

Work in groups. Do the exploratory session of the FTB application for the following parts of it:

4.Login (Irina, Oksana, Andrey)

Output: Video file with mini tech talk (5-15 min). Please add the link to the file to the homework of each member of the group. The grade will be the same for all the members of a group.

<https://www.youtube.com/watch?v=X1LgFL-uSYQ> - Video file with mini tech talk

<https://drive.google.com/file/d/1rxTRQWZcH51q0c7S85WoEBa0tvjO2tTX/view> - Xray User Interface exploratory session

Hello my name is Irina.

We have a task to do the exploratory session of the FTB application. In Particular, we need to talk about the functionality of login part.

I will tell you about UI

We have 3 users:

- Admin
- Agent
- Guest


And different application scenarios for each role:

Administrator (login john, password john123):


- See homepage with general information
- See Airports List. Add, edit , delete Airports(Airport\_ID, Airport Code, Airport Name, City, State, Country)
- See all flights (FLIGHT\_ID,Flight Number, From, To, Departure, Arrival, Status, Gate, Flight Charge, Aircraft, Available Seats). Add, cancel flights.
- See Aircrafts List. Add, edit , delete Aircrafts. (ID,Manufacturer, Model, Number of seats)
- Search for flights (From, To, Departure time)
- Verify Booking (Flight Id, Passenger Id)

Agent (login mike, password mike123):

- See homepage with general information
- See all flights (FLIGHT\_ID,Flight Number, From, To, Departure, Arrival, Status, Gate, Flight Charge, Aircraft, Available Seats)
- Book a Flight (From, To, Departure time) , button Book, if there are available seats

 FTB

[Home](#) [Flights](#) [Book Flight](#) [Search Flight](#) [Verify Booking](#)

 mike

[Logout](#)

## Book a Flight

From


Nick Overtime

To

Nick Overtime

Departure Time

mm/dd/yyyy



Search

## Result

Flight ID	Number	From	To	Departure	Arrival	Flight Charge	Aircraft	Available Seats	
10	LD-6875	Gladys Eeya	Sally Mander	2022-09-25 Sun Sep 25 08:55:01 UTC 2022	2022-09-27 Sun Sep 25 07:54:11 UTC 2022	412.7911070439199	B-787	335/350	<div>Book</div>

- Search for flights (From, To, Departure time)

# Confirmation Page

## Aero Travel

Flight Id: 10

Passenger Id: 3776

### Customer Info

ID	First Name	Last Name	Phone Number	Passport Number	Email
3776	Irina	Papara	+491744968835	312132132132	ira.papara@gmail.com

### Flight Info

Flight Number	From	To	Departure	Arrival	Flight Charge	Aircraft
LD-6875	Gladys Eeya	Sally Mander	2022-09-25 Sun Sep 25 08:55:01 UTC 2022	2022-09-27 Sun Sep 25 07:54:11 UTC 2022	412.7911070439199	B-787

- Verify Booking (Flight Id, Passenger Id). Cancellation of a previously booked ticket

## Verify Booking

In order to verify your ticket please provide your Flight Id and Passenger Id below.

Flight Id

Passenger Id

Search

Verified Successfully!

### Customer Info

ID	First Name	Last Name	Phone Number	Passport Number	Email
3776	Irina	Papara	+491744968835	312132132132	ira.papara@gmail.com

### Flight Info

Flight Number	From	To	Departure	Arrival	Flight Charge	Aircraft
LD-6875	Gladys Eeya	Sally Mander	2022-09-25 Sun Sep 25 08:55:01 UTC 2022	2022-09-27 Sun Sep 25 07:54:11 UTC 2022	412.7911070439199	B-787

Cancel booking

### Customer or Regular user (no login/password required):

- See homepage with general information
- See all flights (FLIGHT\_ID, Flight Number, From, To, Departure, Arrival, Status, Gate, Flight Charge, Aircraft, Available Seats)
- Search for flights (From, To, Departure time)
- Verify Booking (Flight Id, Passenger Id)

I will use Devtools with this tool we can see a lot of useful information

There are different panel in Devtools:

- Elements tab allows us to view the page's source HTML code, and shows the page's DOM. There is a pointer for quick navigation in the tree. It is possible to edit the DOM. Also, there is a Styles sub-panel so it is possible to view all the CSSs applied.
- Console. The Console tab is the place to see JavaScript log entries (warnings, error messages, etc). It is also possible to execute JavaScript code here. There will be messages if the JS code author included that feature in the code. Otherwise, there will be no messages in the Console.

- **Sources.** The Sources tab is like a table of content - it shows the source files that form the web page. Source files include HTML, JavaScript, CSS, images, and so on. It is possible to view a source file or save it for further investigation.
- **Network.** It records network activity (requests and responses) so it is possible to understand what was sent and what was received. The tab also shows request execution time so slow communications could be spotted. Another feature here is changing network communication speed (throttling) so a test engineer could examine the application under test in "bad internet" conditions.

## Defects:

1.1 If we make the panel for Devtools larger, then we don't see the login button, and other buttons that were on the blue panel. They have disappeared

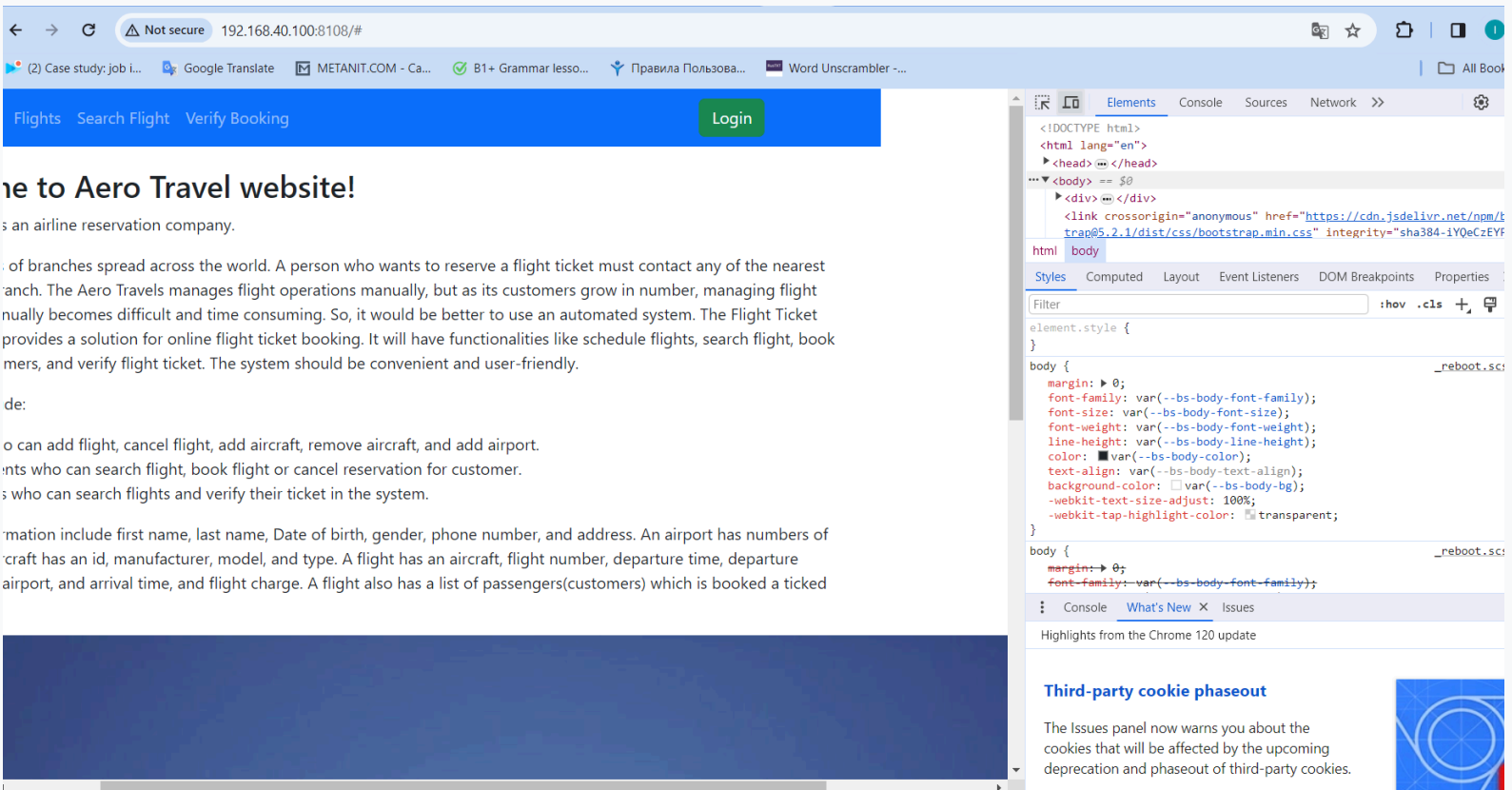
1.2 big plane on the bottom does not change its size, when we need a small screen

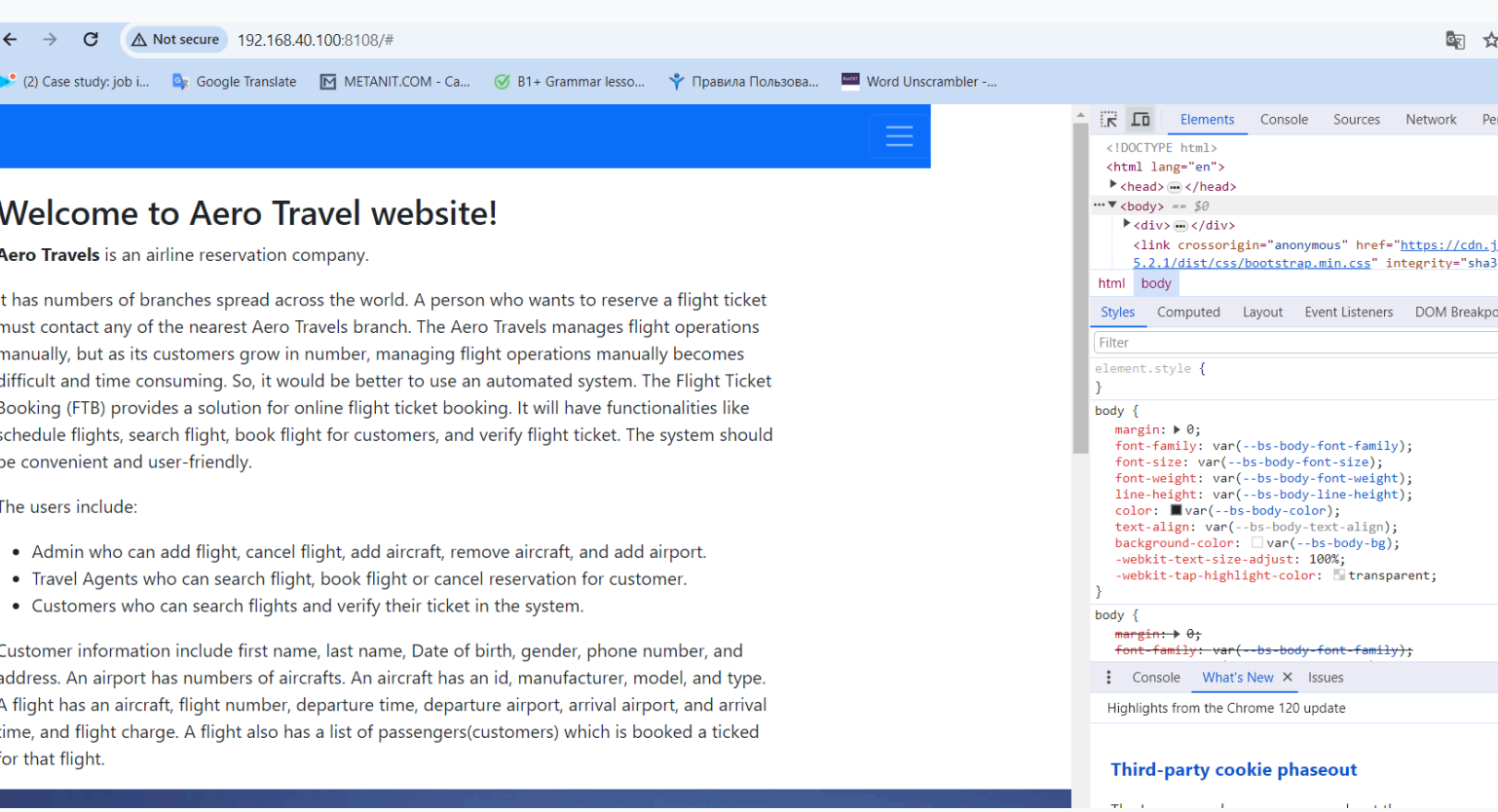
1.3 the button in the left corner does not work in a small size

1.4. It does not sort by id (Airports, Aircrafts, Flights pages)

1.5. The pagination at the bottom of the page is too long, it doesn't fit on one page (Airports, Aircrafts, Flights pages)

1.1. We can see one defect on the homepage with the login button. If the panel for Devtools is not large, than we can see login button

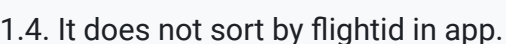




1.2. All the information on the page becomes smaller, except for the image with the big plane, it does not change and remains large in size, as it was at the beginning

If we change the size of the screen with the Toggle device toolbar , we can see the same picture: the size of the big plane does not change.

1.3. And they do not open if we press button in the left corner



# Flights List

Flight			
ID	Number	From	To
5715	4K7481	Nick O'Teen	ghj
5737	FC536	Brooke Trout	Ouesso
5711	4A4872	Rocky Rhoades	Yule B. Sari
5718	JL8244	o5678	Charles
5600	dubai-dallas110	string	Nick Overtime

1.5. The pagination at the bottom of the page is too long, it doesn't fit on one page

		Airport	Airport	10.09.19 UTC 2022	10.09.01 UTC 2022						
10	LD-6875	Gladys Eeya	Sally Mander	2022-09-25 Sun Sep 25 08:55:01 UTC 2022	2022-09-27 Sun Sep 25 07:54:11 UTC 2022	412.7911070439199	B-787	336/350	...	Cancel	
9	IB-3042	Chicago Airport	Hy Ball	2022-10-09 Sun Sep 25 07:18:57 UTC 2022	2022-10-10 Sun Sep 25 01:06:28 UTC 2022	255.41547111318354	Su-35	259/263	...	Cancel	

With Sources we can see the image of the plane aero-ico.png

FTBHomeAirportsAircraftsFlightsSearch FlightVerify Booking

johnLogout

Flights List

Add Flight

Flight ID	Number	From	To	Departure	Arrival	Gate	Status	Flight Charge	Aircraft	Available Seats
1	ZY-8171	string	Gladys Eeya	2022-09-25 Sun Sep 25 00:22:33 UTC 2022	2022-09-26 Sun Sep 25 01:26:09 UTC 2022			746.8465246989646	Il-2	-5/1
8	WY-6811	Chicago Airport	Chicago Airport	2022-09-25 Sat Sep 24 18:38:19 UTC 2022	2022-09-27 Sun Sep 25 15:38:01 UTC 2022			54.71442346861982	Tu-204	562/575
10	LD-6875	Gladys Eeya	Sally Mander	2022-09-25 Sun Sep 25 08:55:01 UTC 2022	2022-09-27 Sun Sep 25 07:54:11 UTC 2022			412.7911070439199	B-787	336/350
9	IB-3042	Chicago Airport	Hy Ball	2022-10-09 Sun Sep 25 07:18:57 UTC 2022	2022-10-10 Sun Sep 25 01:06:28 UTC 2022			255.41547111318354	Su-35	259/263
17	JE-9752	Therese R. Green	Hy Ball	2022-10-13 Fri Oct 14 00:22:40 UTC	2022-10-14 Thu Oct 13 00:16:56			36.494411168944936	Yak-42	45/50

We can see flights, login - html

ElementsConsoleSourcesNetworkPerformanceMemoryApplicationSecurity

PageWorkspace>>

logindelete?flightId=1aero-ico.pngflights

top

192.168.40.100:8108

flight

delete?flightId=1

img

aero-ico.png

flights

login

cdn.jsdelivr.net

npm

@popperjs/core@2.11.6

dist/umd

popper.min.js

src

dom-utils

modifiers

utils

createPopper.js

enums.js

popper-lite.js

popper.js

bootstrap@5.2.1

1<!DOCTYPE html>

2<html lang="en">

3<html lang="en" xmlns:layout="http://www.ultraq.net.nz/thy

4<head>

5<meta charset="UTF-8">

6<title>Flights</title>

7<div>

8<link crossorigin="anonymous" href="https://cdn.js

9integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzC

10rel="stylesheet">

11</div>

12<style type="text/css"></style>

13</head>

14<body>

15<div>

16<nav class="navbar navbar-expand-lg navbar-dark bg-pri

17<a class="navbar-brand" href="#">

18

19FTB

20</a>

21

22<button aria-controls="navbarColor02" aria-expande

23data-target="#navbarColor02" data-toggle=""

24<span class="navbar-toggler-icon"></span>

25</button>

26

27<div class="collapse navbar-collapse" id="navbarCo

28<ul class="navbar-nav mr-auto">

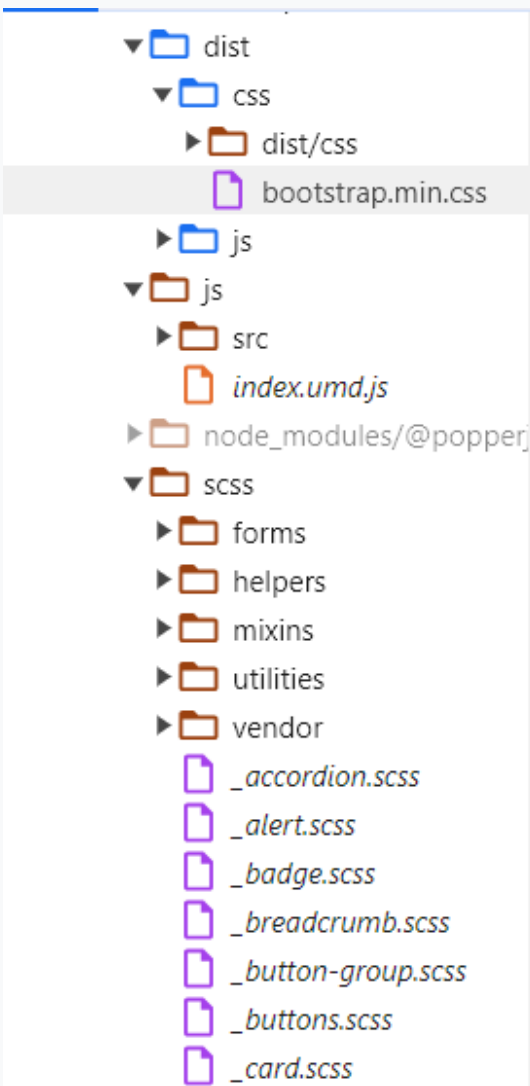
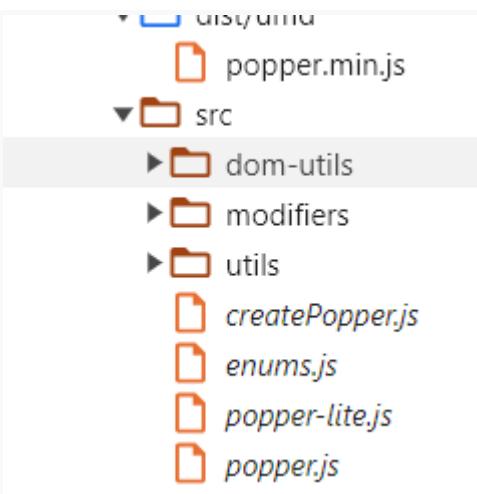
29<li class="nav-item active">

30<a id = "aHome" class="nav-link" href=

Javascript files with .js on the end. The folders dom-utils, modifiers, utils have inside javascript files.

Css files are bootstrap.min.css and in folder scss.

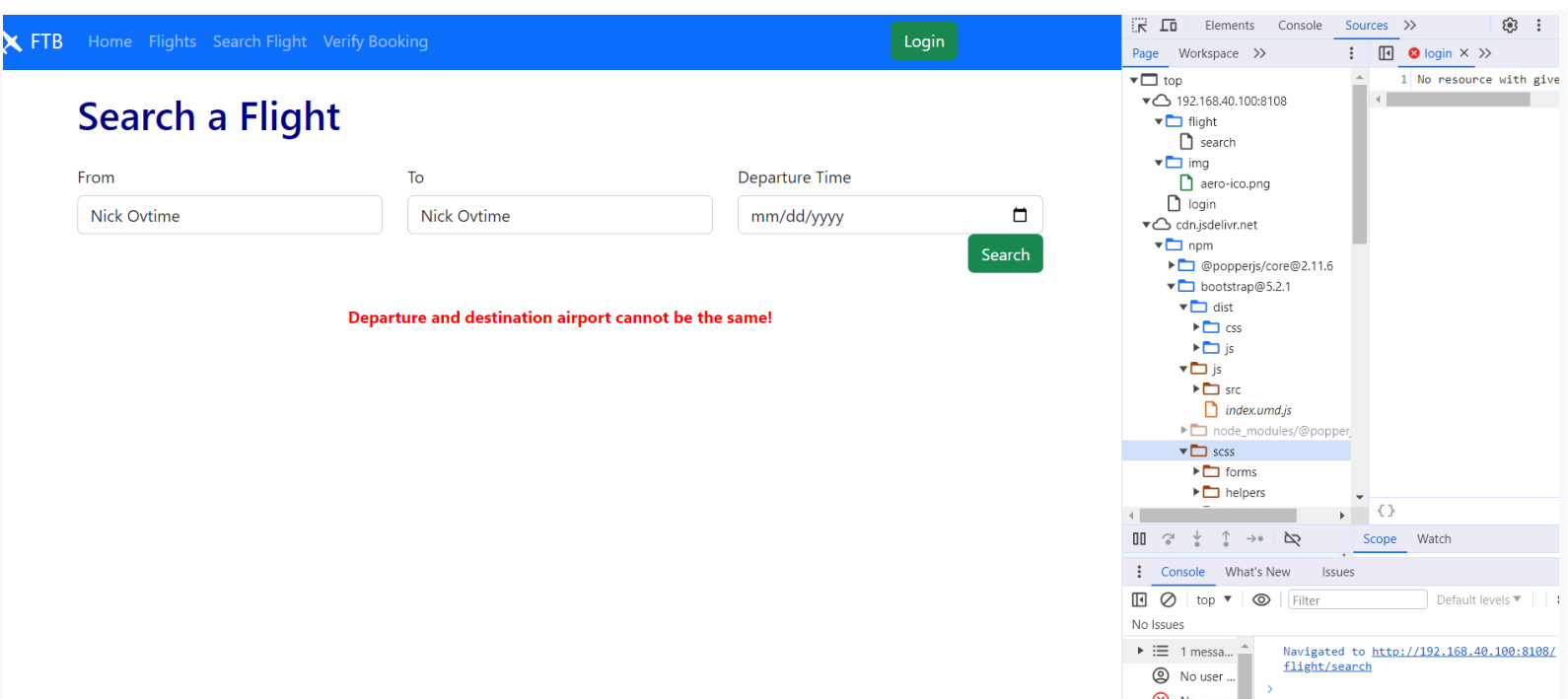




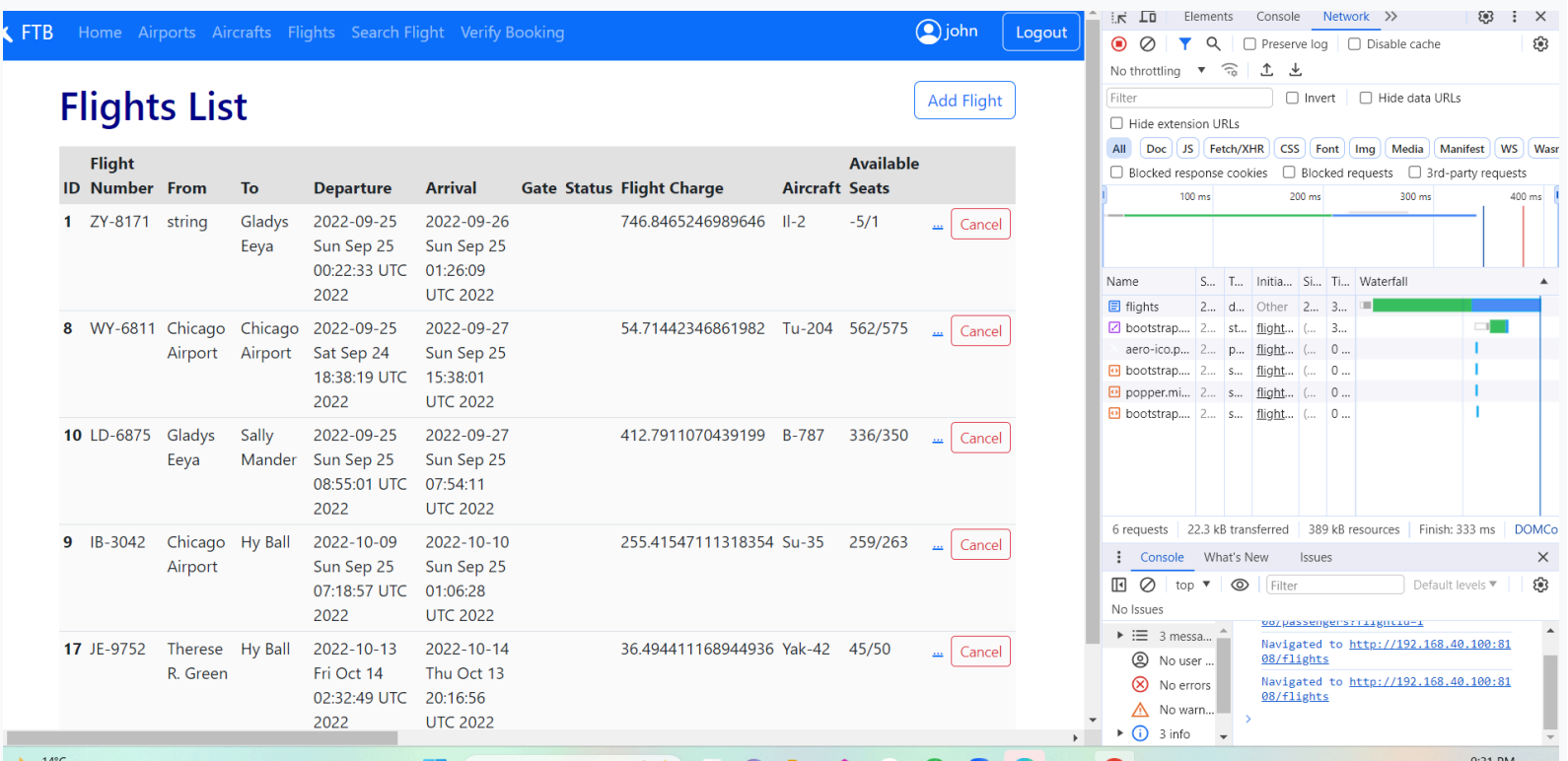
```
1  @charset "UTF-8";/*!  
2  * Bootstrap v5.2.1 (https://getbootstrap.com/)  
3  * Copyright 2011-2022 The Bootstrap Authors  
4  * Copyright 2011-2022 Twitter, Inc.  
5  * Licensed under MIT (https://github.com/twbs/bootstrap)  
6  */  
- :root {  
-   --bs-blue: #0d6efd;  
-   --bs-indigo: #6610f2;  
-   --bs-purple: #6f42c1;  
-   --bs-pink: #d63384;  
-   --bs-red: #dc3545;  
-   --bs-orange: #fd7e14;  
-   --bs-yellow: #ffc107;  
-   --bs-green: #198754;  
-   --bs-teal: #20c997;  
-   --bs-cyan: #0dcaf0;  
-   --bs-black: #000;  
-   --bs-white: #fff;  
-   --bs-gray: #6c757d;  
-   --bs-gray-dark: #343a40;  
-   --bs-gray-100: #f8f9fa;  
-   --bs-gray-200: #e9ecef;  
-   --bs-gray-300: #dee2e6;  
-   --bs-gray-400: #ced4da;  
-   --bs-gray-500: #adb5bd;  
-   --bs-gray-600: #6c757d;  
-   --bs-gray-700: #495057;  
-   --bs-gray-800: #343a40;  
-   --bs-gray-900: #212529;
```

At the page of search flight we can see: image of the plane, js files, css files.





When we open Flights page, we can see request “flights” going to the server and some files which are requested from the server

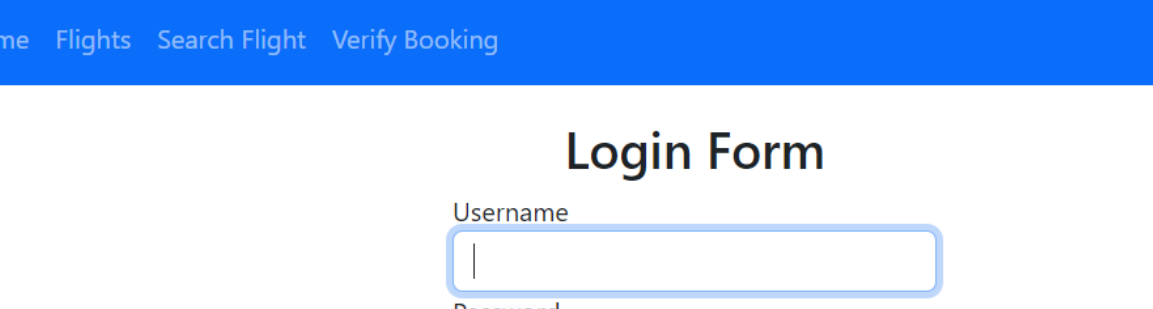


When we try to see passengers we can see request “passenger” going to the server and some files which are requested from the server

The screenshot shows the Chrome DevTools interface. The top bar includes tabs for Elements, Console, Network, Performance, Memory, Application, Security, and Extensions. The Network tab is active, displaying a list of requests. The first request, 'passengers?flightId=1', is selected, showing its details in the right-hand pane. The request method is GET, and the status is 200 OK. The response headers indicate 'no-cache, no-store, max-age=0, must-revalidate'. The console at the bottom shows five 'Navigated' messages, each corresponding to a request in the Network tab.

Request	Method	Status	Response Headers
passengers?flightId=1	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate
bootstrap.min.css	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate
aero-ico.png	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate
bootstrap.bundle.min.js	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate
popper.min.js	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate
bootstrap.min.js	GET	200 OK	no-cache, no-store, max-age=0, must-revalidate

- 



← → ↻ Not secure 192.168.40.100:8108/login

FTB Home Flights Search Flight Verify Booking Login

## Login Form

Username

Password

Cancel Sign In