Project name: Airline Reservation System

Team ID: GEN_130

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Pages details:

Page	Function	Description
MAIN	**MainDisplay**	*makes the user choose if he wants to enter as admin (he will need admin's password) or enter as user or exit from the program.*
ADMIN_CHECK	**AdminCheck**	*Check if the one who entered this page is admin or not by asking for predefined password.*
ADMIN_DISPLAY	**AdminDisplay**	*Show the admin choices between adding flights or editing existing flight or deleting one of it or show full flight schedule.*
USER	**UserDisplay**	*Asks user if he is a new user (signup) or existing user (login).*
LOGIN *	**LoginDisplay ***	*Asks user for his existing username and password.*
SIGNUP *	**SignupDisplay ***	*Askes user to enter his data but he need to focus on username and passenger id input as they are unique of each user*
PASSENGER	**PassengerDisplay**	*Show the user choices between adding reservations or editing existing reservation or deleting one of it or show full reservation log*
SHOW_NEW_TICKET	**Show_New_Ticket_Display**	*Saves user ticket and displays this ticket waiting for confirming it or canceling it.*
SHOW_ALL_TICKET	**Show_All_Tickets_Display**	*Display full reservation log as long as the user didn't press enter.*
SHOW_ADDED_FLIGHTS	**ShowFlightsDisplay**	*Display full flight schedule as long as the admin didn't press enter.*

Implemented functions:

Function	Description
displayflight	Display full flight schedule
addflight	Mass adds flights with admin chosen properties.
deleteflight	Delete an existing flight that is already entered by admin.
Updateflight *	Modify an existing flight's properties. The admin can choose which flight and which property to modify.
Search	Searching for flights by user. The user chooses his Itinerary (from where to where). After showing all selected flights, he can choose a flight he wants.
display_selected_fligths	Display all flights that matches with user Itinerary.
save_Ticket	Saving flight details that the user chose to a unique ticket.
display_new_ticket	Display user's new ticket after saving it.
cancel_ticket	After display all reservation log, the user chooses which ticket he want to cancel.
modify_ticket *	After display all reservation log, the user chooses which ticket he want to modify. Modifying ticket means searching for another one and replacing it.
display_all_tickets	Display all reservation log.

means (bonus function)

UI features:

Function	Description
os_sleep	Choose the way to do sleep function by checking whether the platform is UNIX or windows.
loading	Show a loading line after some actions.
done	Show a success messages after successful actions.
error	Show an error messages logical errors.
Invalid	Show an error messages syntax errors.
string_output	Prints a string in width of its length+1 and returns this length
compareStrings	Comparing between to strings. Returns true if identical. Returns false if not identical.