

Module diagram to show what happens on the main screen

Login for flights with Norwegian (Logga in för flyg med Norwegian)

Username (or email):

Password:




Website: norwegian.com

Inbound Flights to Stockholm-Arlanda (Inkommande flyg till Stockholm-Arlanda)

Outbound: London-Gatwick – Stockholm-Arlanda Thu. 16/9/21

Departure	Arrival	Flight Number:	<input checked="" type="checkbox"/> Flight chosen
12:25	14:45	D84452	
19:50	21:00	D82858	
23:00	01:45	D82415	



Sign Up (Bli Medlem)


Username (or email):

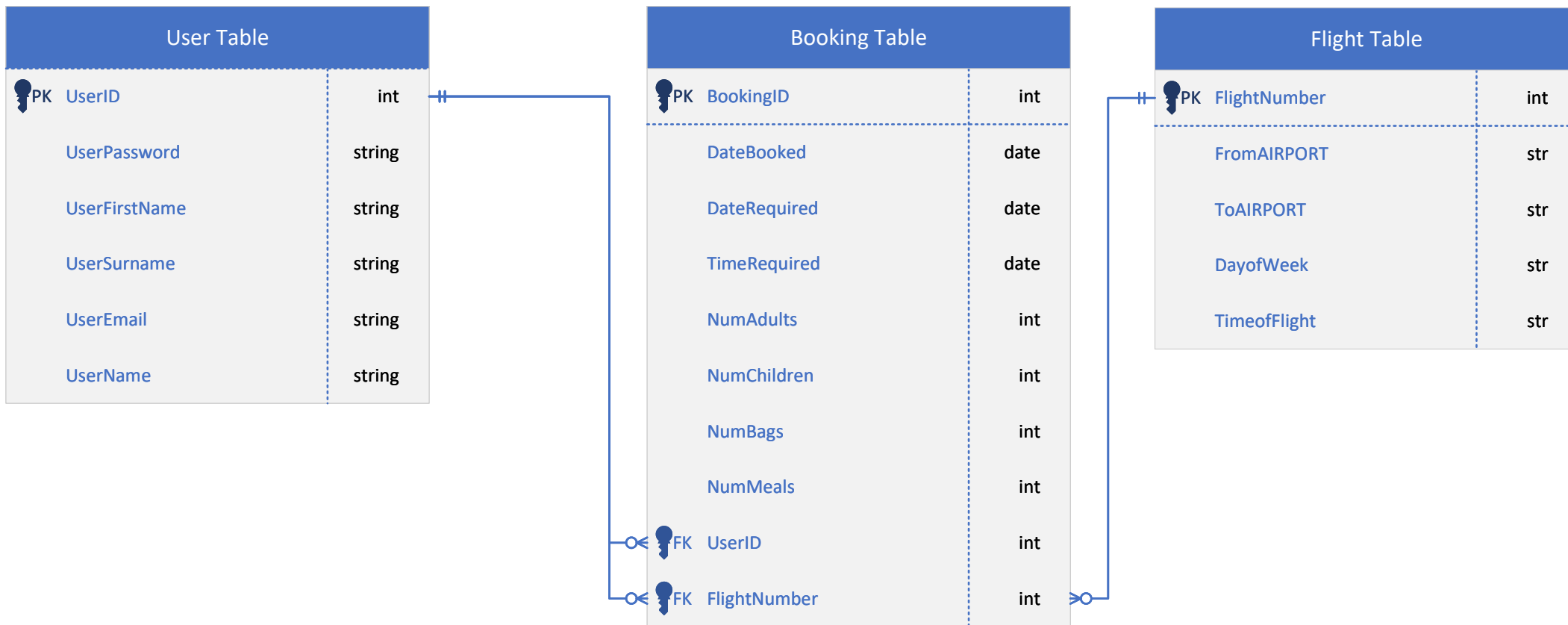
Password:

Confirm Password:

First Name:

Last Name:





Username  
(or email):

joe.harper

Password:

\*\*\*\*\*

Login and  
proceed to  
booking

Sign up

**norwegian** 

Website: [norwegian.com](http://norwegian.com)

Inbound Flights to Stockholm-Arlanda (Inkommande flyg till Stockholm-Arlanda)

Outbound:	London-Gatwick – Stockholm-Arlanda		
Departure	Arrival	Flight Number:	
12:25	14:45	D84452	<input checked="" type="checkbox"/>
Departure	Arrival	Flight Number:	
19:50	21:00	D82858	<input checked="" type="checkbox"/>
Departure	Arrival	Flight Number:	
23:00	01:45	D82415	<input checked="" type="checkbox"/>

Choose date

Choose your flight

Calendar to select date

Book

Go Back

Log Out

**norwegian**

## Sign Up (Bli Medlem)

Username  
(or email):

Password:

Confirm  
Password:

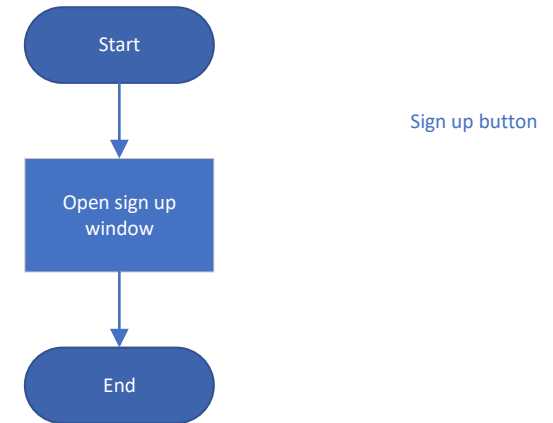
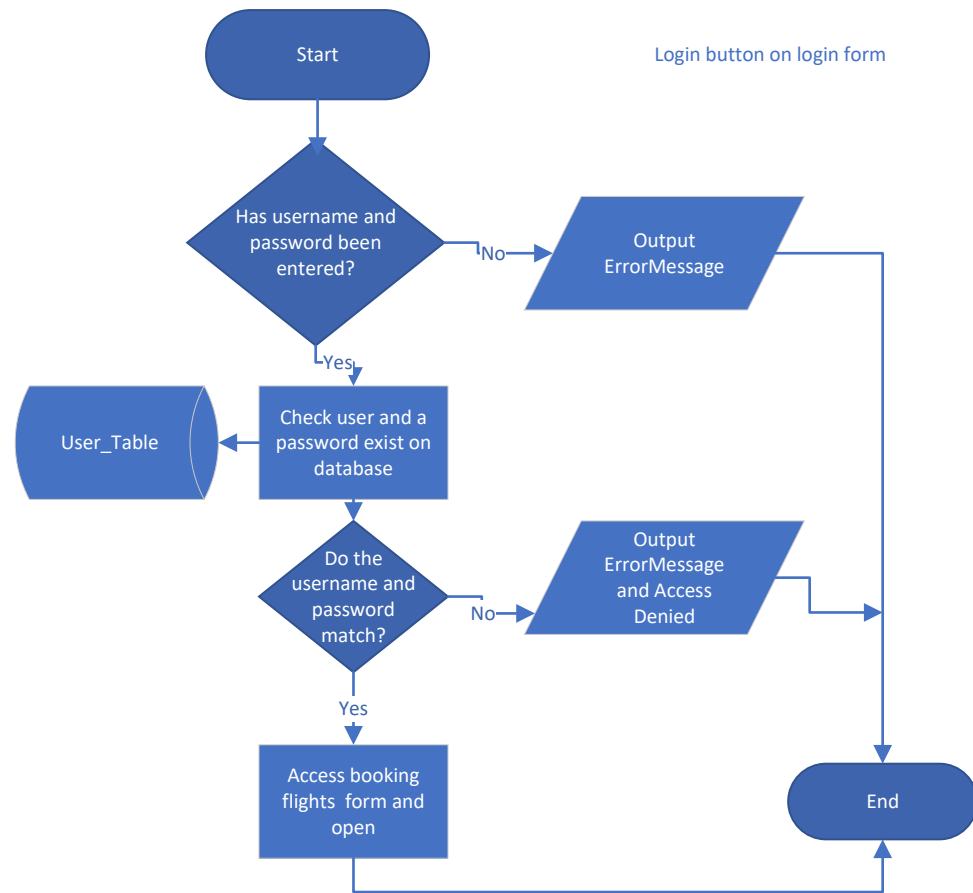
First Name:

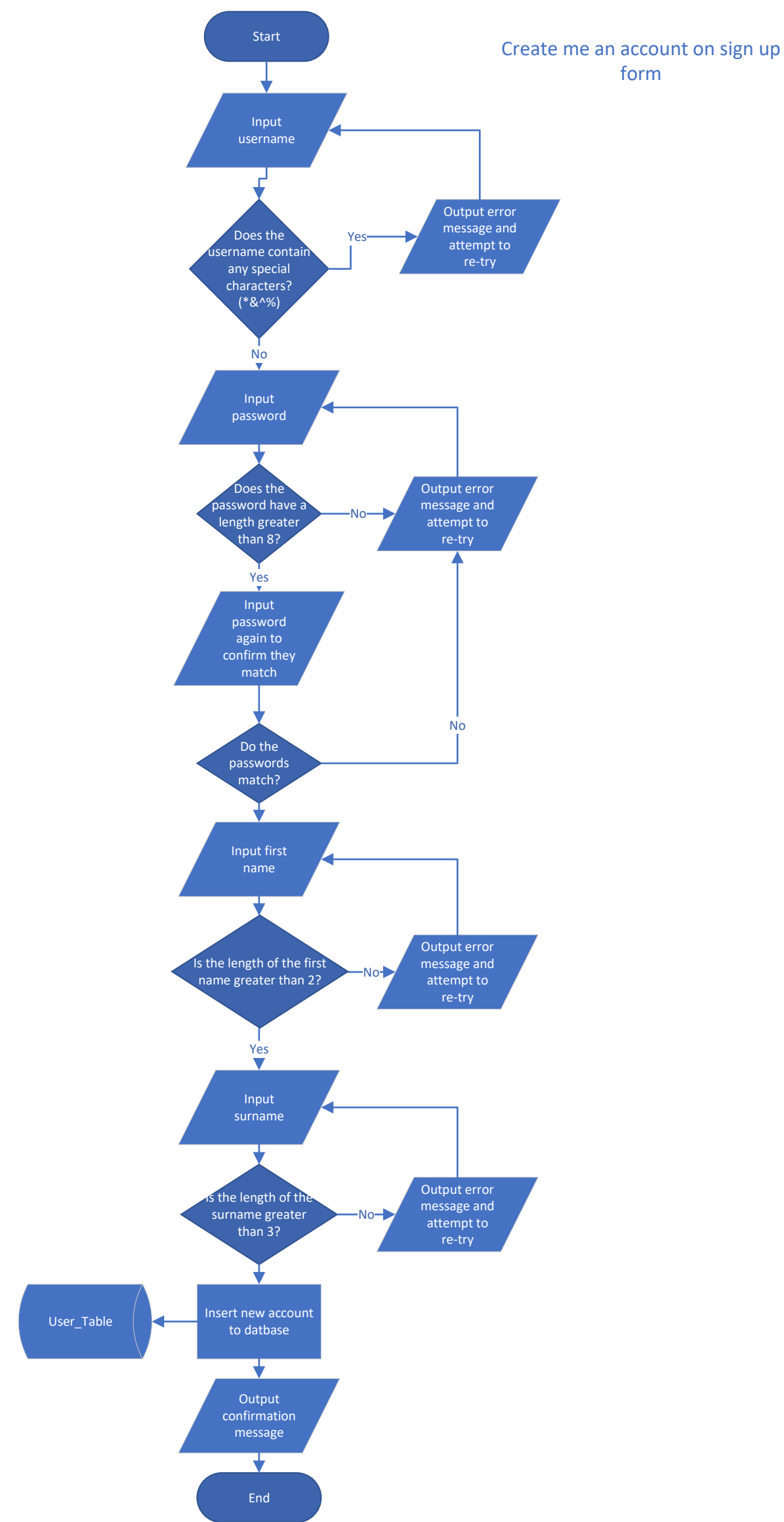
Last Name:

**norwegian** 

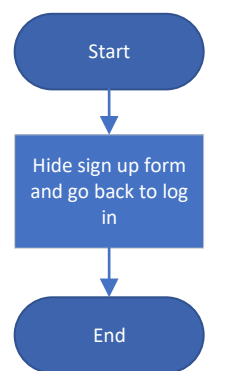
Create me an  
account!

Go Back



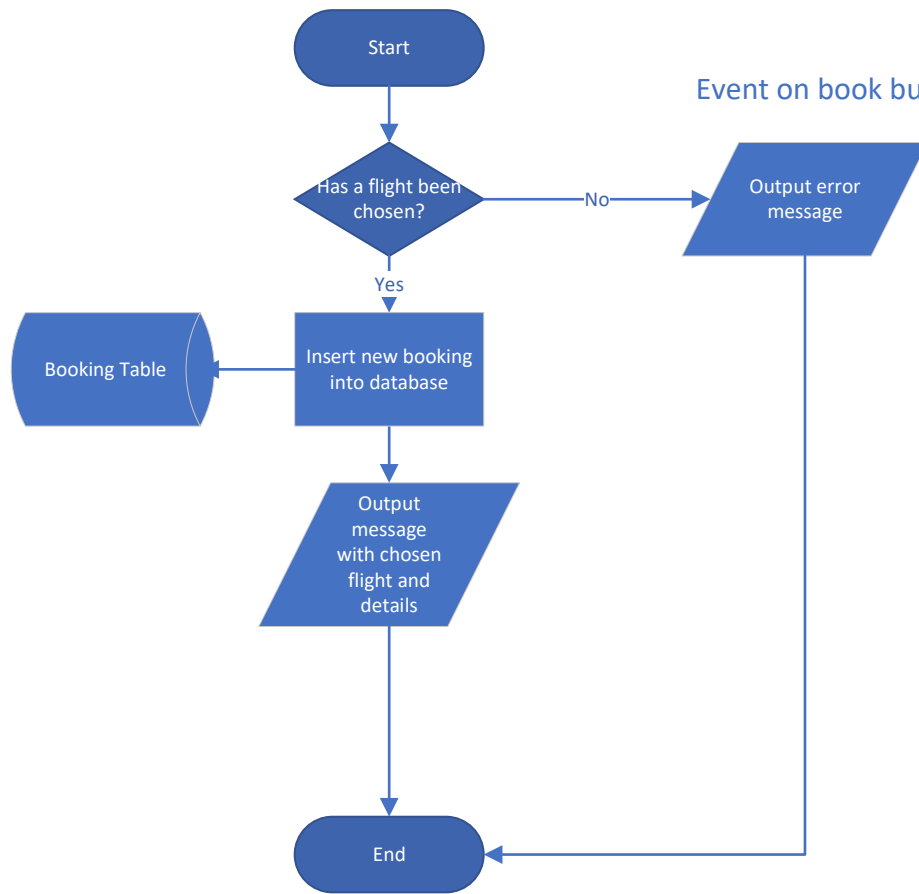


Go back button on sign up form

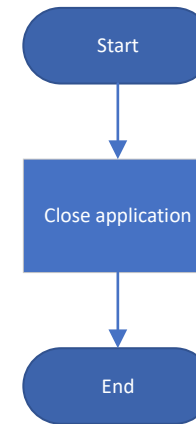




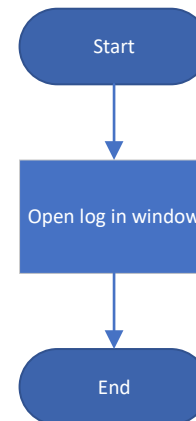
Event on book button on booking form



Event on log out button on booking form



Event on go back button on booking form



### User Table

Field Name	Description	Data Type	Validation	Sample Data
UserID <i>PRIMARY KEY</i>	This field contains the ID of each user logging on/signing up to the system.	Integer	Must be allocated by the database.	None
UserPassword	This field contains the password of each user going onto the system.	String	Must be present and at least 8 characters long.	cricket1
UserFirstName	This field contains the first name of the user.	String	Must be only having characters on the keyboard, no special characters – such as &^%/*.	Mark
UserSurname	This field contains the surname of the user.	String	Must be only having characters on the keyboard, no special characters – such as &^%/*.	Bamford
UserEmail	This field contains the email address of the user.	String	Must have an '@' sign in the form, if not then produce error message.	<a href="mailto:mark.bamford@gmail.com">mark.bamford@gmail.com</a>
UserName	This field contains the username of the user.	String	Must be at least 6 characters long.	mark.bamford

## Booking Table

Field Name	Description	Data Type	Validation	Sample Data
BookingID <i>PRIMARY KEY</i>	This field contains the user's unique booking reference number.	Integer	User successfully manages to book a flight, therefore creating a booking reference for that flight.	247896
DateBooked	This field contains the date when the user booked the flight.	Date	No validation should be needed because of the system clock should be in the correct format.	29/09/2021
DateRequired	This field contains the date when the user requires the flight.	Date	User selects a date for their trip. Must be between 1 and 31 days, and between 1 and 12 months, and up to 2 years in the future. Must be a valid date.	01/04/2022
TimeRequired	This field contains the date when the user intends to fly.	Date	User selects a time for their flight.	Depart London Gatwick 19:50 Arrive Stockholm Arlanda 21:00
NumAdults	This field contains the number of adults flying.	Integer	User selects the number of adults flying, or inputs them in a box. Must be a whole number and could be 0. Range check – between 0 and 9.	Adults = 3
NumChildren	This field contains the number of children flying.	Integer	User selects the number of children flying, or inputs them in a box. Must be a whole number and could be 0. Range check – between 0 and 9.	Children = 1
NumBags	This field contains the number of bags travelling.	Integer	User inputs the number of bags going on board. Range check – between 0 and 9.	Bags = 5
NumMeals	This field contains how many meals may be required.	Integer	User inputs the number of meals needed. Range	Meals = 0

			check – between 0 and 9.	
UserID <i>FOREIGN KEY</i>	This field contains the ID of each user logging on/signing up to the system.	Integer	Must be allocated by the database.	None
FlightNumber <i>FOREIGN KEY</i>	This field contains the flight number of the flight the user has wanted.	Integer	Must have two letters and up to 4 numbers.	BA1234

Flight Table

Field Name	Description	Data Type	Validation	Sample Data
FlightNumber <i>FOREIGN KEY</i>	This field contains the flight number of the flight the user has wanted.	Integer	Must have two letters and up to 4 numbers.	BA1234
FromAIRPORT	This field contains the airport of where the user wants to go from.	String	Must have something entered. Presence check.	London Gatwick Airport, Horley, UK
ToAIRPORT	This field contains the airport of where the user wants to go.	String	Must have something entered. Presence check.	Stockholm Arlanda Airport, Sigtuna, Sweden
DayofWeek	This field contains the day of the week when the user intends to fly.	String	A valid day must be entered, not something like 'Mednesday'. Selection check.	Monday
TimeofFlight	This field contains the time when the user intends to fly.	String	A valid time must be entered, not something like '26:05'. Range check.	23.05