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

- 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

192.168.40.100:8108/flight/book/verify-

- 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	A
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-

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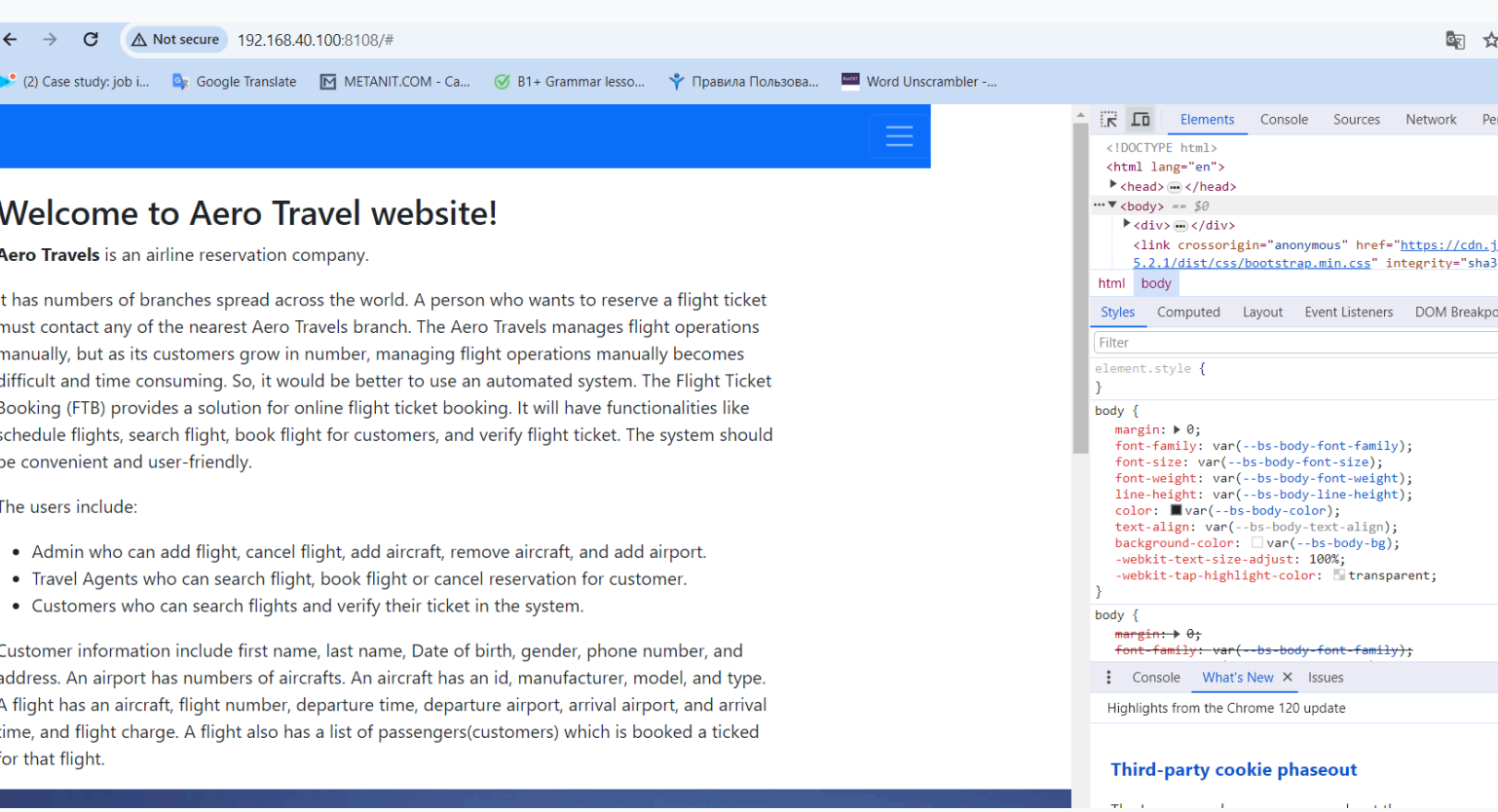
1.3 the button in the left corner does not work in a small size

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

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.
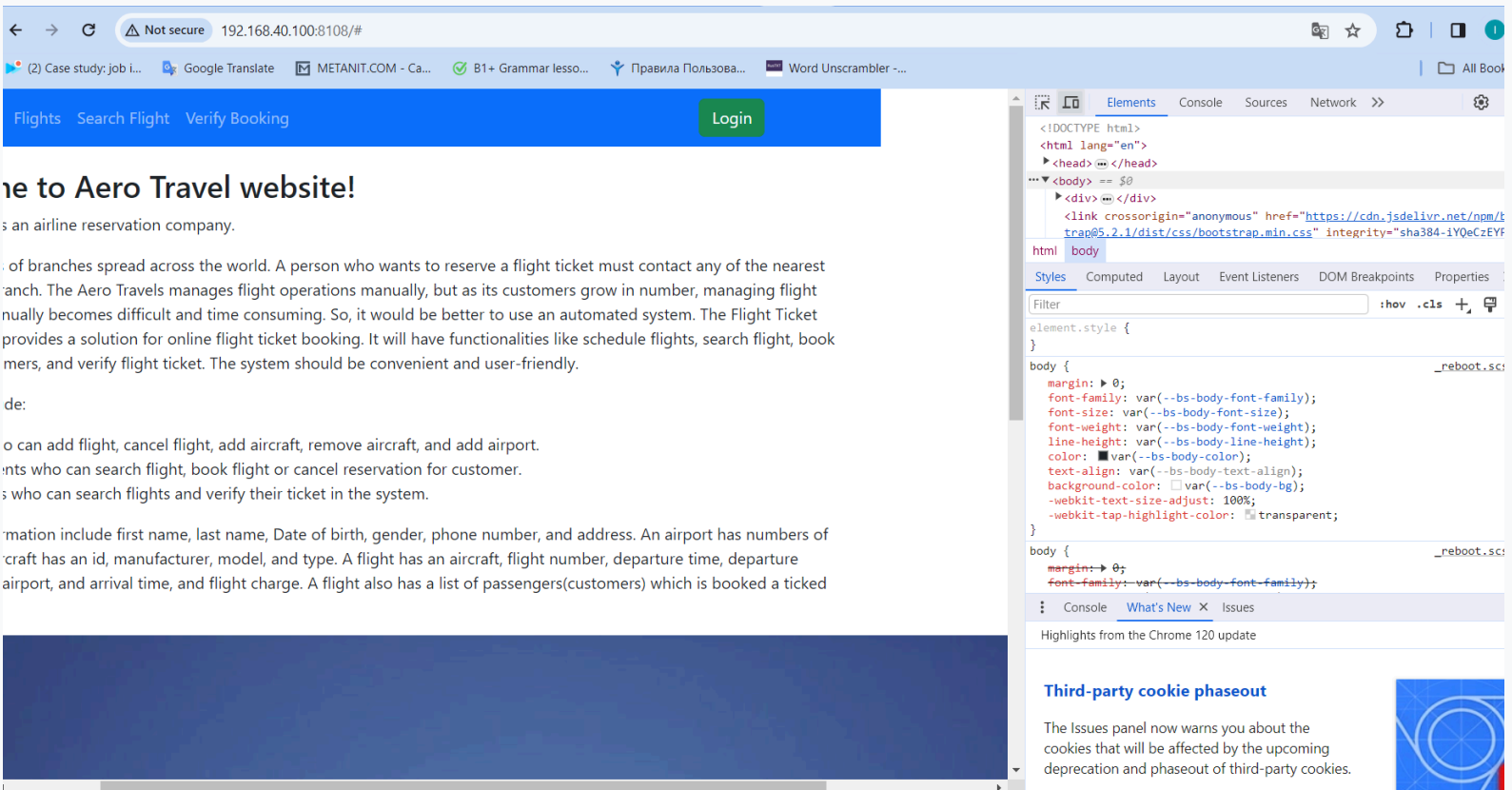

1.2. All the information on the page becomes smaller, except for the image with the big plane, it does not change and remains large in size, as it was at the beginning

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.

We do not see the buttons on the blue panel again.

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

1.4. It does not sort by flightid in app.
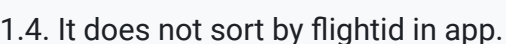
Flights List

ID	Flight 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 Ovtime

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

		Airport	Airport	10.50.19 UTC 2022	19.50.01 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

Pages: **1** 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

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

We can see flights, login - html

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.

```
  dist/umd
    popper.min.js
  src
    dom-utils
    modifiers
    utils
    createPopper.js
    enums.js
    popper-lite.js
    popper.js
```
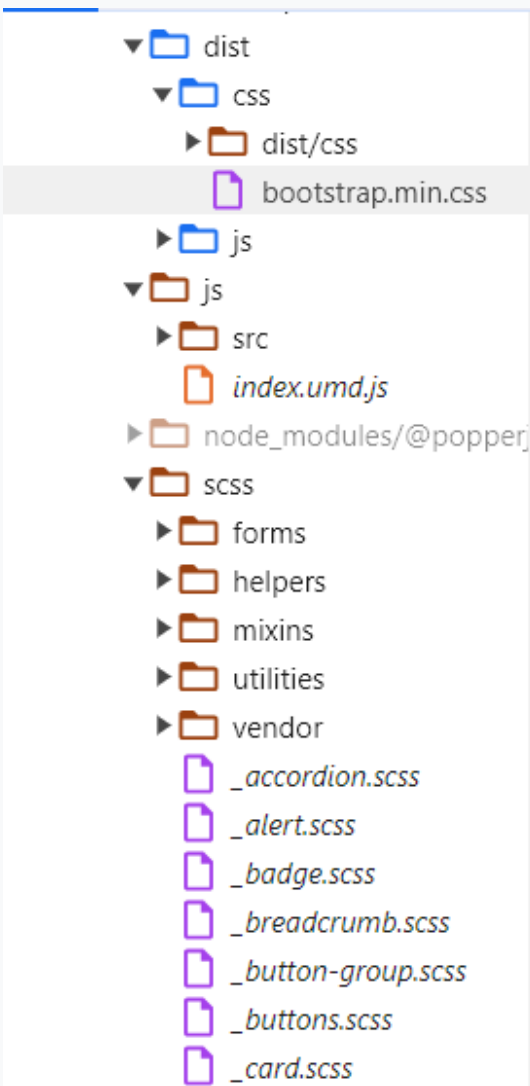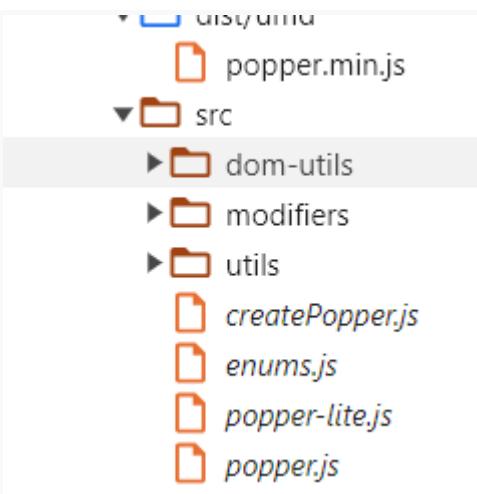
```
  dist                          1   @charset "UTF-8";/*!
    css                         2    * Bootstrap  v5.2.1 (https://getbootstrap.com/)
      dist/css                  3    * Copyright 2011-2022 The Bootstrap Authors
      bootstrap.min.css         4    * Copyright 2011-2022 Twitter, Inc.
    js                          5    * Licensed under MIT (https://github.com/twbs/bootstr
  js                            6    */
    src                         -   :root {
    index.umd.js                -       --bs-blue:    ■ #0d6efd;
  node_modules/@popper          -       --bs-indigo:  ■ #6610f2;
  scss                          -       --bs-purple:  ■ #6f42c1;
    forms                       -       --bs-pink:    ■ #d63384;
    helpers                     -       --bs-red:     ■ #dc3545;
    mixins                      -       --bs-orange:  ■ #fd7e14;
    utilities                   -       --bs-yellow:  ■ #ffc107;
    vendor                      -       --bs-green:   ■ #198754;
    _accordion.scss             -       --bs-teal:    ■ #20c997;
    _alert.scss                 -       --bs-cyan:    ■ #0dcaf0;
    _badge.scss                 -       --bs-black:   ■ #000;
    _breadcrumb.scss            -       --bs-white:   □ #fff;
    _button-group.scss          -       --bs-gray:    ■ #6c757d;
    _buttons.scss               -       --bs-gray-dark:  ■ #343a40;
    _card.scss                  -       --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.
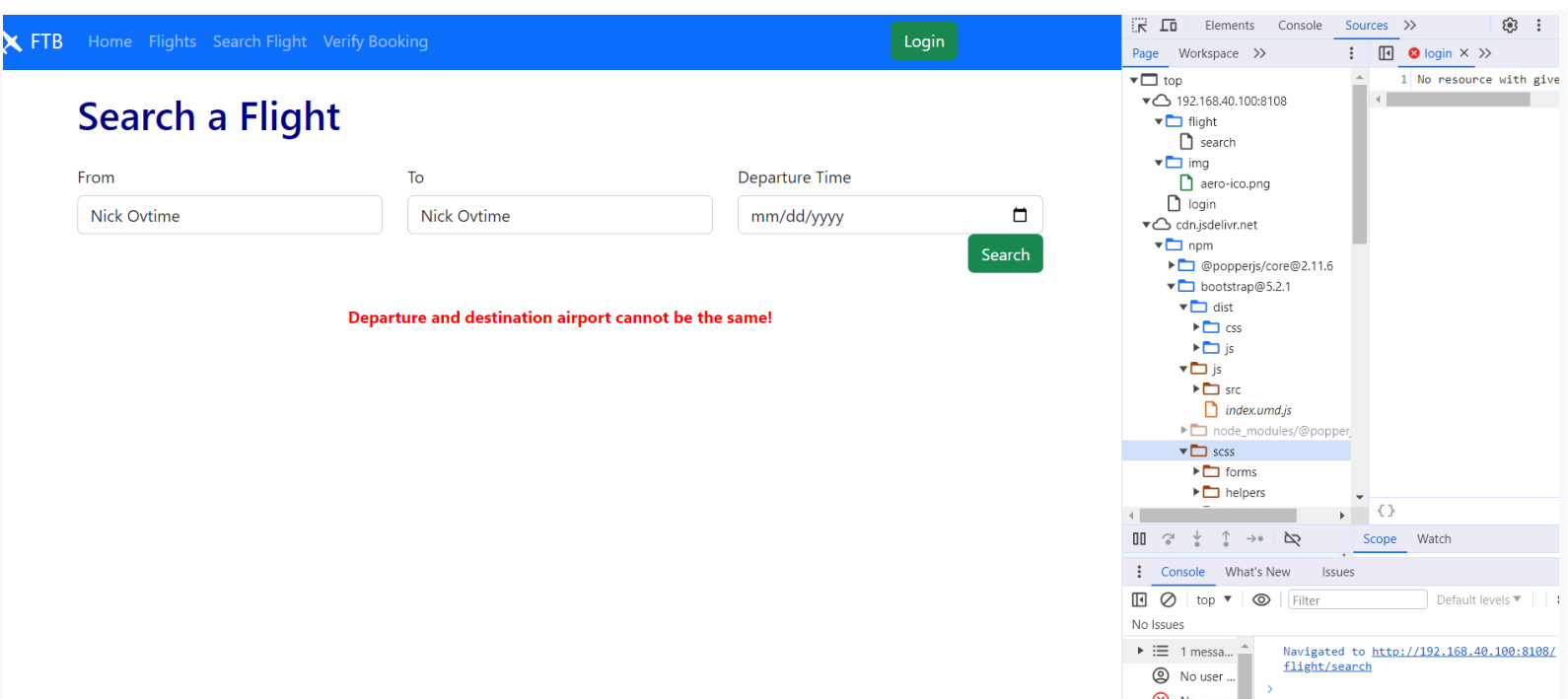
When we open Flights page, we can see request "flights" going to the server and some files which are requested from the server
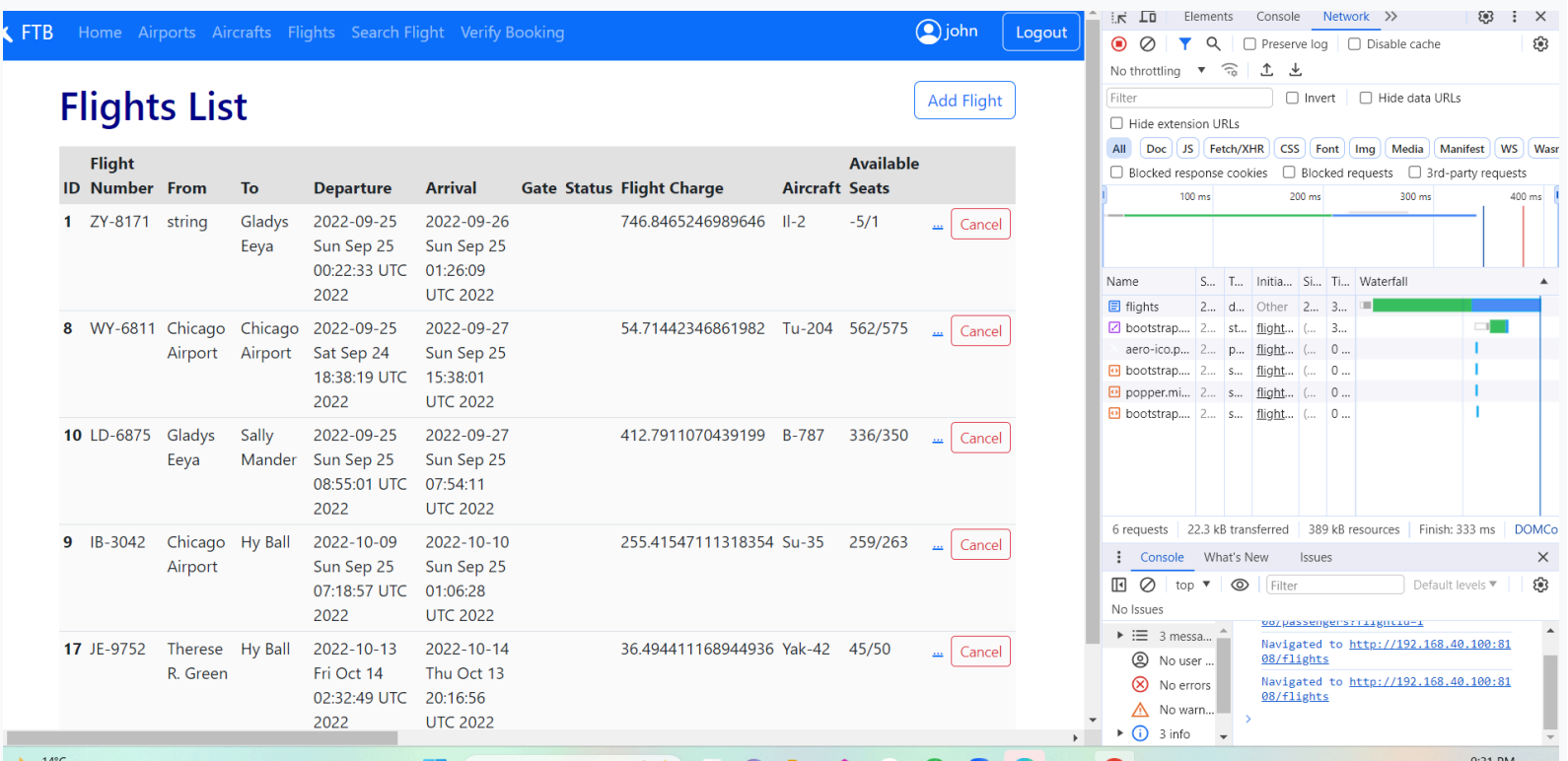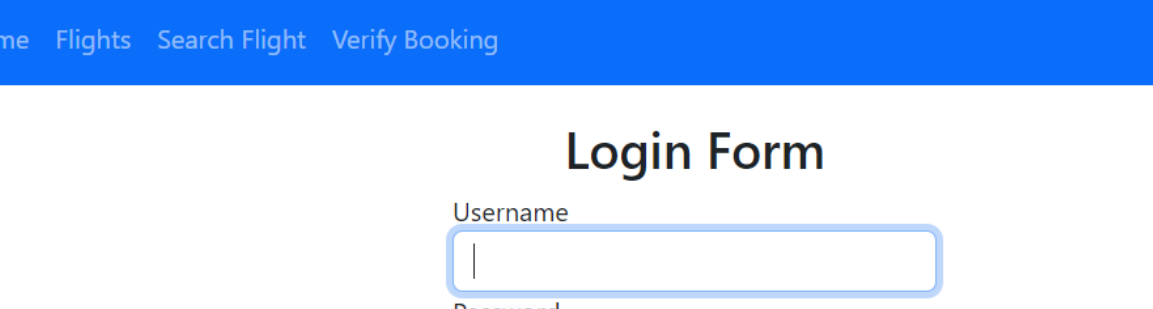

When we try to see passengers we can see request "passenger" going to the server and some files which are requested from the server

- **If we clear browser data (cash and cookies).** We need to login again