Task	Yasser	Habiba	Nadeen	Yasmina
READme				☐
The system should allow a *Guest User* to sign up.	☐			
The *Guest User* should be able to enter their details in a form including first name, last name, home address, country code, telephone number(s), email and passport number.	☐			
The *Guest User* should be able to create a username and password.		☐		
The password must be encrypted.		☐		
The system should allow an *Existing User* to sign in.		☐		
The system should give the user an error if an incorrect username and/or password were provided.		☐		
The system should have an already existing user called *Administrator.*			☐	
The system should allow the *Administrator* to create flights including all flight details such as flight number, departure and arrival times, dates, number of Economy seats, number of Business class seats, and airport.	☐			
The system should allow the *Administrator* to search through all existing flights using search criteria including flight number, departure and arrival times, dates and airport terminals.	☐	☐		
The system should show the *Administrator* a list of all the available flights without any search criteria.		☐		
The system should allow the *Administrator* to update (edit) any selected flight and its details including flight number, departure and arrival times, number of available Economy seats, number of Business Class seats, dates and airports.		☐	☐	
The system should allow the *Administrator* to delete any selected flights and all their details upon confirmation.				☐
The system should promt the *Administrator* if they are sure they want to delete the flight and all its details (to confirm the deletion).			☐	
The system should update the flight schedule should any changes be made by the *Administrator* to any of the flights.		☐		
The system should allow any *Guest User/ Existing User* to search for available flights based on number of passengers (children and adults), departure airport and arrival airport terminals, departure and arrival dates and cabin class. **Assume all trips are round-trip**	☐	☐		
The system should allow any *Guest User/ Existing User* to select one of the departure flights from the list of available departure flights.		☐		
The system should allow any *Guest User/ Existing User* to see all the details of a particular departure flight. The details should include flight number, departure and arrival times, trip duration, cabin class and baggage allowance.				☐

The system should allow any *Guest User/ Existing User* to view a list of all available return flights based on the search criteria. The list should include flight number, departure time and arrival time, trip duration and price.		▨	▨	
The system should allow any *Guest User/ Existing User* to select one of the return flights from the list of available return flights.		▨		
The system should allow any *Guest User/ Existing User* to see all the details of the selected return flight. The details should include flight number, departure and arrival times, trip duration, cabin class and baggage allowance.				▨
The system should allow any *Guest User/ Existing User* to see a summary of the chosen departure and return flights, including the dates and times of the departure and return flights, the price of each flight, the chosen cabin (Economy/ Business Class), the chosen seat and the total price of the entire ticket.			▨	
The system should allow any *Existing User* to confirm reserving the chosen flight.			▨	
The system should allow any *Existing User* to view the available seats in the chosen cabin of the chosen departure flight.	▨			
The system should allow any *Existing User* to select one or more of the available seats in the chosen cabin of the chosen departure flight (based on the the number of passengers the booking is for).	▨			
The system should allow any *Existing User* to view the available seats in the chosen cabin of the chosen return flight.	▨			
The system should allow any *Existing User* to select one or more of the available seats in the chosen cabin of the chosen return flight (based on the the number of passengers the booking is for).	▨			
The system should allow any *Existing User* to pay for the reservation using MasterCard or Visa (using Stripe's API).			▨	
The system should provide any *Existing User* with his/her itinerary (a summary of the chosen departure and return flights, including the dates and times of the departure and return flights, the chosen cabin (Economy/ Business Class), the chosen seat and the total price paid for the entire ticket along with a confirmation/ booking number).				▨
The system should automatically email any *Existing User* with their itinerary once the reservation is made and paid for (using nodemailer's API).				▨
The system should allow any *Existing User* to view all their current reserved flights.				▨
The system should allow any *Existing User* to cancel a reservation				▨
The system should allow any *Existing User* to confirm canceling a reservation				▨
The system should automatically email any *Existing User* with their cancelled reservation and the amount to be refunded.				▨

Requirement	C1	C2	C3	C4
The system should allow any *Existing User* to edit their information including first name, last name, passport number and email.				�
The system should reflect any changes made to the *Existing User's* information on any current reservations/ itinerarys				▪
The system should allow any *Existing User* to change their password.		▪		
The system should promt any *Existing User* for the old password in order to change it.		▪		
The system should allow any *Existing User* to select a reserved departure flight.				▪
The system should give any *Existing User* the option to change the chosen seat on a departure flight.	▪			
The system should allow any *Existing User* to edit a selected reserved departure flight.			▪	▪
The system should allow any *Existing User* to search for available departure flights based on departure dates and cabin class.				▪
The system should allow any *Existing User* to view a list of all available departure flights based on the search criteria. The list should include flight number, departure time and arrival time, trip duration and price difference (if any).		▪		▪
The system should allow any *Existing User* to select one of the departure flights from the list of available departure flights.				▪
The system should allow any *Existing User* to see all the details of the selected departure flight. The details should include flight number, departure and arrival times, trip duration, cabin class and baggage allowance.				▪
The system should allow any *Existing User* to confirm reserving the new chosen departure flight.			▪	
The system should give any *Existing User* the option to view the available seats in the chosen cabin of the chosen departure flight.	▪			
The system should allow any *Existing User* to choose one of the available seats in the chosen cabin of the new chosen departure flight.	▪			
The system should allow any *Existing User* to pay for the departure flight change using MasterCard or Visa.			▪	
The system should provide any *Existing User* with his/her itinerary with the change in the departure flight.				▪
The system should allow any *Existing User* to select a reserved return flight.			▪	▪
The system should give any *Existing User* the option to change the chosen seat on a return flight.				▪
The system should allow any *Existing User* to edit the selected reserved return flight.		▪		▪
The system should allow any *Existing User* to search for available return flights based on return dates and cabin class.				▪

The system should allow any *Existing User* to view a list of all available return flights based on the search criteria. The list should include flight number, departure time and arrival time, trip duration and price difference (if any).				■
The system should allow any *Existing User* to select one of the return flights from the list of available return flights.			■	
The system should allow any *Existing User* to see all the details of the selected return flight. The details should include flight number, departure and arrival times, trip duration, cabin class and baggage allowance.	■			
The system should allow any *Existing User* to confirm reserving the new chosen return flight.	■			
The system should allow any *Existing User* to view the available seats in the chosen cabin of the new chosen return flight.			■	
The system should allow any *Existing User* to choose one of the available seats in the chosen cabin of the chosen return flight.				■
The system should allow any *Existing User* to pay the difference for the return flight change using MasterCard or Visa.			■	
The system should provide any *Existing User* with his/her itinerary with the change in the return flight.				■
The system should provide any *Existing User* the option to email him/herself their itinerary at any time.				■