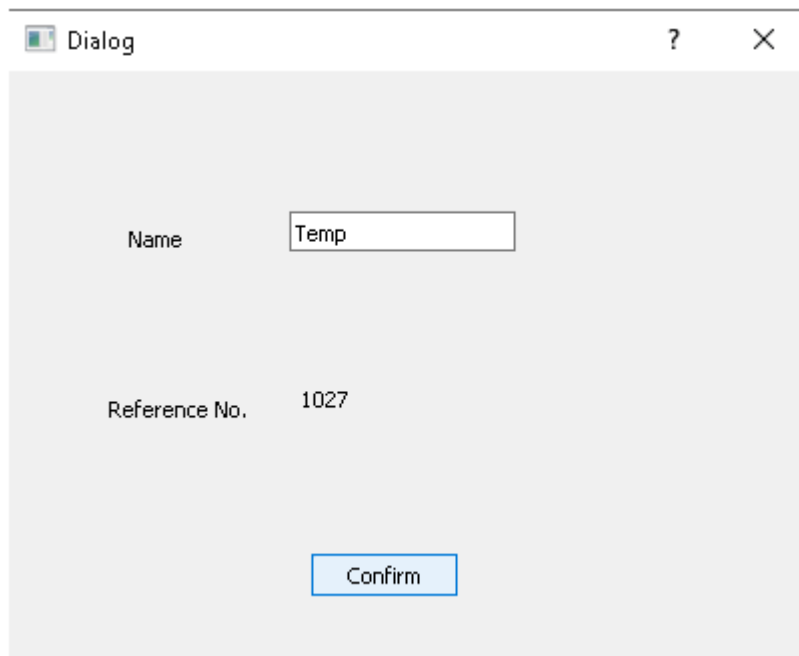
If particulars are correct then:



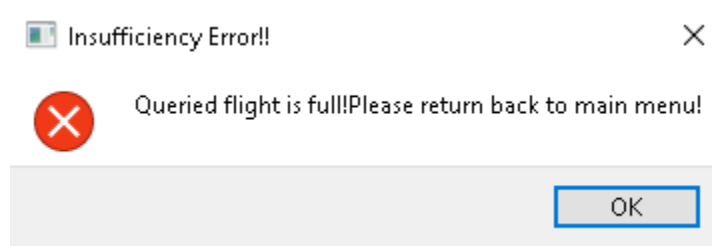
An instruction message pops:



Following dialog now appears, on clicking confirm reference number comes:

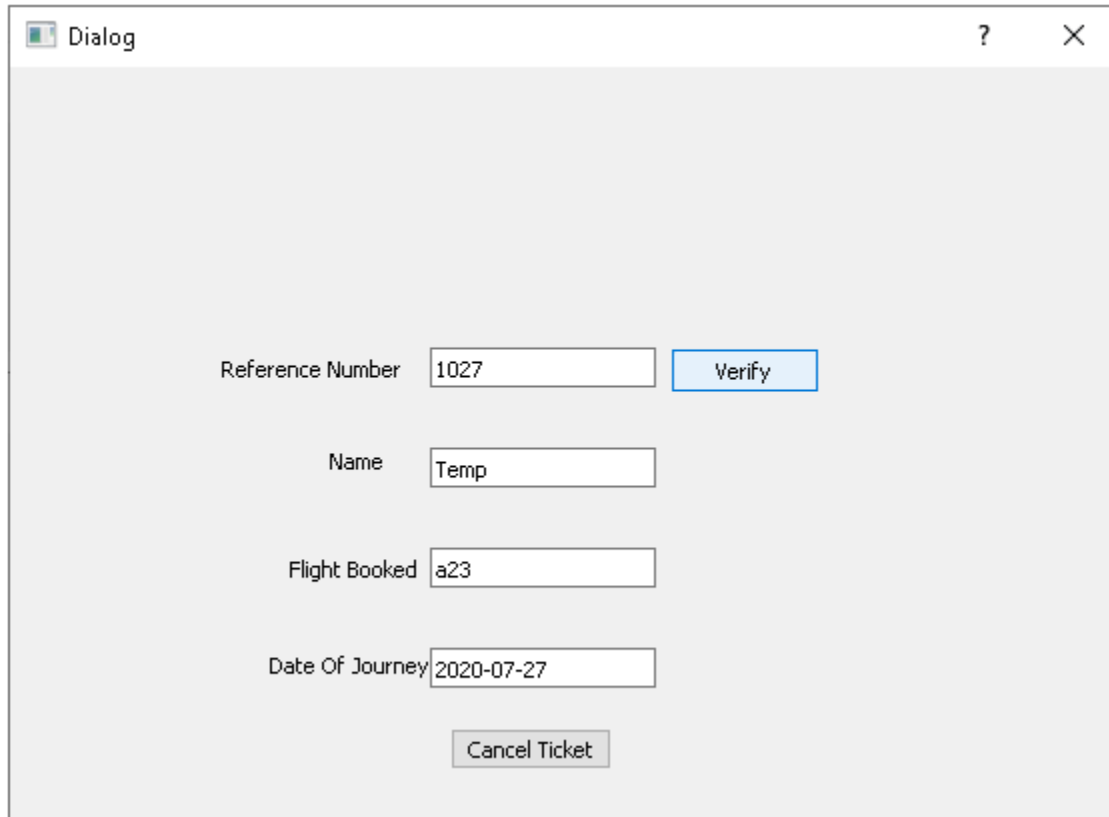


But in case if flight is full for the particular boarding date then following message appears and "Confirm" button is disabled:



Cancel Ticket

On clicking Cancel Ticket option following dialog appears, where user has to just enter the reference number and then the application automatically fills the rest of the details.



Dialog

Reference Number 1027 Verify

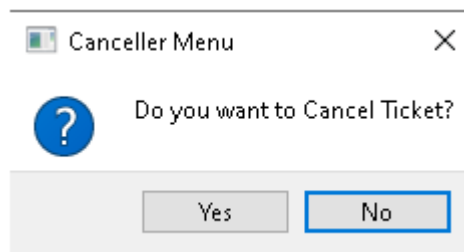
Name Temp

Flight Booked a23

Date Of Journey 2020-07-27

Cancel Ticket

On clicking Cancel Ticket button:

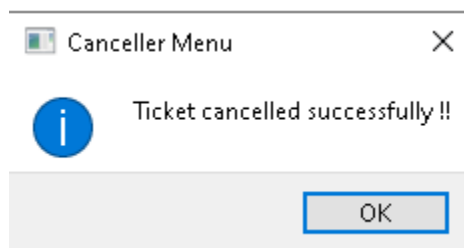


Canceller Menu

Do you want to Cancel Ticket?

Yes No

If "Yes" is clicked then:



Canceller Menu

Ticket cancelled successfully !!

OK