Social Media-Learning Platform

Aim and objective:

This project aims at building a social media-learning platform to give the user the ability to manage their learning road with the perfect road map which suitable to their requests by letting the users share their experiences. Through this application, we aim to help individual learners or teachers to start their careers in a successful and informative way, after collecting user information and start recommending the most useful courses depending on user knowledge.

Features:

1.User information page(profile)
2. User editable information
3. Recommendation system depending on user knowledge
4. Feed page for experiences and course sharing
5. Learn page to specify learner courses
6. Test page for user skills testing
7. Code page for most common codes used in the programming field
8. The ability to earn badges and points depending on user progress

Technologies:

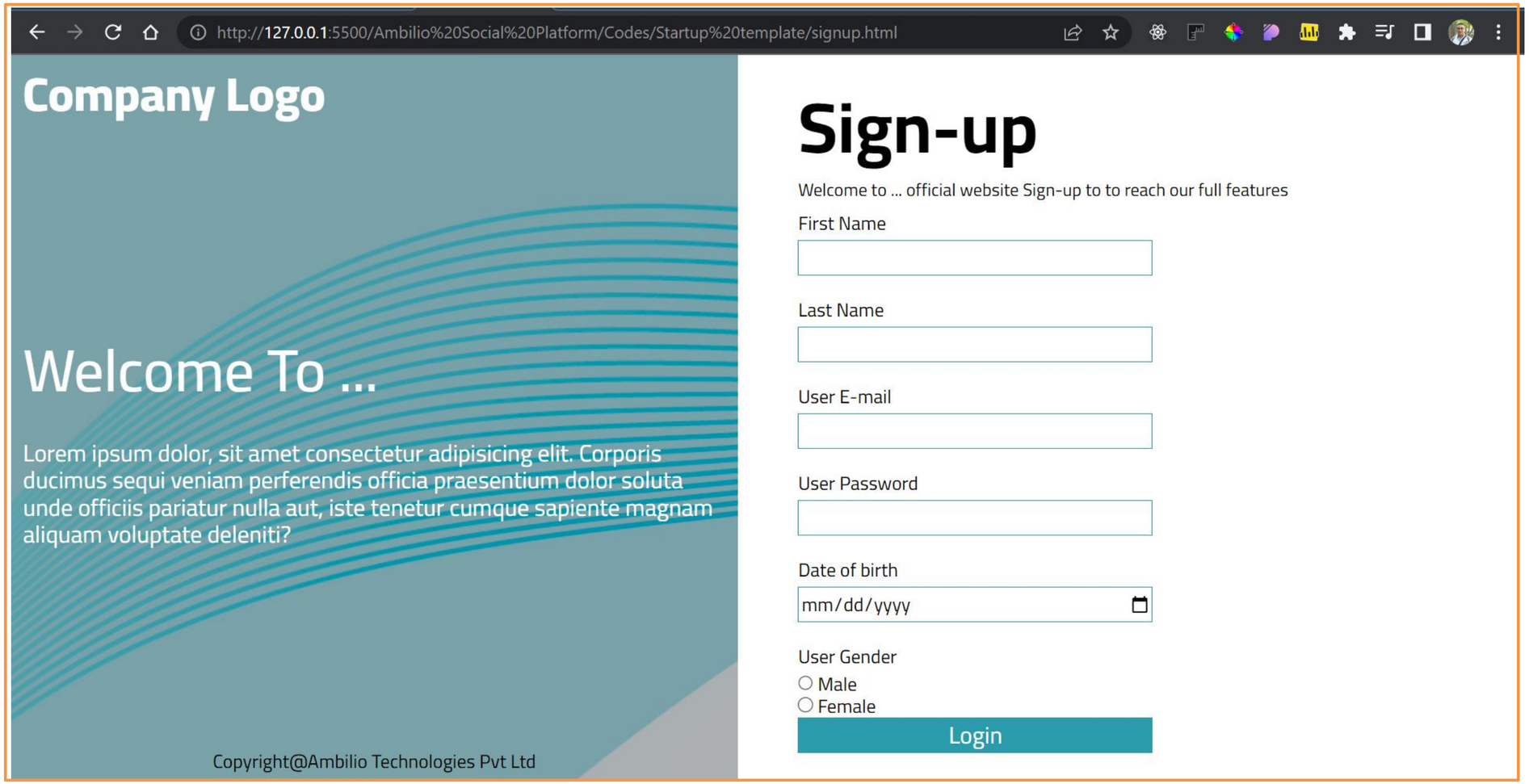
Full responsive UI(not completed yet):

1-HTML
2-CSS3
3-Font Awesome library
4-Normlize Library
5-javaScript

Completed prototype Pages :

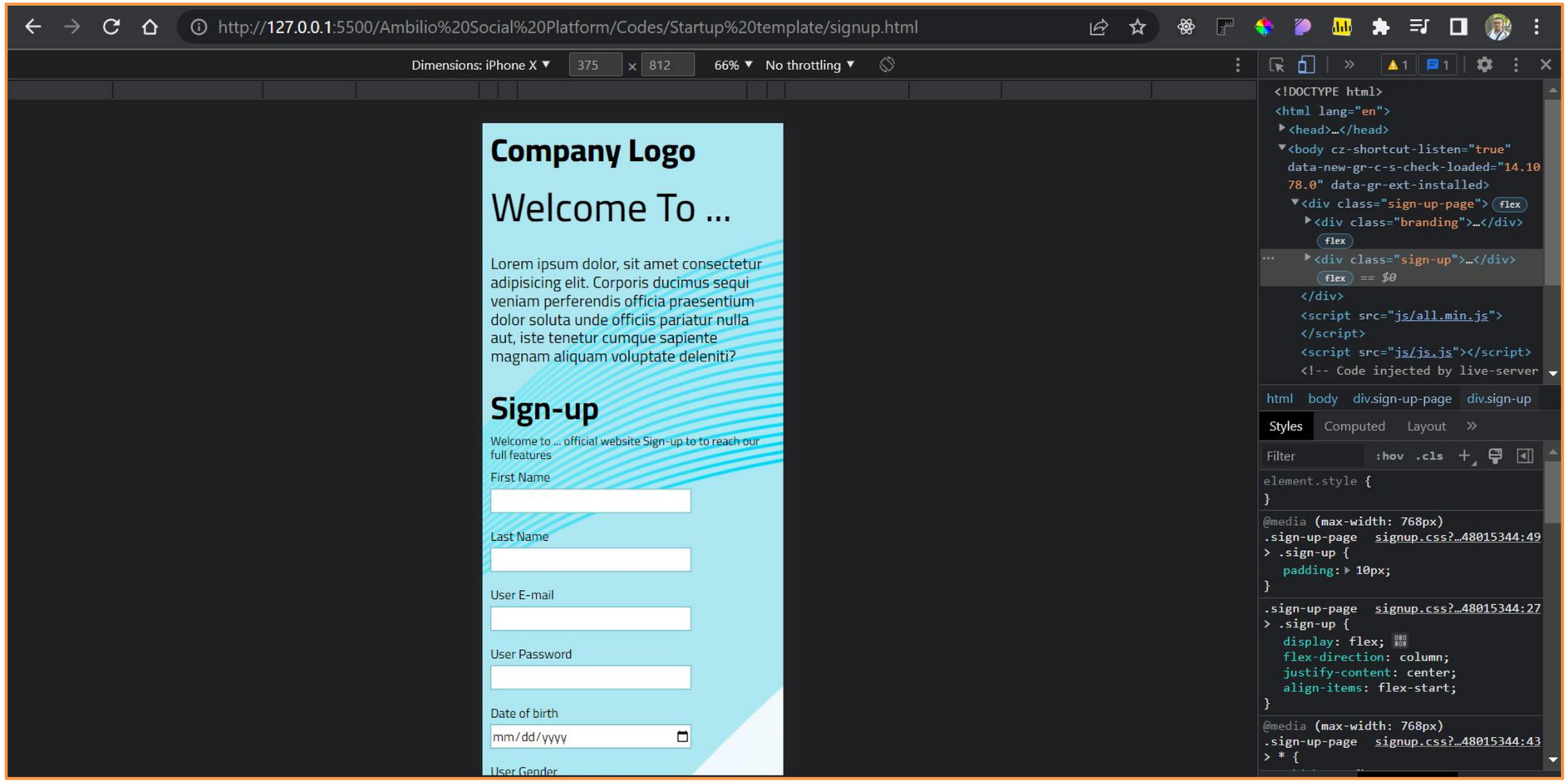
1-Sign up page

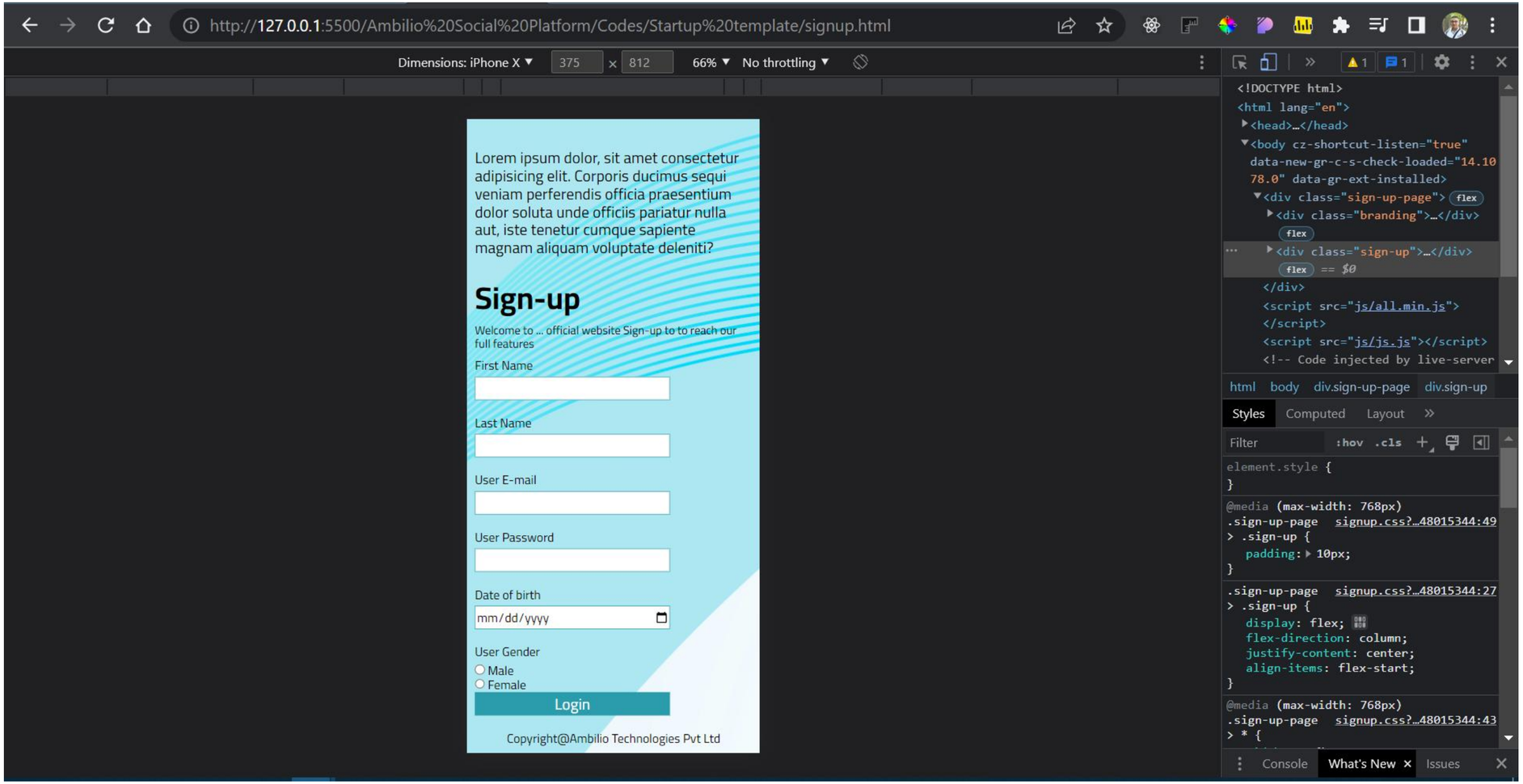
Overview on large screens :



Overview on small screens :

For Example Iphone X :




http://127.0.0.1:5500/Ambilio%20Social%20Platform/Codes/Startup%20template/signup.html
Dimensions: iPhone X
375
812
66%
No throttling
Lorem ipsum dolor, sit amet consectetur adipisicing elit. Corporis ducimus sequi veniam perferendis officia praesentium dolor soluta unde officiis pariatur nulla aut, iste tenetur cumque sapiente magnam aliquam voluptate deleniti?
Sign-up
Welcome to ... official website Sign-up to to reach our full features
First Name
Last Name
User E-mail
User Password
Date of birth
mm/dd/yyyy
User Gender
Male
Female
Login
Copyright@Ambilio Technologies Pvt Ltd
<!DOCTYPE html>
<html lang="en">
<head>…</head>
<body cz-shortcut-listen="true" data-new-gr-c-s-check-loaded="14.1078.0" data-gr-ext-installed>

…
…

<script src="js/all.min.js">
</script>
<script src="js/js.js"></script>
<!-- Code injected by live-server
html body div.sign-up-page div.sign-up
Styles Computed Layout
Filter :hov .cls
element.style {
}
@media (max-width: 768px)
.sign-up-page signup.css?…48015344:49
> .sign-up {
padding: 10px;
}
.sign-up-page signup.css?…48015344:27
> .sign-up {
display: flex;
flex-direction: column;
justify-content: center;
align-items: flex-start;
}
@media (max-width: 768px)
.sign-up-page signup.css?…48015344:43
> * {
Console What's New Issues

Basic Animation for Sign up page :

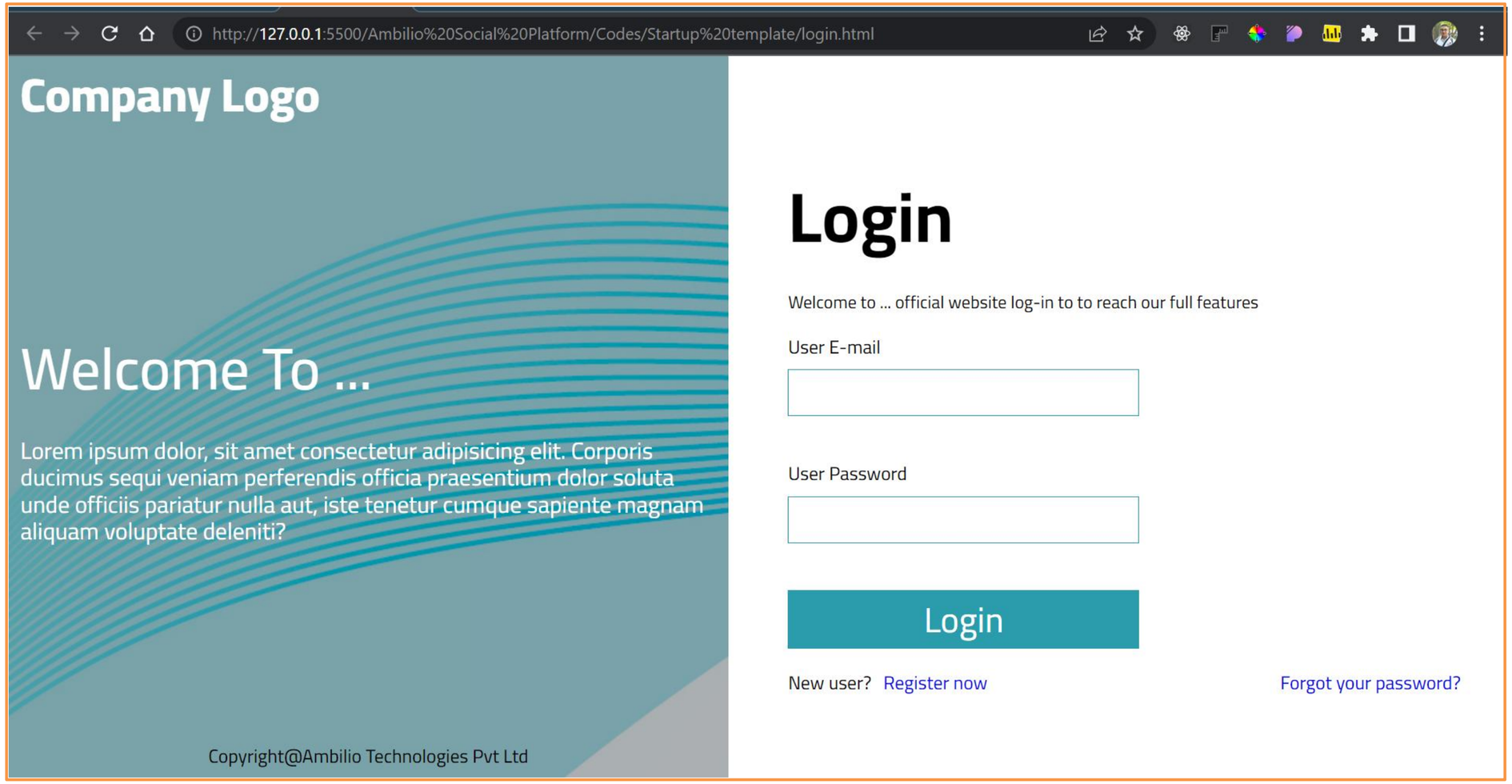
Shadow box on focused input field :

Unfocused :

Focused :

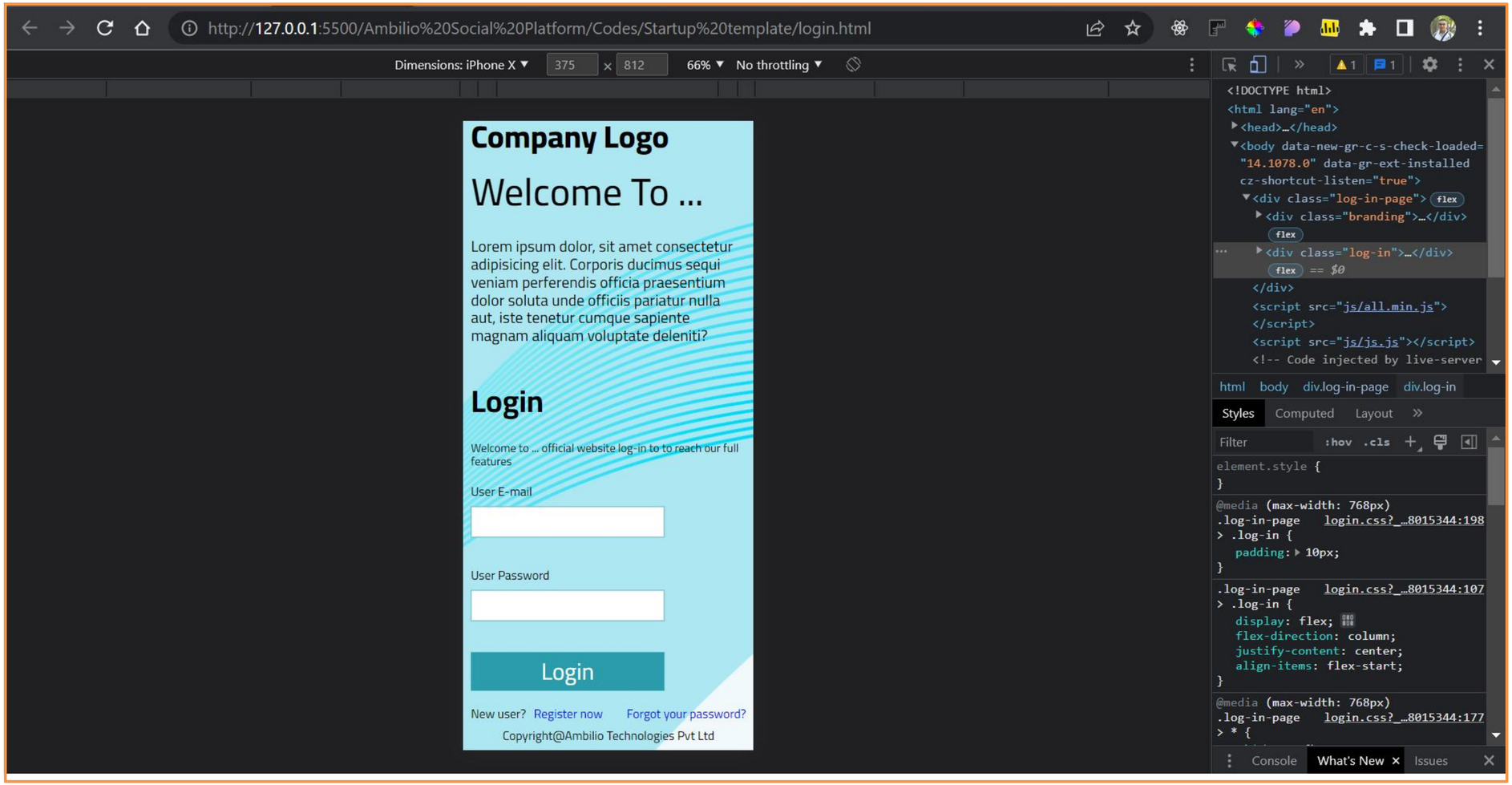
2-Log In page

Overview on large screens :



Overview on small screens :

For Example Iphone X :



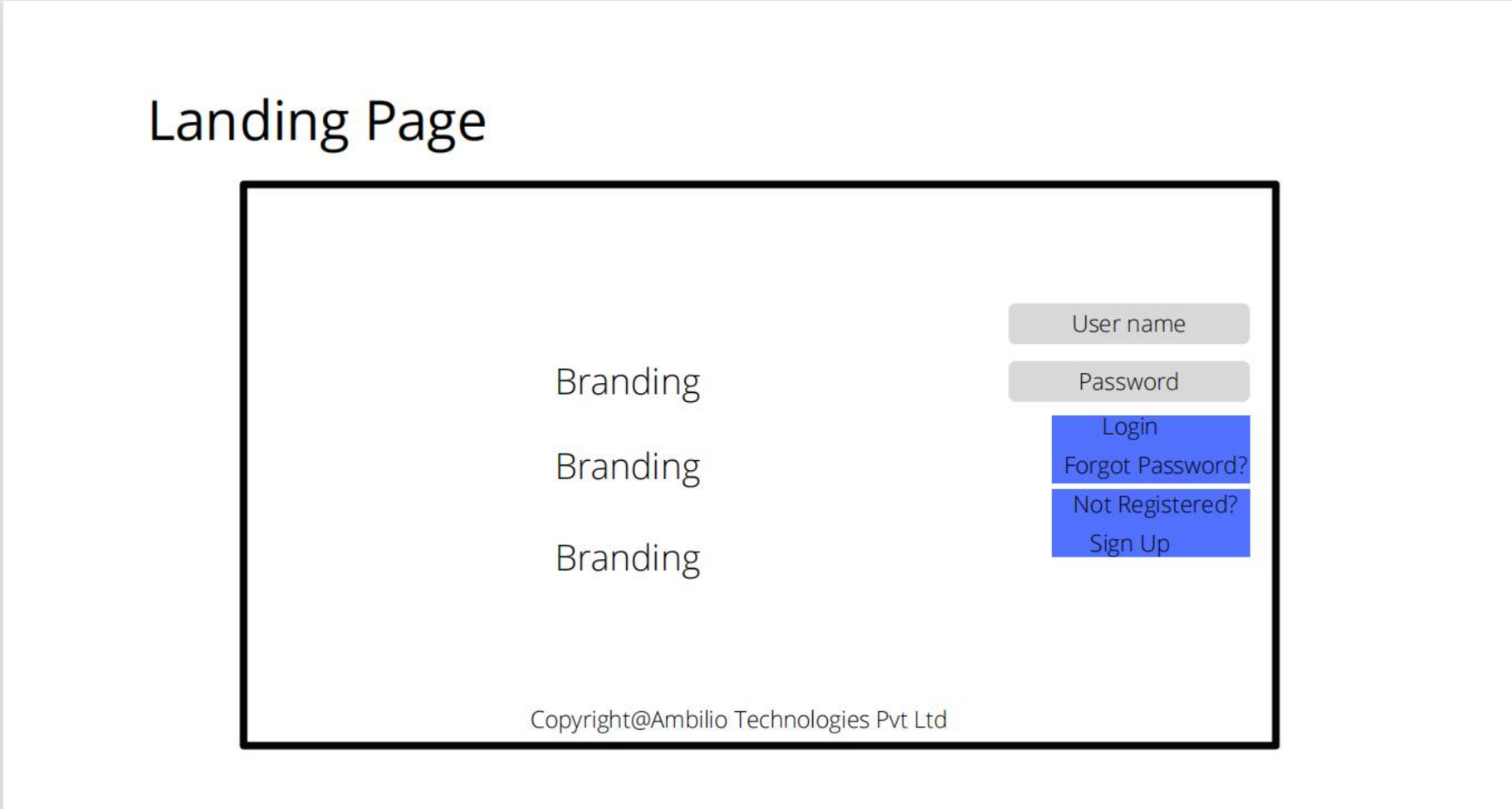
Basic Animation for Sign up page :

Shadow box on focused input field :

Unfocused :

Focused :

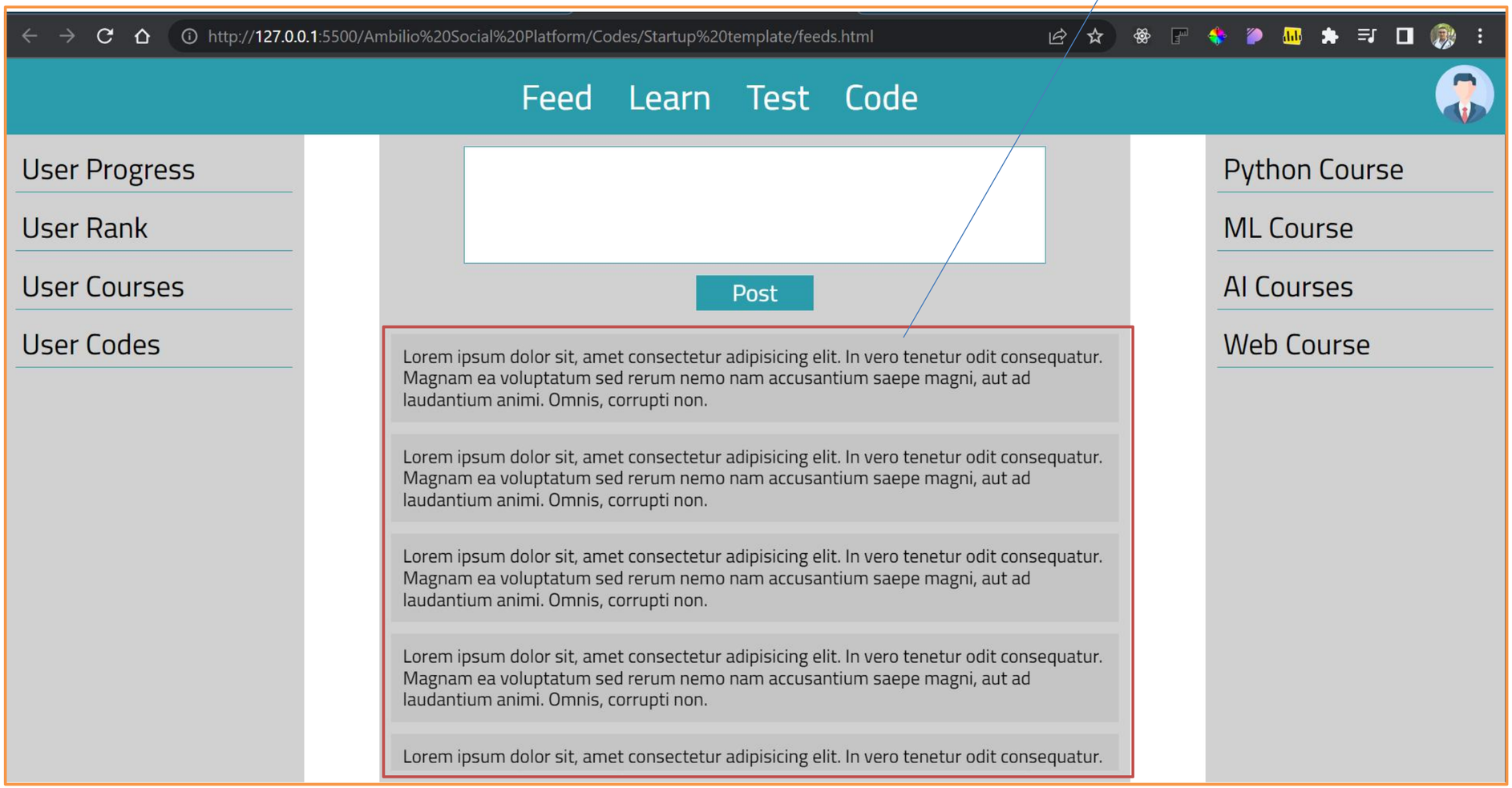
Prototype sketch for Log-in / Sign up page :



3-Feeds Page :

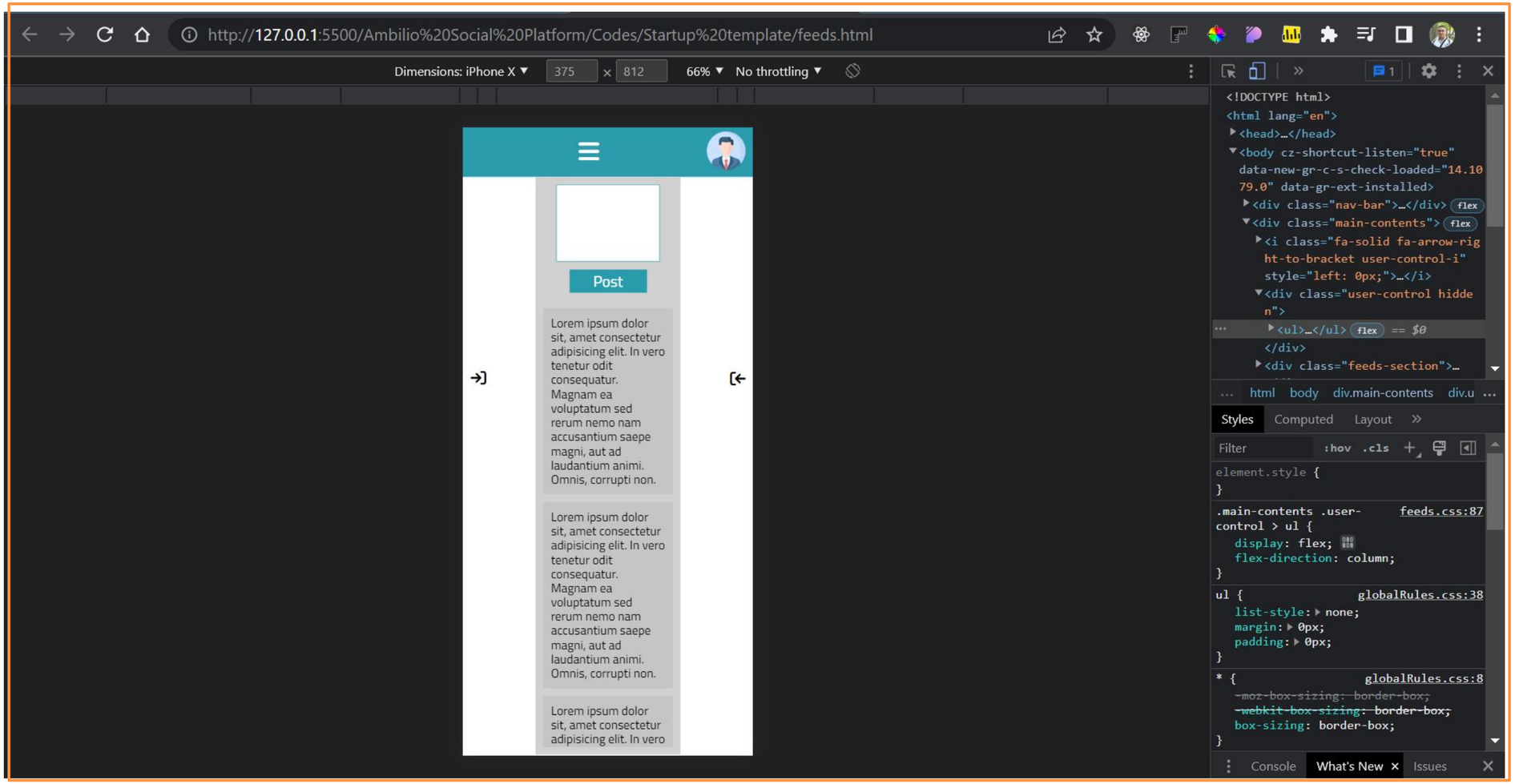
Overview on large screens :

Demo posts with ability to scroll down only for feeds part just like Linked-In



Overview on small screens :

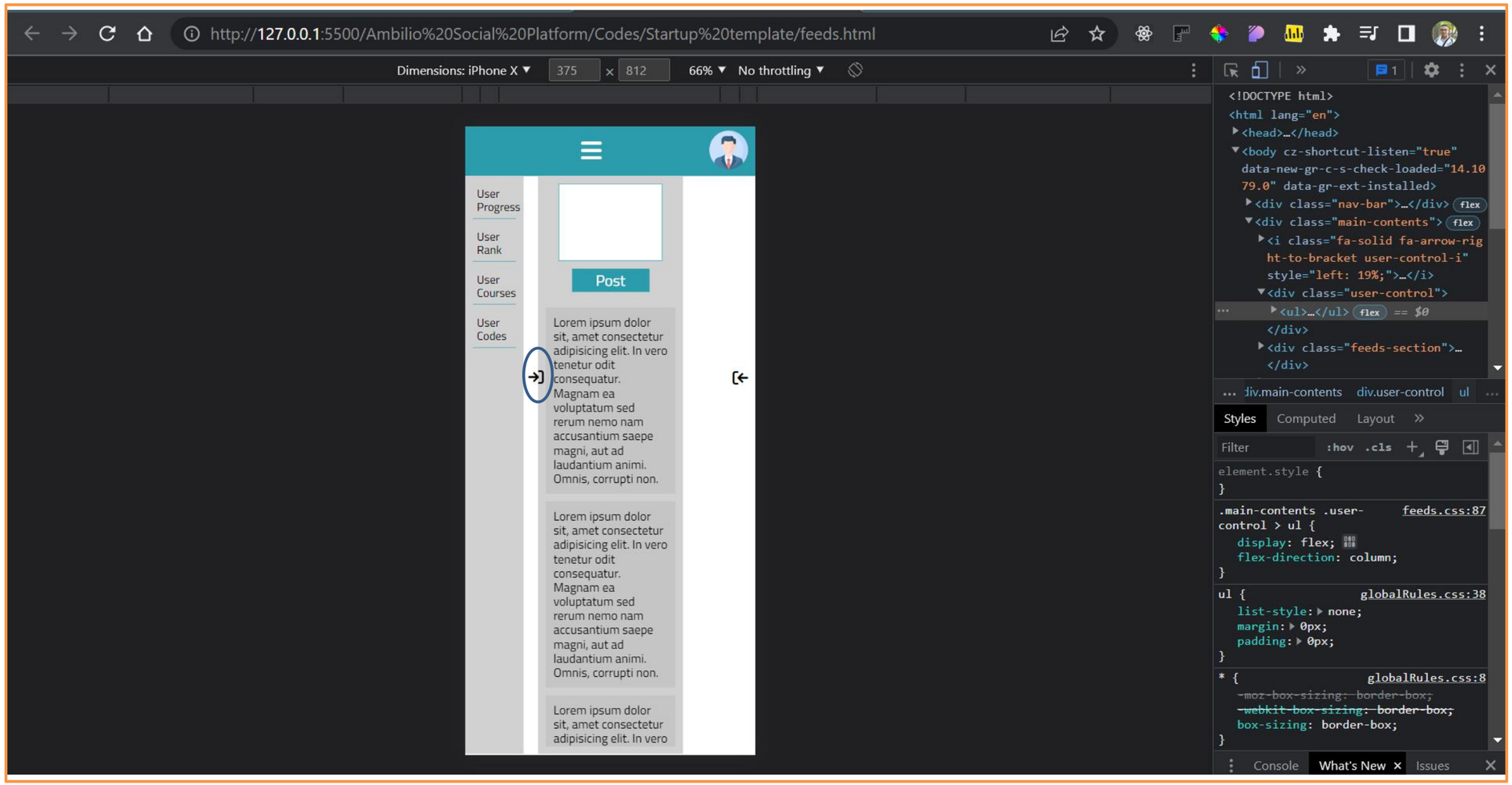
For Example Iphone X :



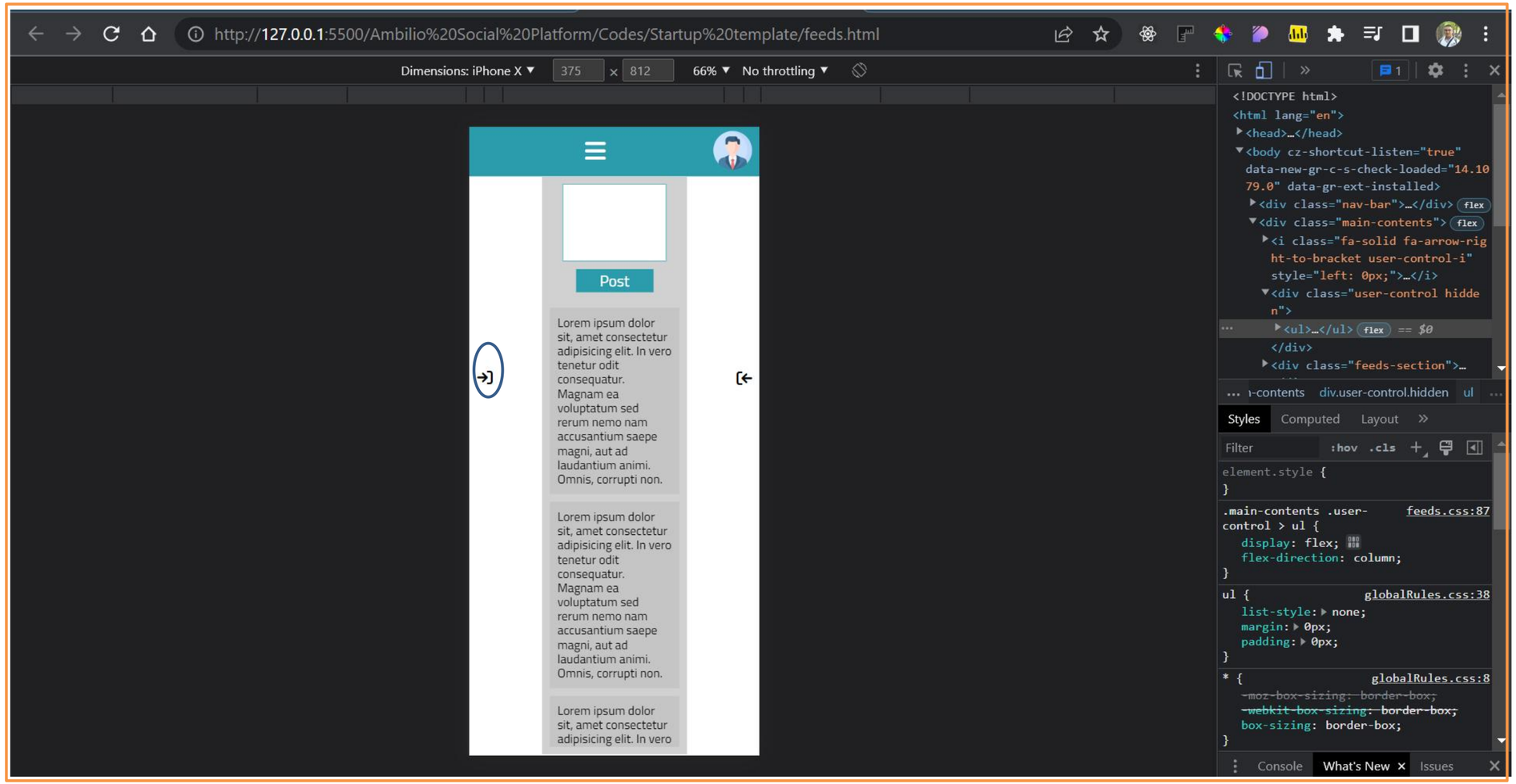
JavaScript functionality in feed page :

1-On click on the left arrow :

If the User control panel is hidden :

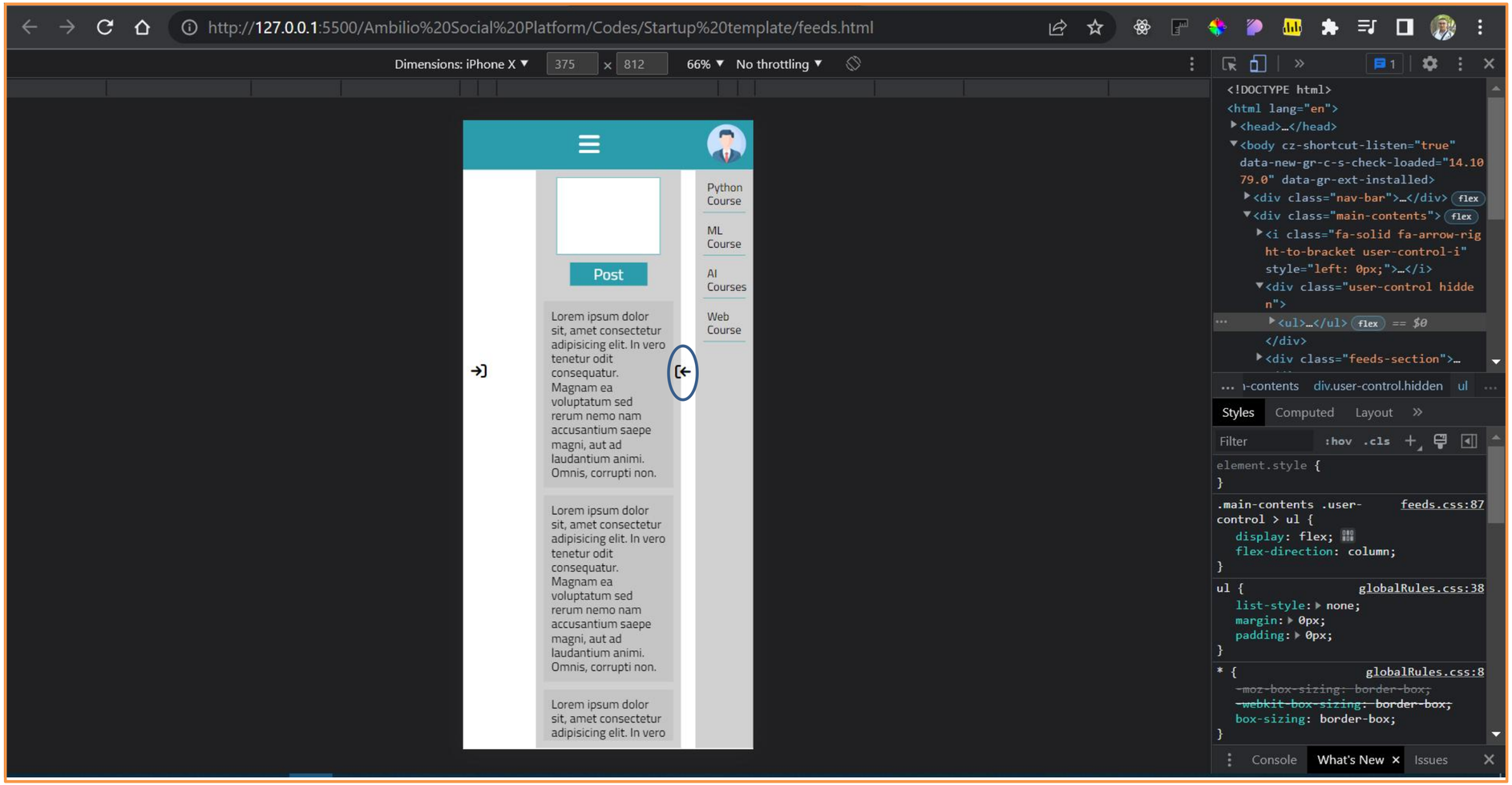


If the User control panel is not hidden :

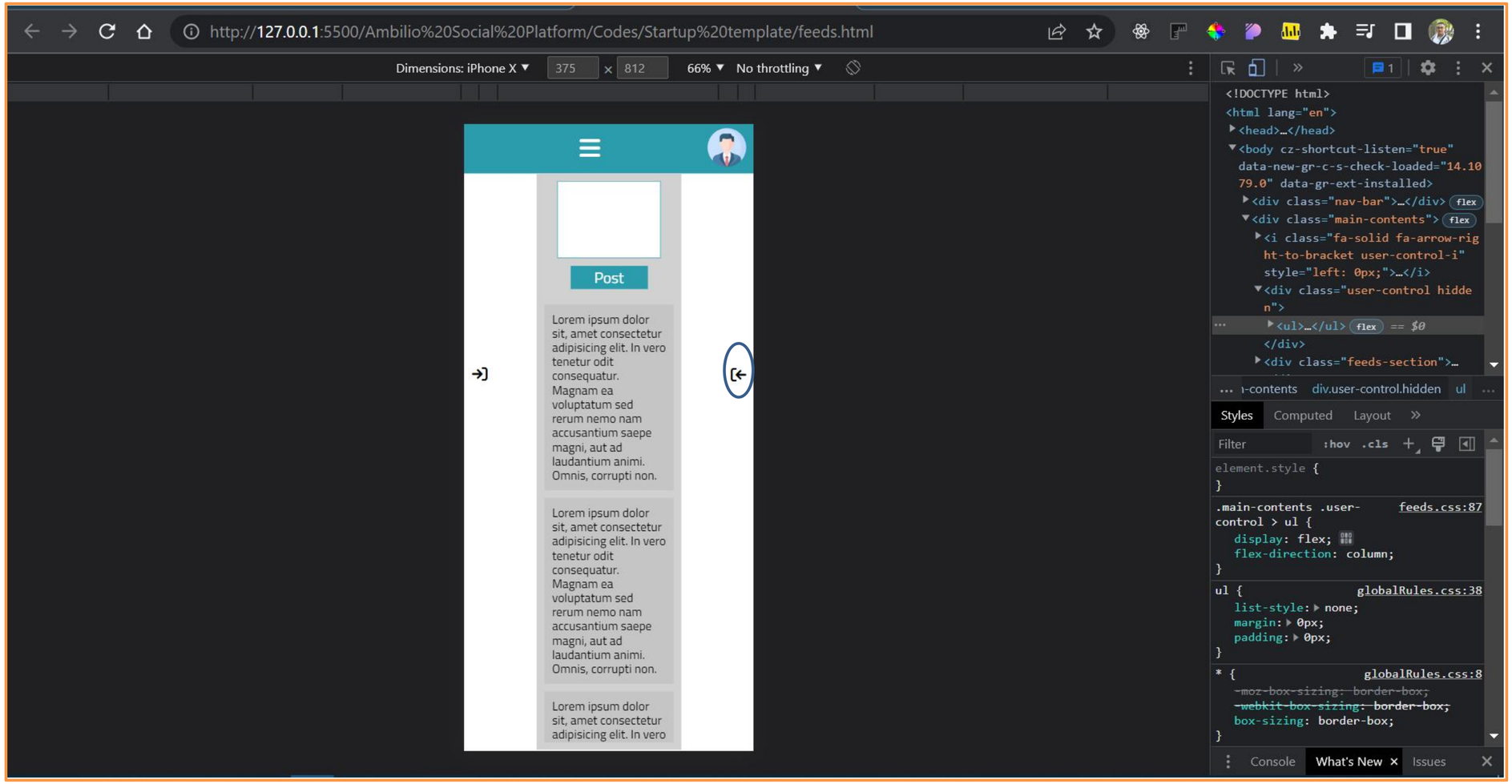


2-On click on the right arrow :

If the Recommended panel is hidden :

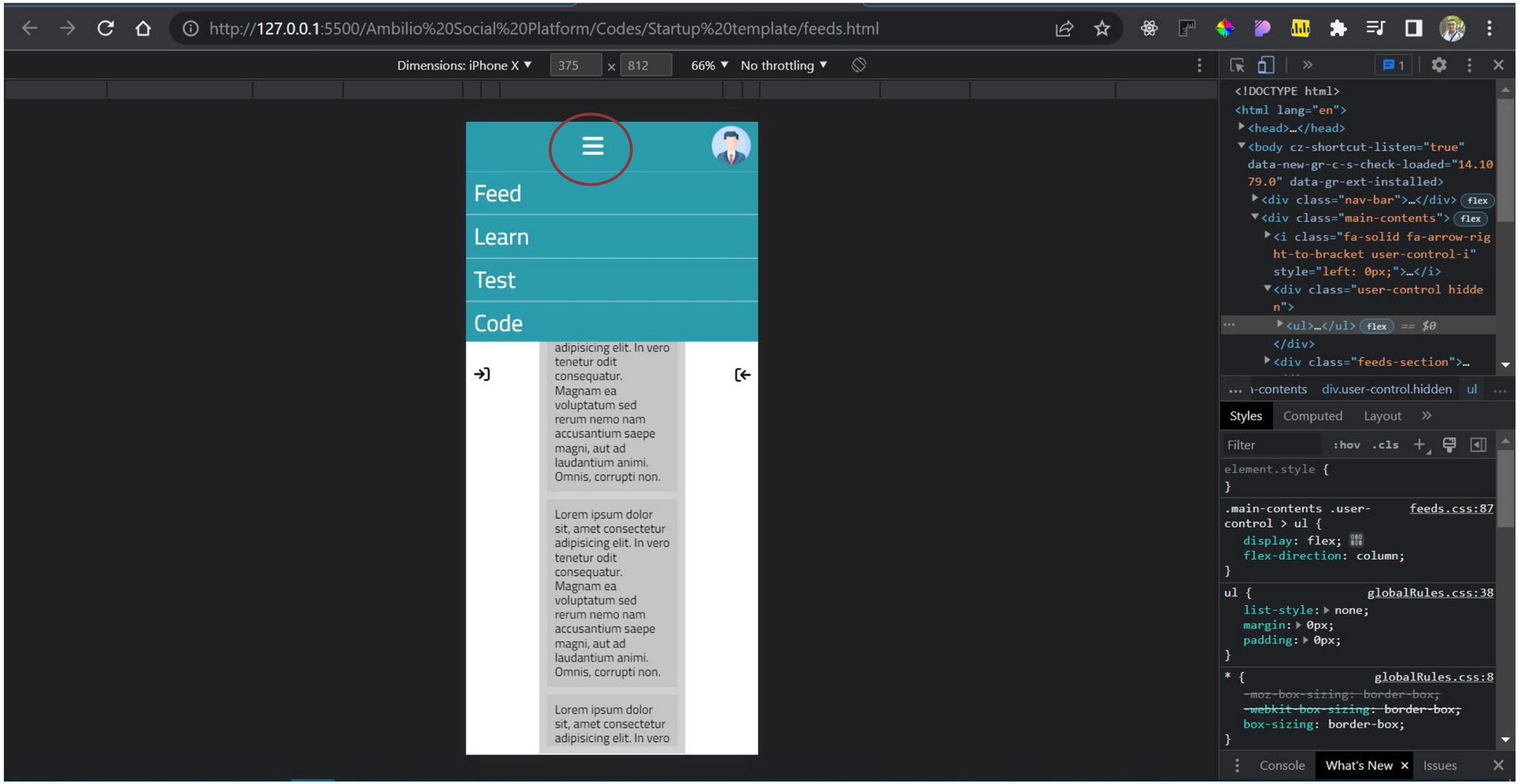


If the Recommended panel is not hidden :

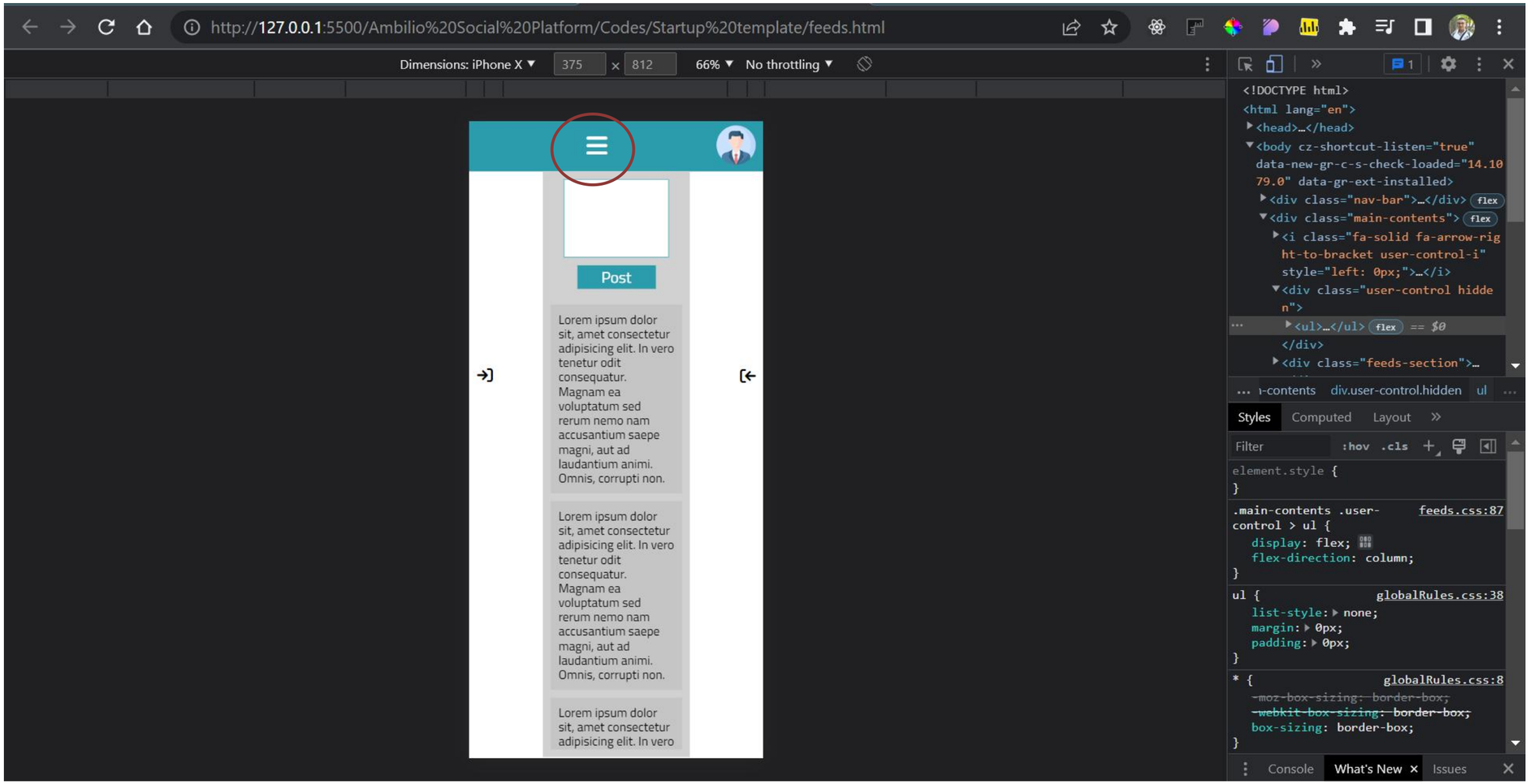


3-On click on the Nav-bar Icon :

If the nav-bar options are hidden :



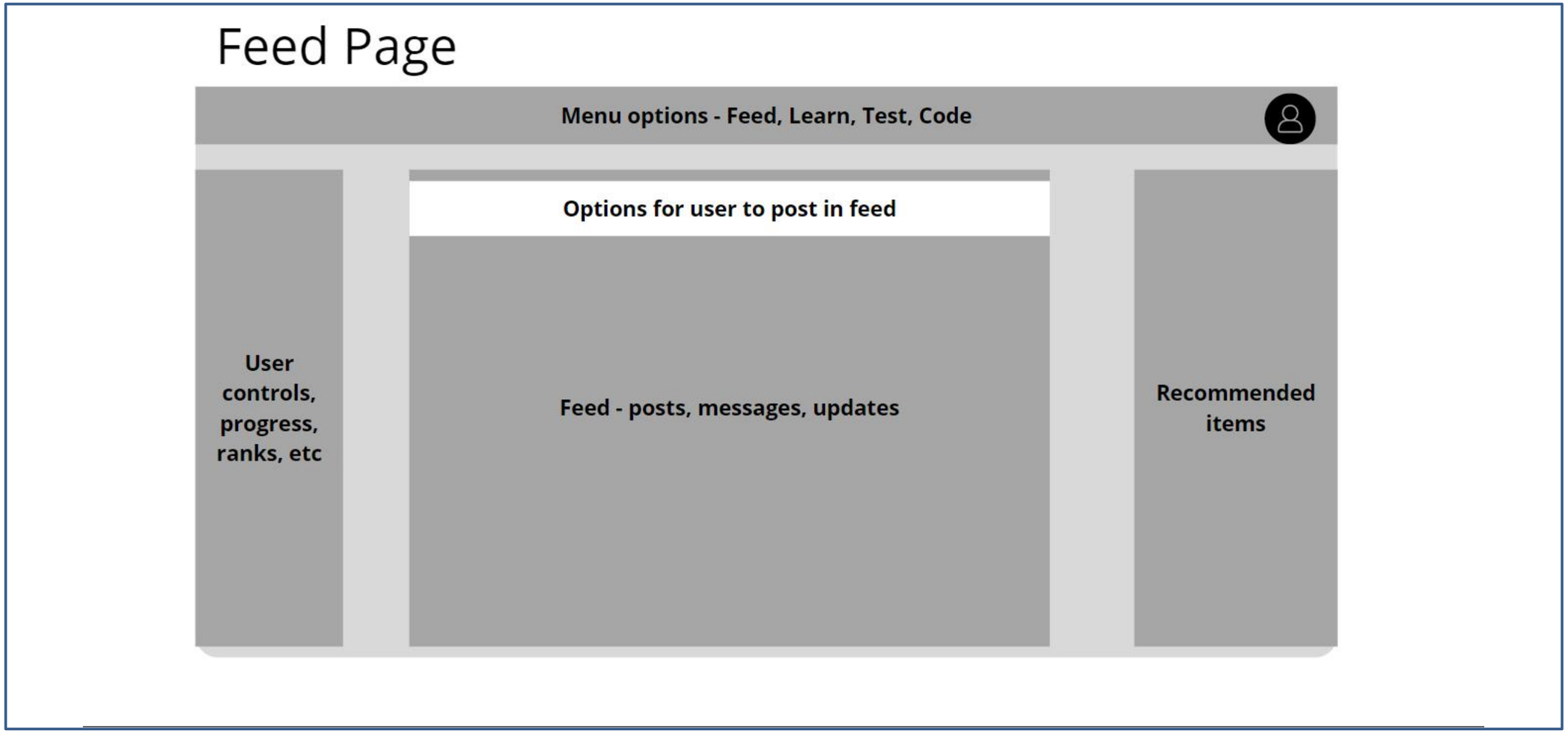
If the nav-bar options are not hidden :



1-Note about feeds section : The post, author name, author avatar, Date of post …etc should came from the database (This is just a prototype and static UI to clarify how Feeds page should look like.)

2-Note about Recommended Items section : The recommended Items are the production of ML module which linked to the database (The Items which appears on this prototype UI is static just to clarify how Feeds page should look like.)

Prototype sketch for feeds page :

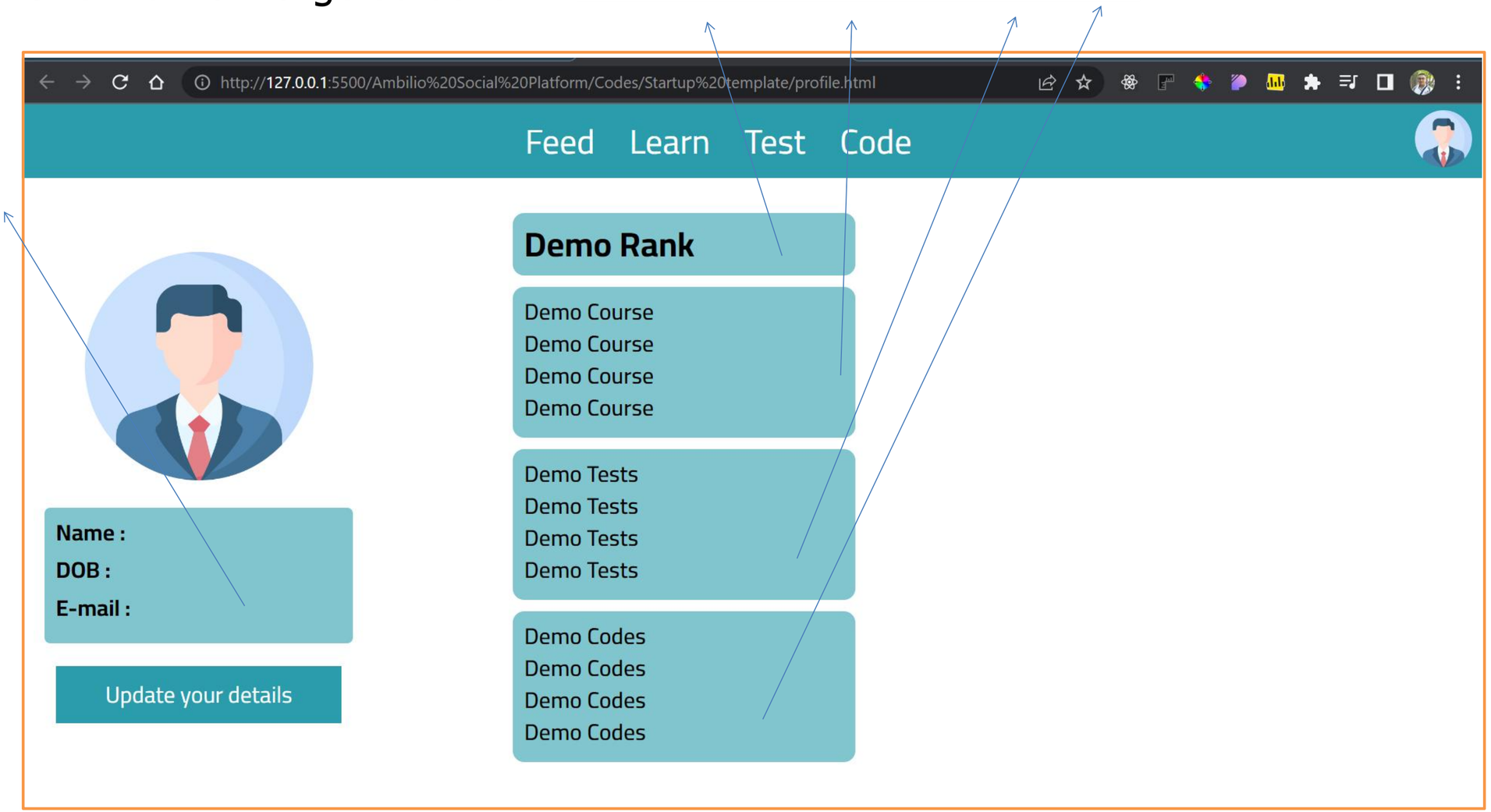


4-Profile Page :

Overview on large screens :

Should come from the database depending on user status

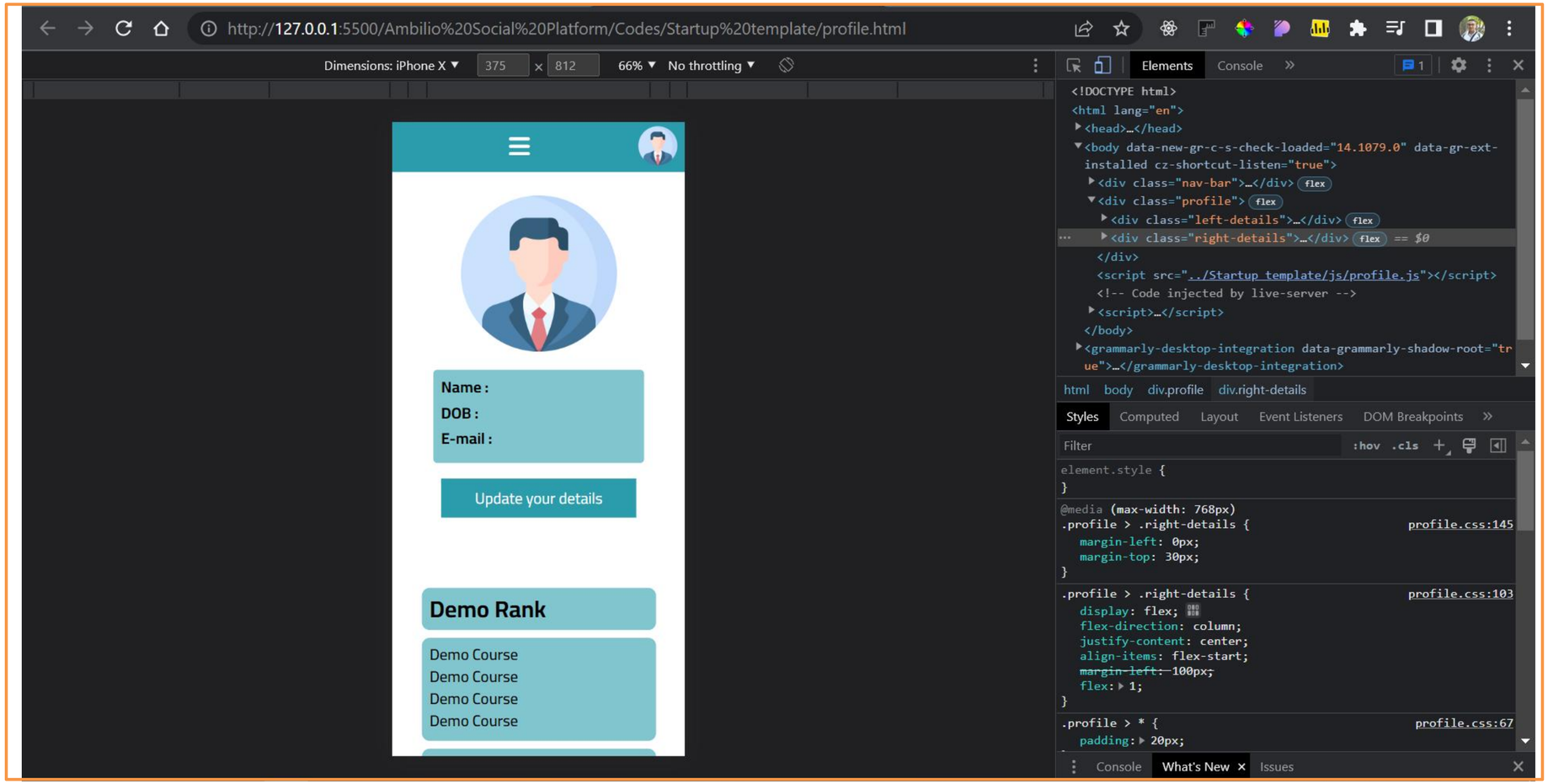
Should come from the database depending on user entered details



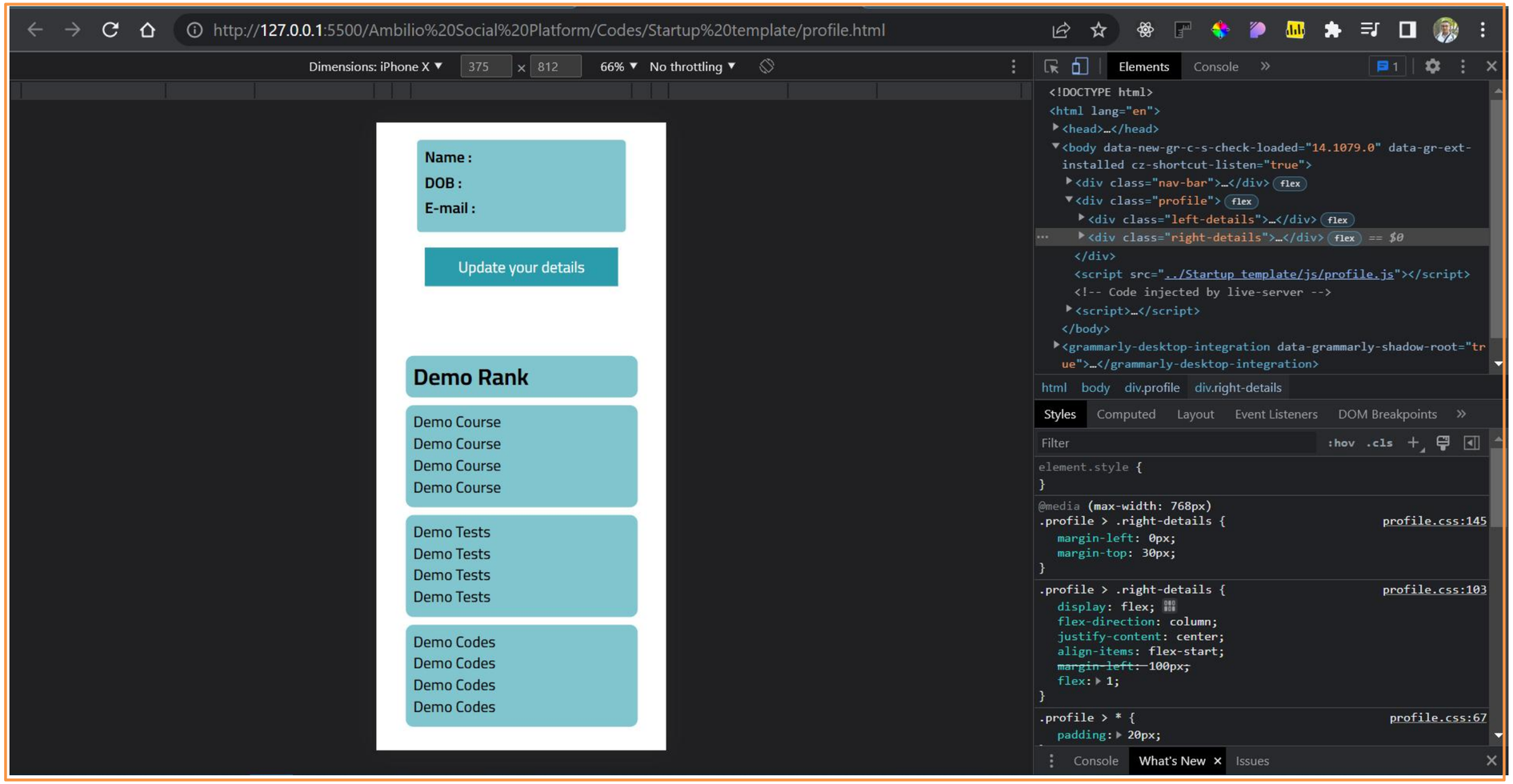
Overview on small screens :

For Example Iphone X :

1)



2)


http://127.0.0.1:5500/Ambilio%20Social%20Platform/Codes/Startup%20template/profile.html
Dimensions: iPhone X
375
812
66%
No throttling
Name :
DOB :
E-mail :
Update your details
Demo Rank
Demo Course
Demo Course
Demo Course
Demo Course
Demo Tests
Demo Tests
Demo Tests
Demo Tests
Demo Codes
Demo Codes
Demo Codes
Demo Codes
Elements
Console
<!DOCTYPE html>
<html lang="en">
<head>…</head>
<body data-new-gr-c-s-check-loaded="14.1079.0" data-gr-ext-installed cz-shortcut-listen="true">
… flex

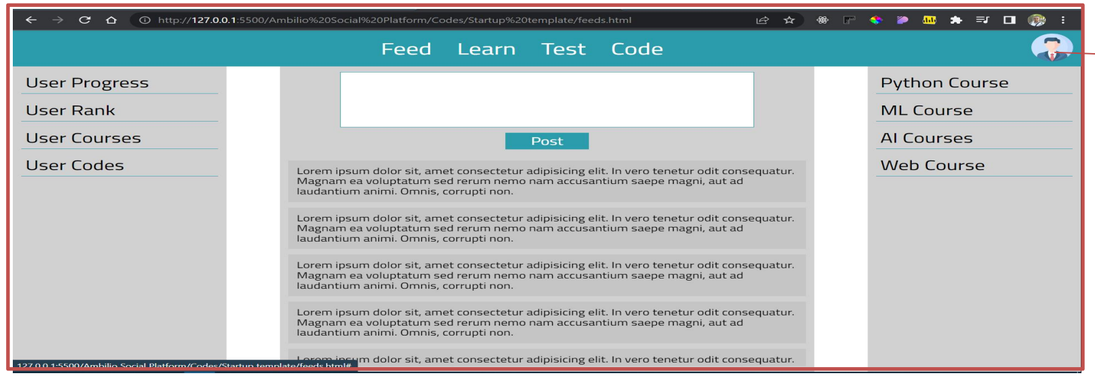
… flex
… flex == $0

<script src="../Startup template/js/profile.js"></script>
<!-- Code injected by live-server -->
<script>…</script>
</body>
<grammarly-desktop-integration data-grammarly-shadow-root="true">…</grammarly-desktop-integration>
html body div.profile div.right-details
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Filter
:hov .cls
element.style {
}
@media (max-width: 768px)
.profile > .right-details {
profile.css:145
margin-left: 0px;
margin-top: 30px;
}
.profile > .right-details {
profile.css:103
display: flex;
flex-direction: column;
justify-content: center;
align-items: flex-start;
margin-left: 100px;
flex: 1;
}
.profile > * {
profile.css:67
padding: 20px;
Console
What's New
Issues

New feature added during this development stage:

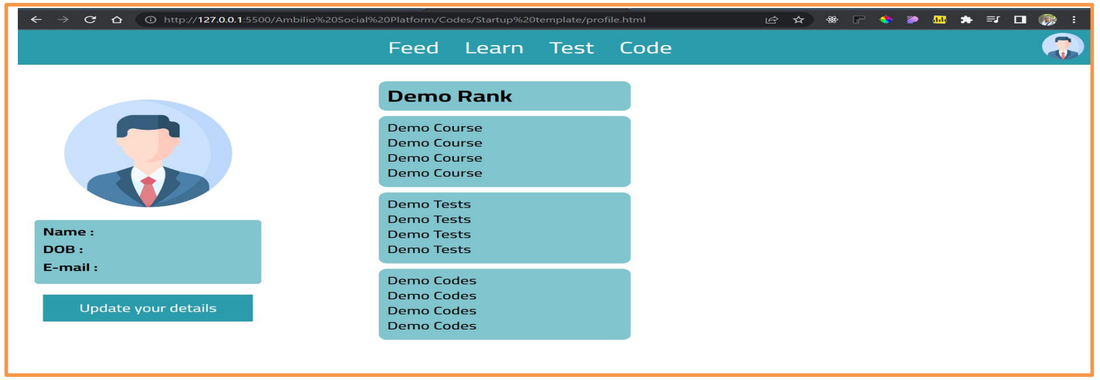
1-Linked pages : Feed page ===> profile page :

On click on the profile photo in the top bar in feed page the browser will redirect the user to his profile page :



On click

Redirecting to :

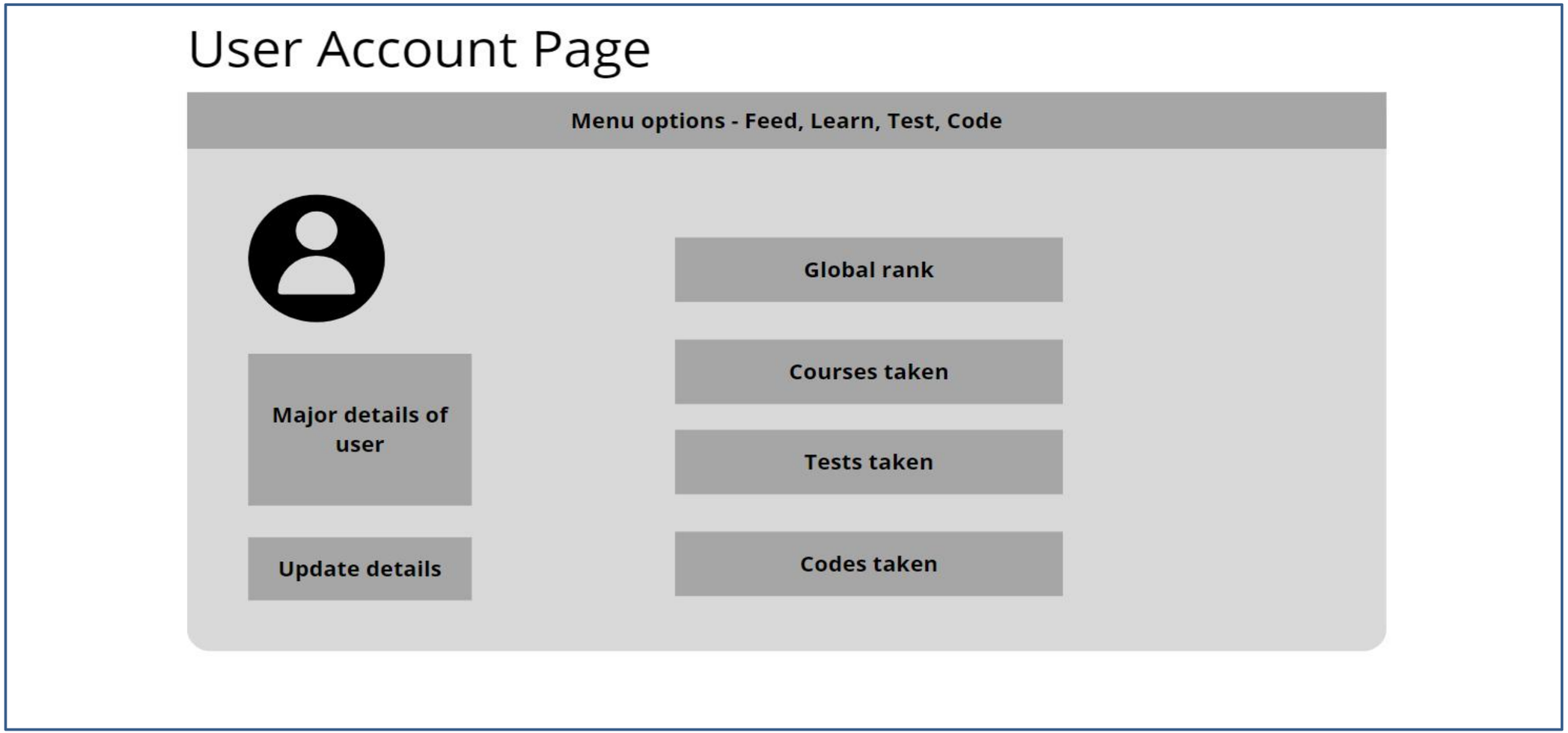


JavaScript functionality in profile page :

Only Nav-bar logic which every page in the website contain this logic since the Nav-bar component is a main component of user movement.

1-Note about profile page : The major details, User rank, Course taken, Codes taken …etc should came from the database (This is just a prototype and static UI to clarify how profile page should look like for the back-end developer.)

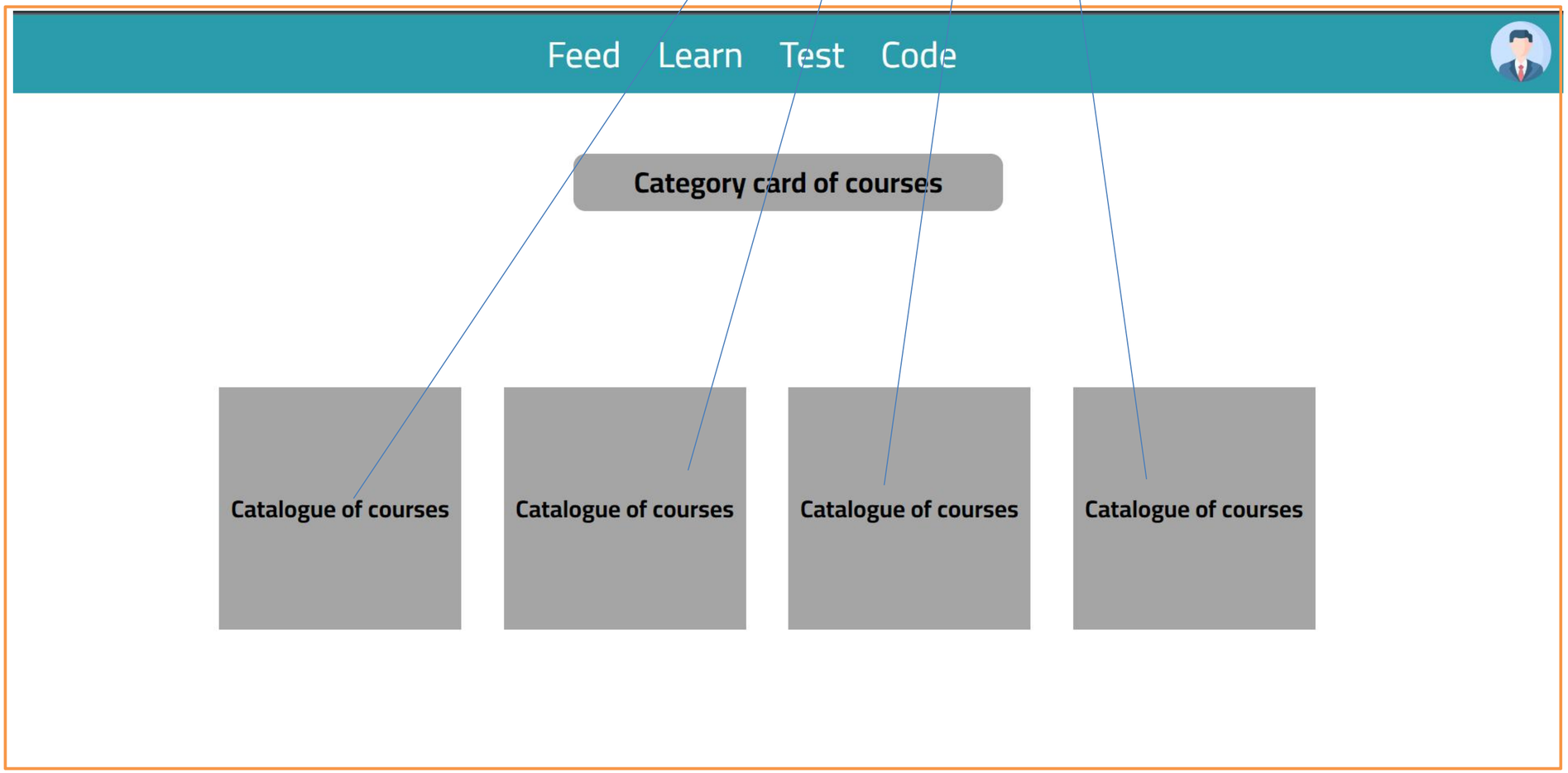
Prototype sketch for profile page :



5-Learn page :

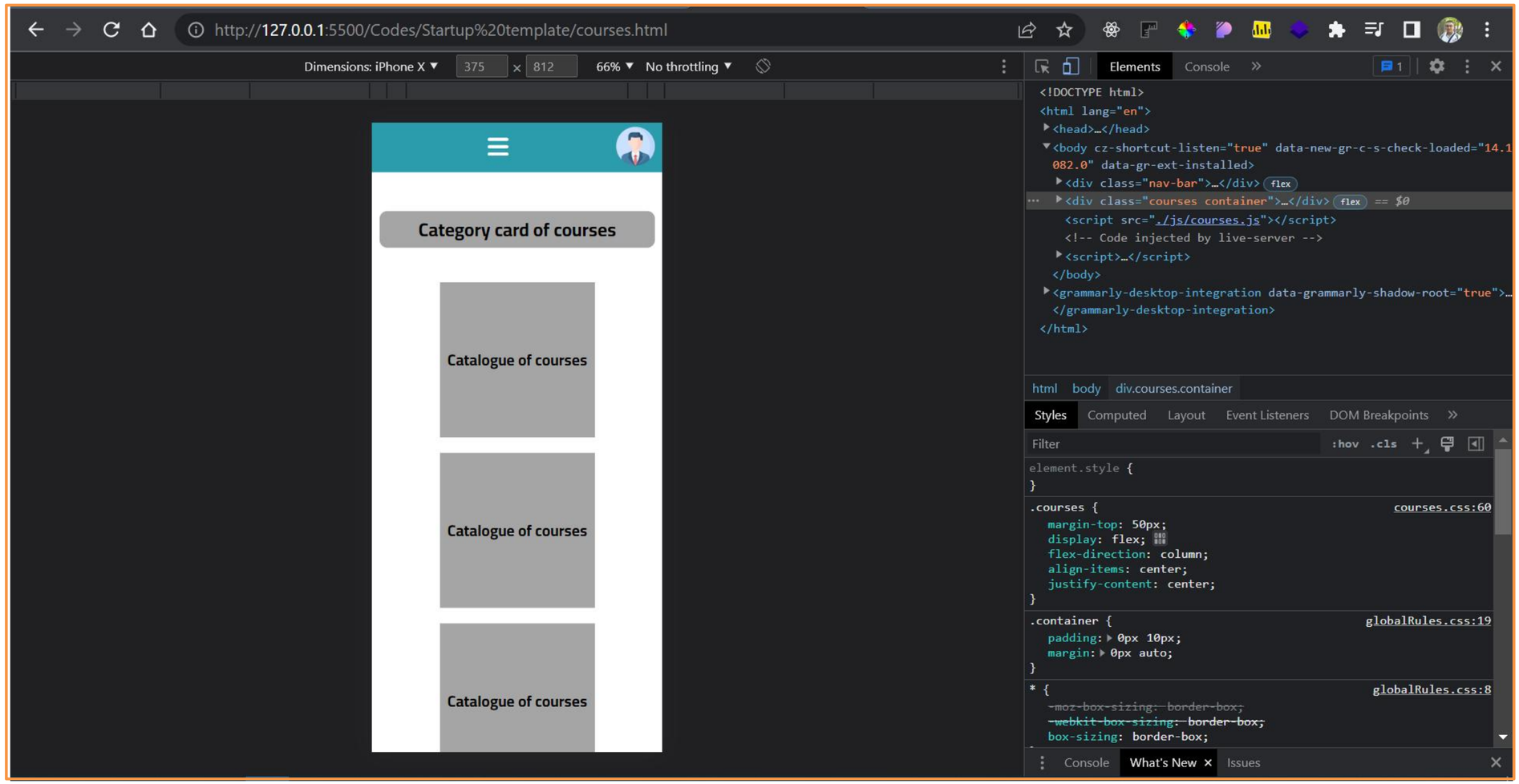
Overview on large screens :

It will be better if I add *thumbnails* and title for the cards instead of the gray background and "Catalogue of courses" title, it will increase the UX rate, so I build it as the sketch instructions till we meet and discuss.

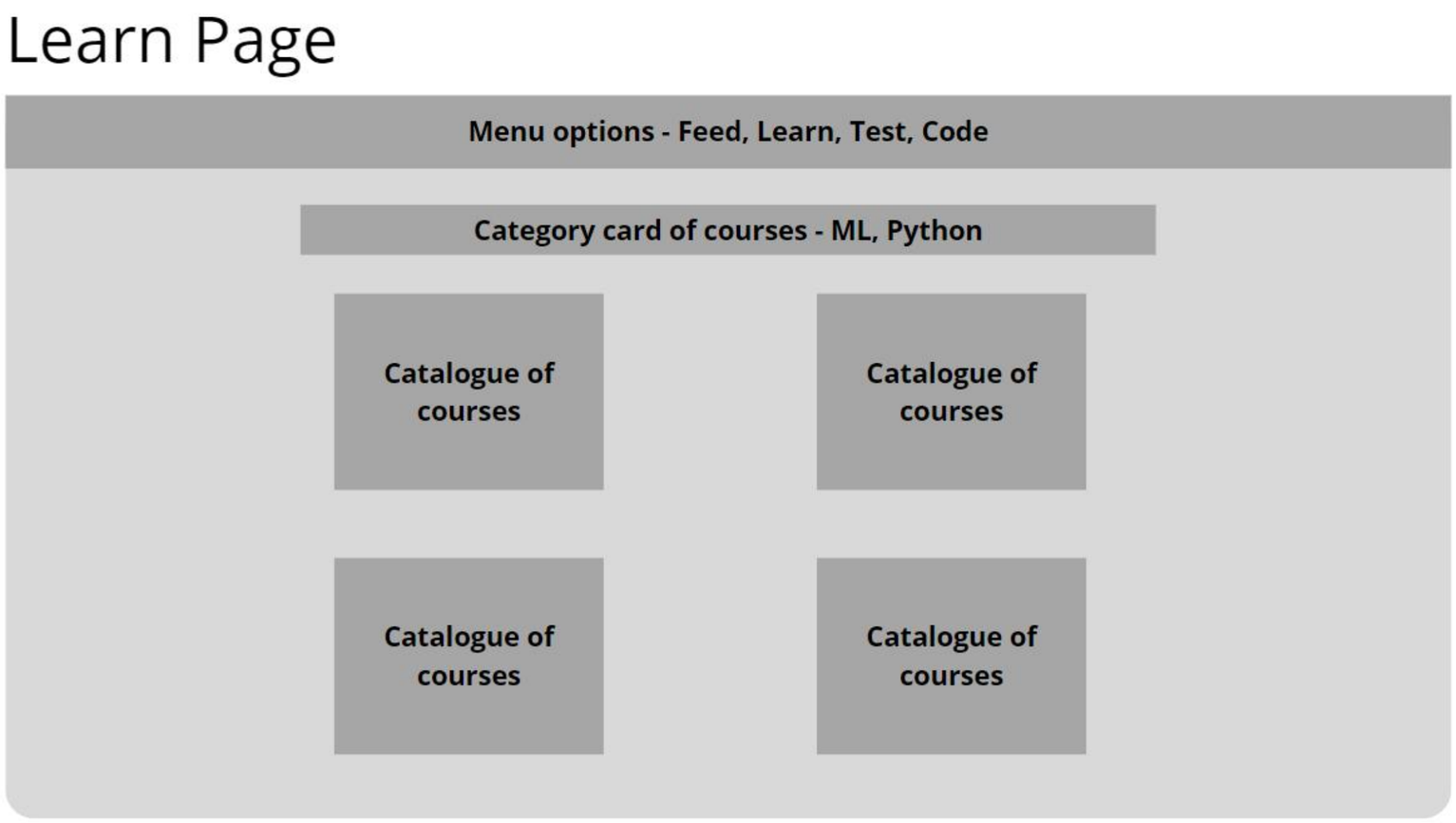


Overview on small screens :

For Example Iphone X :



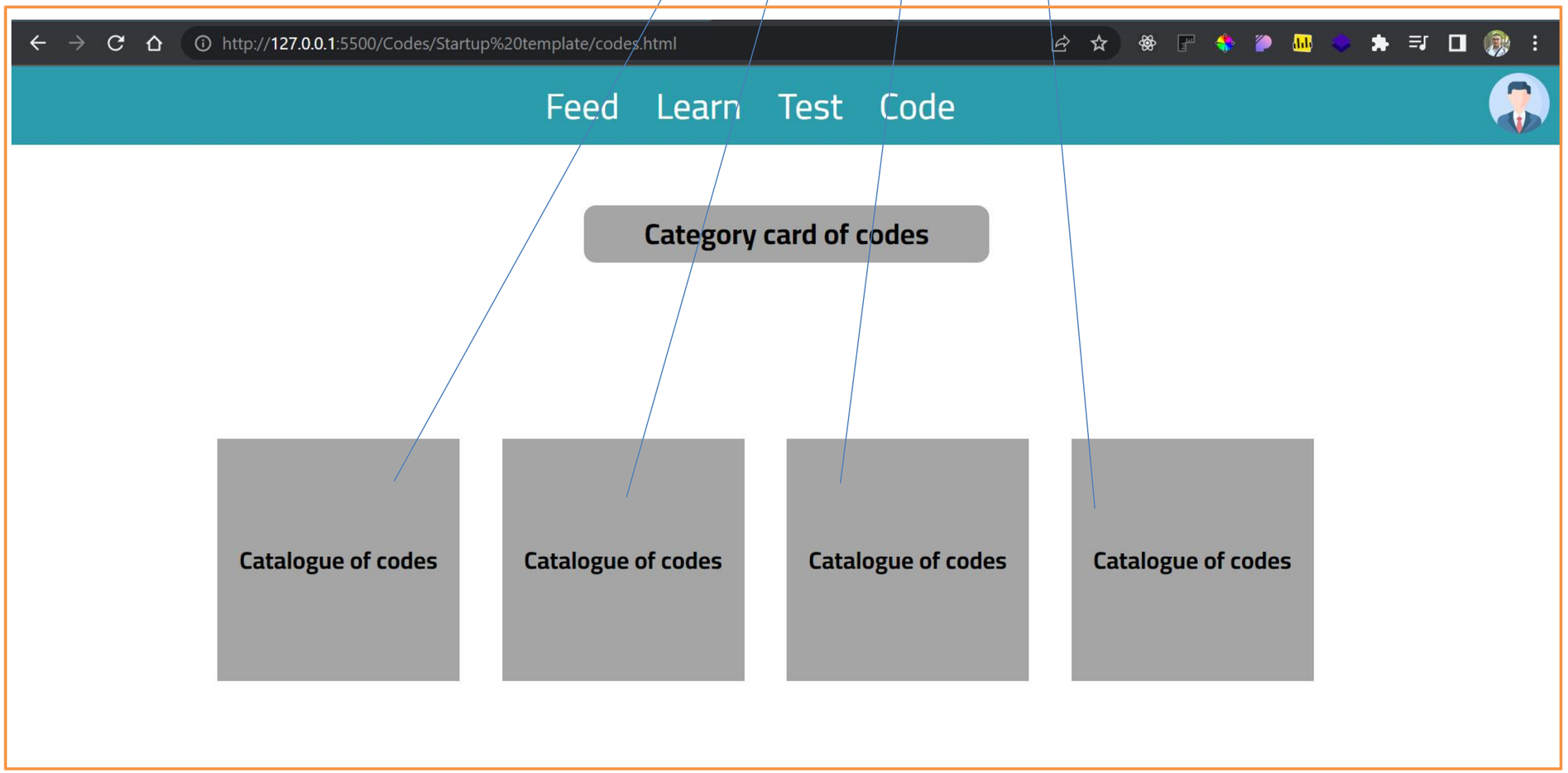
Prototype sketch for learn page :



6-Codes page :

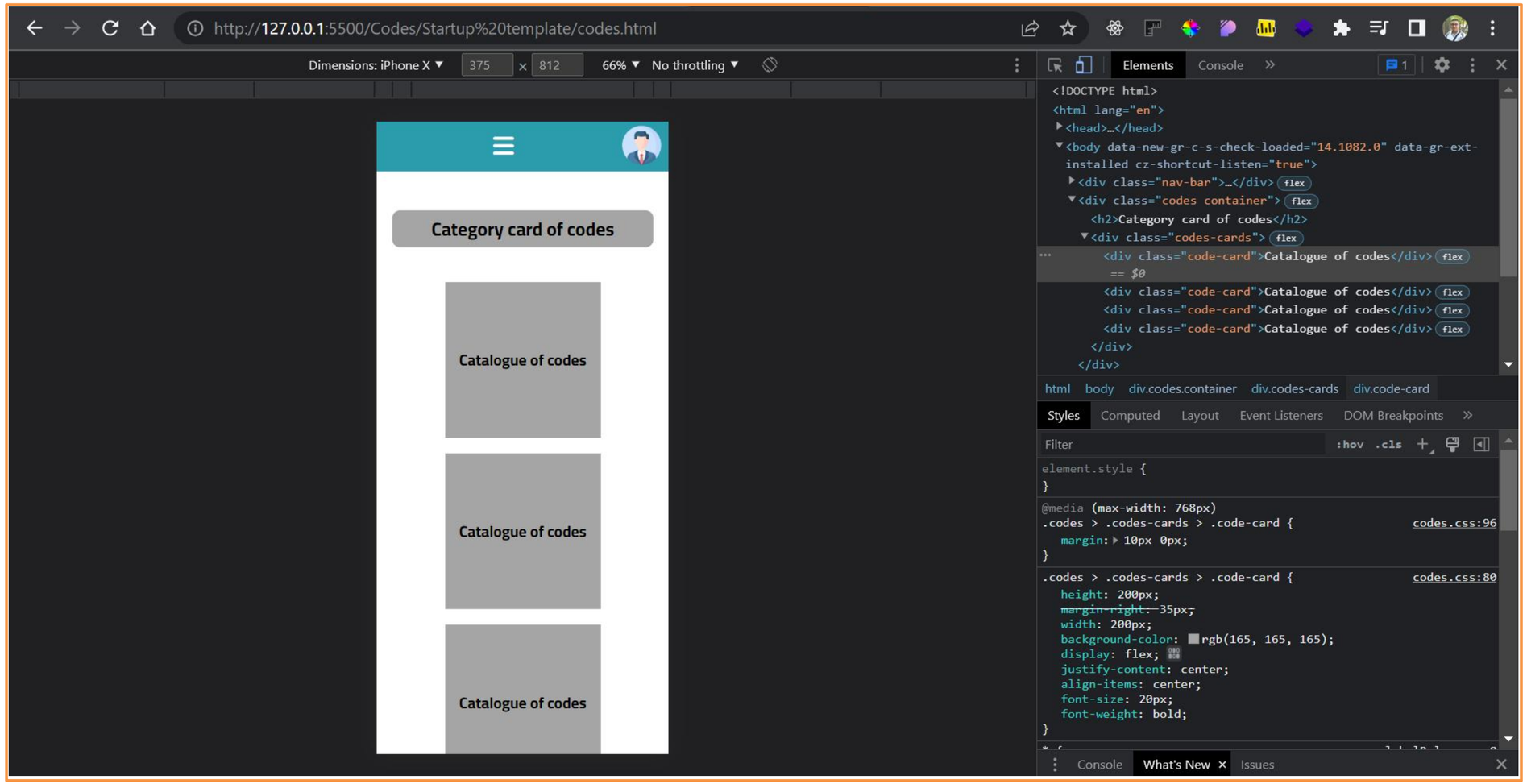
It will be better if I add *thumbnails* and title for the cards instead of the gray background and "Catalogue of codes" title, it will increase the UX rate, so I build it as the sketch instructions till we meet and discuss.

Overview on large screens :

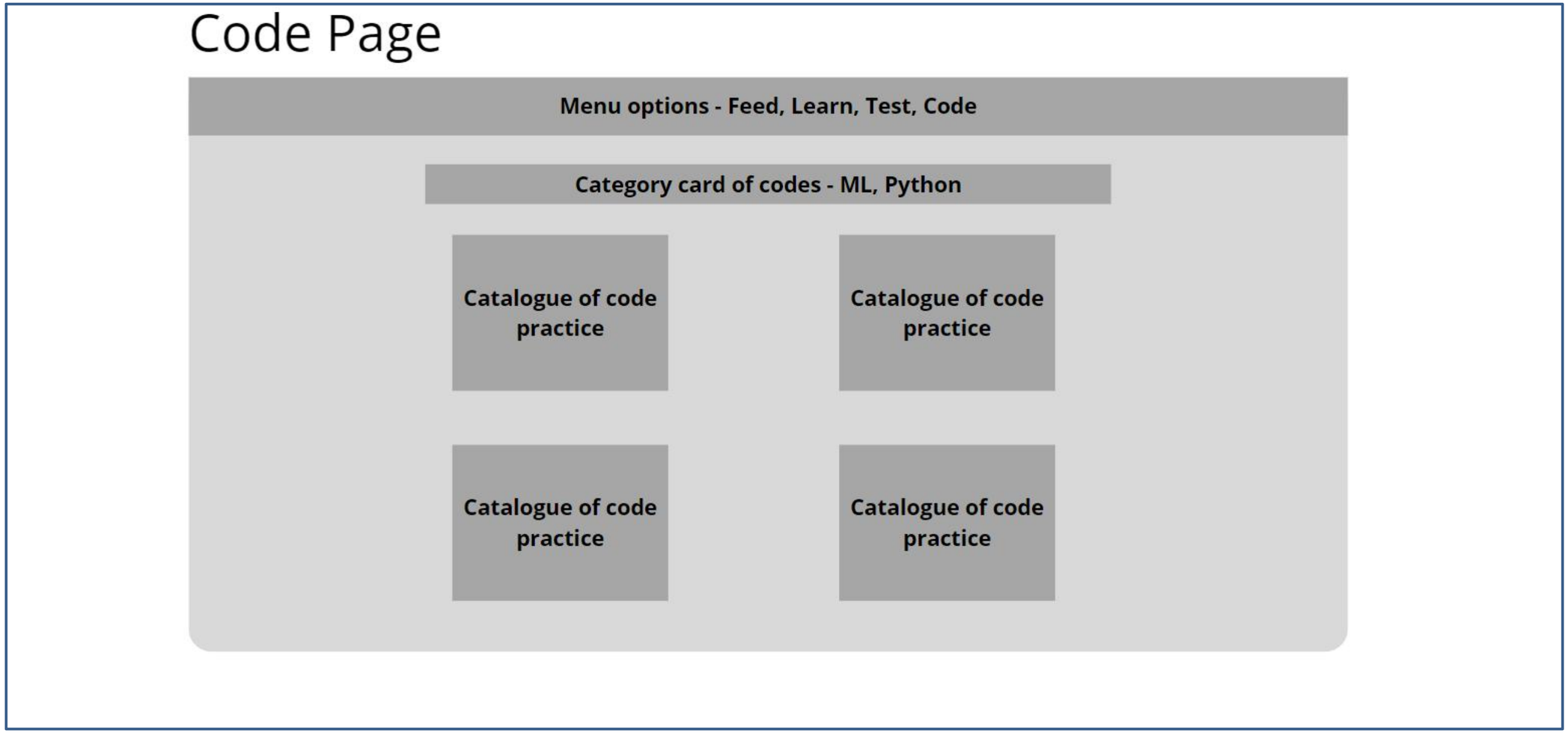


Overview on small screens :

For Example Iphone X :

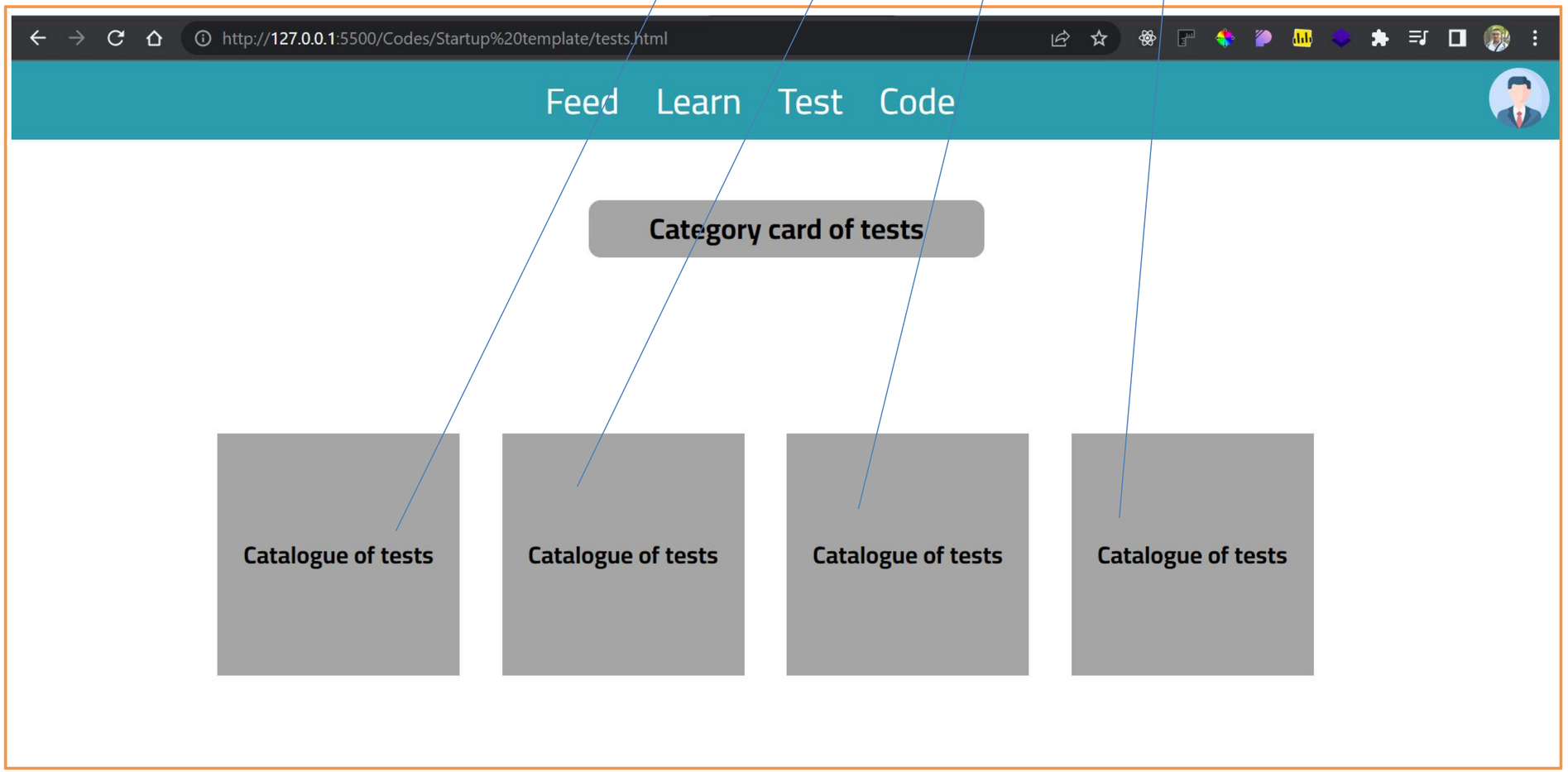


Prototype sketch for codes page :



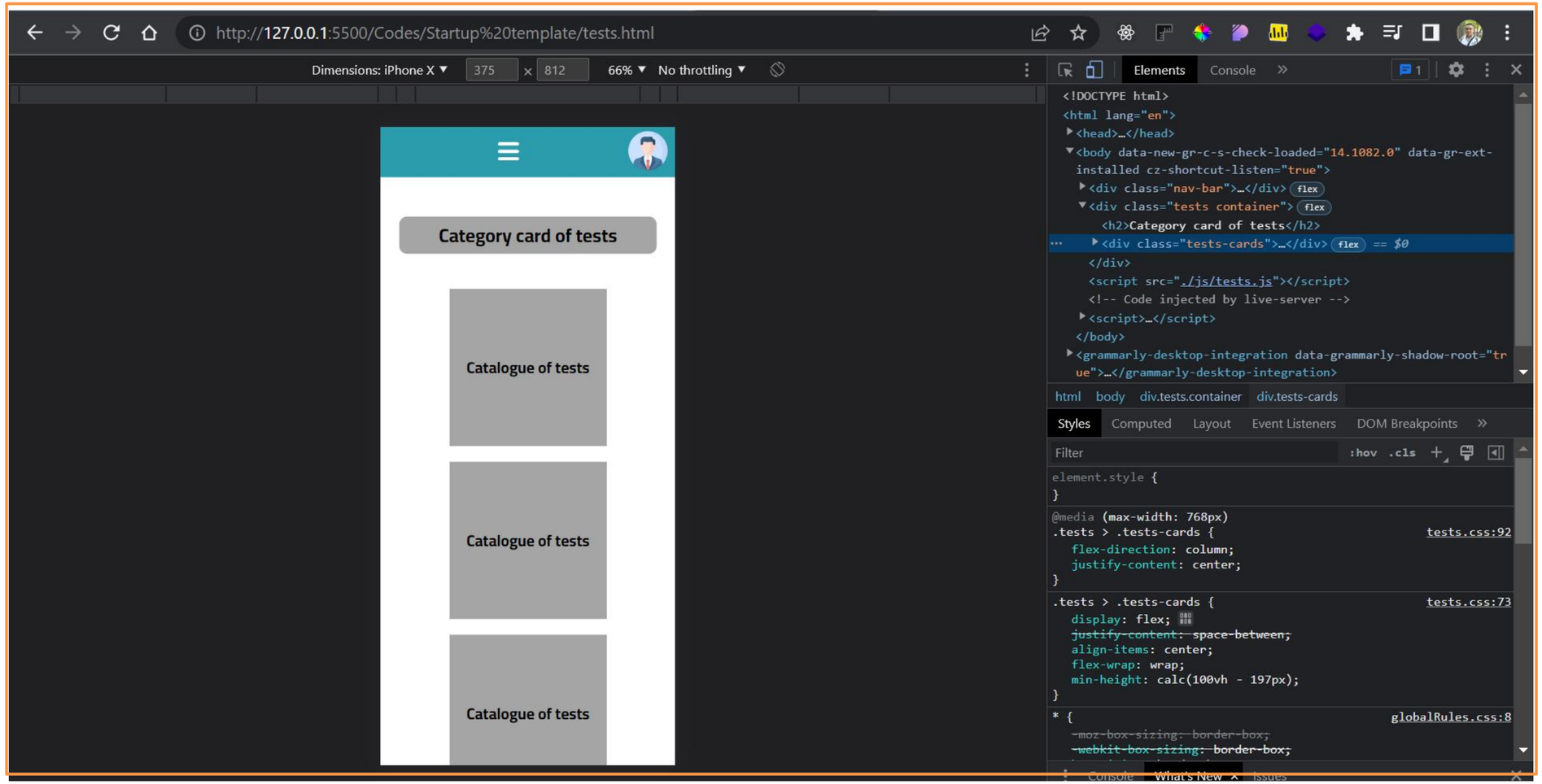
7-Tests page :

It will be better if I add *thumbnails* and title for the cards instead of the gray background and "Catalogue of tests" title, it will increase the UX rate, so I build it as the sketch instructions till we meet and discuss.

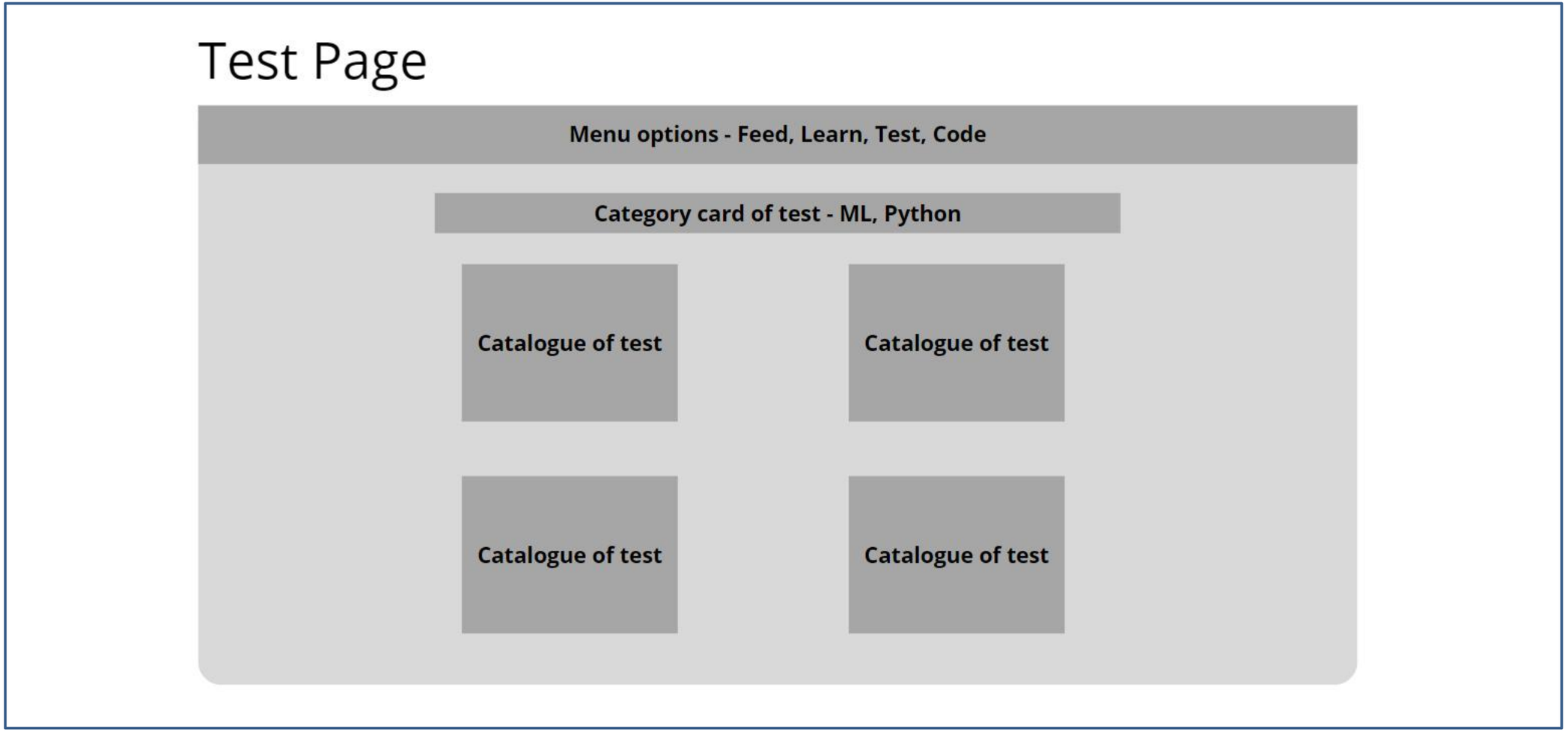


Overview on small screens :

For Example Iphone X



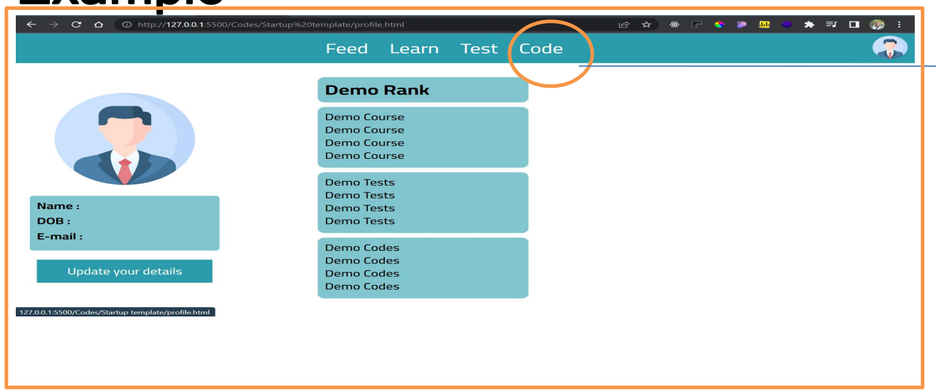
Prototype sketch for tests page :



New feature added during this development stage:

1) All links in the Nav-bar are working now!
   Its clickable now to redirect the user to the requested Page

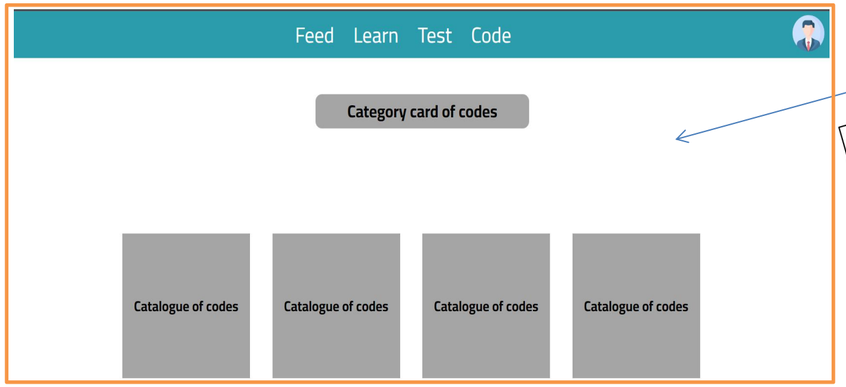
Example



On click

Redirecting

To the requested page

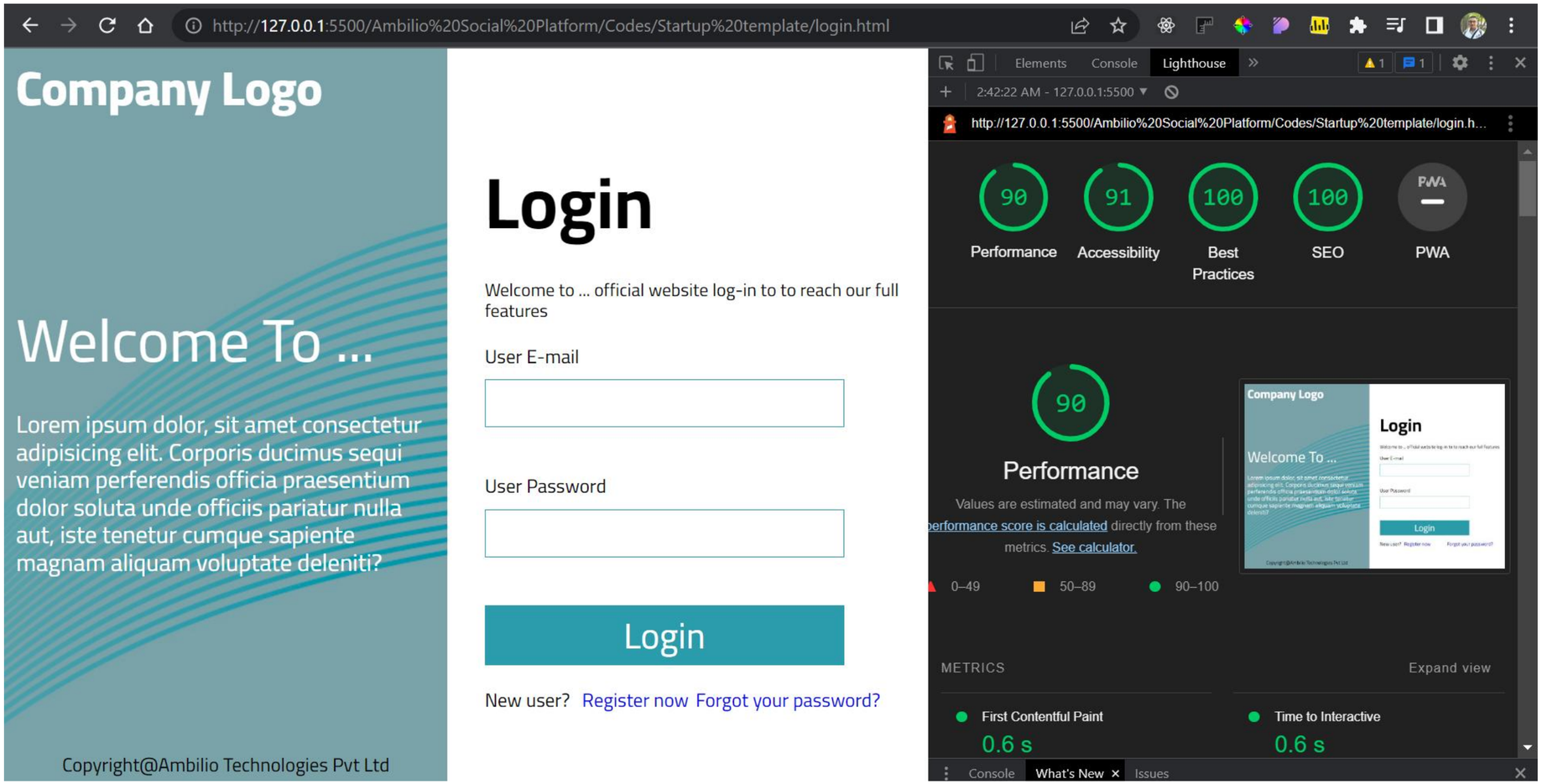


JavaScript functionality in Learn,Codes and Tests pages :

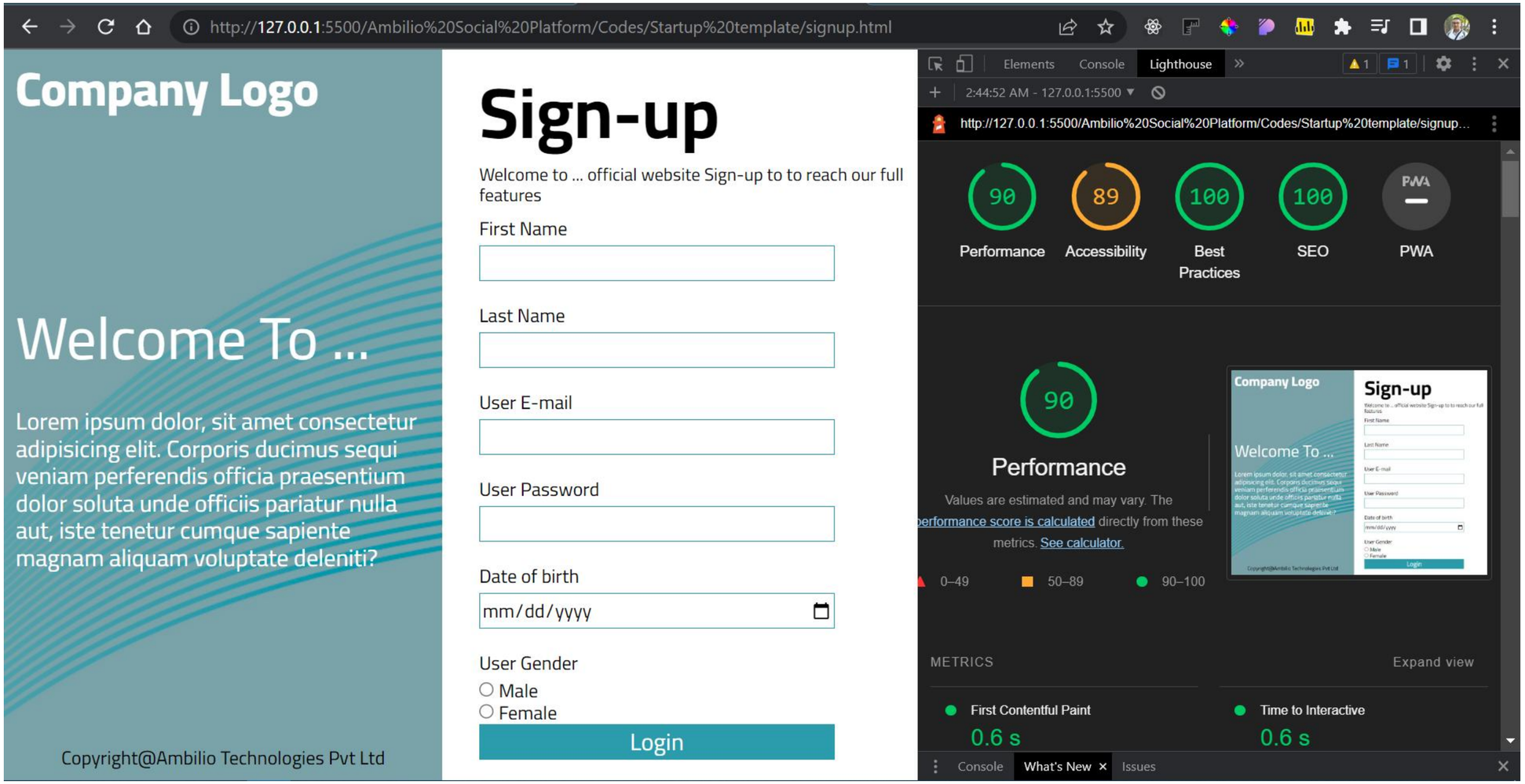
Only Nav-bar logic which every page in the website contain this logic since the Nav-bar component is a main component of user movement.

Light house extension report :

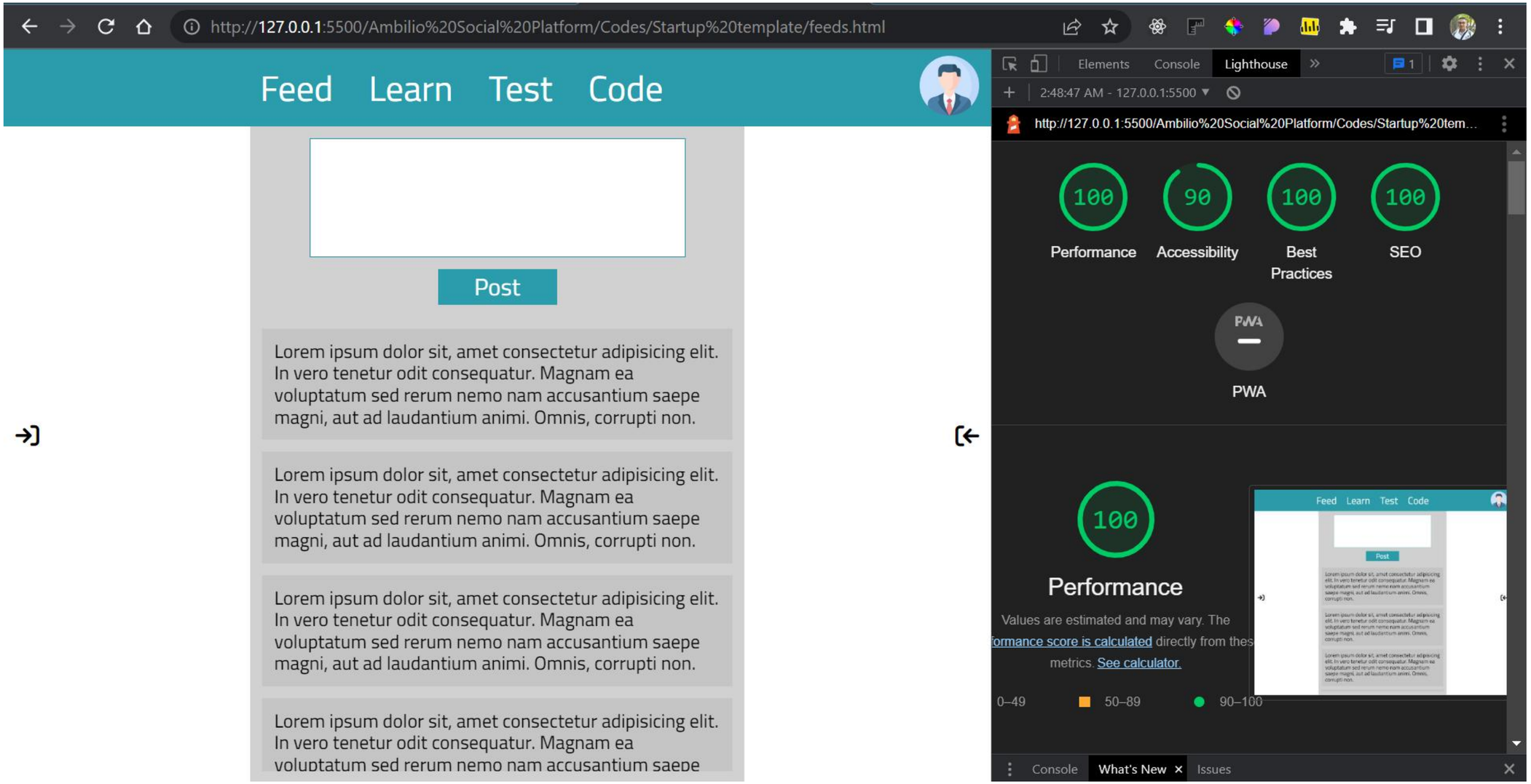
1-Log-in page :



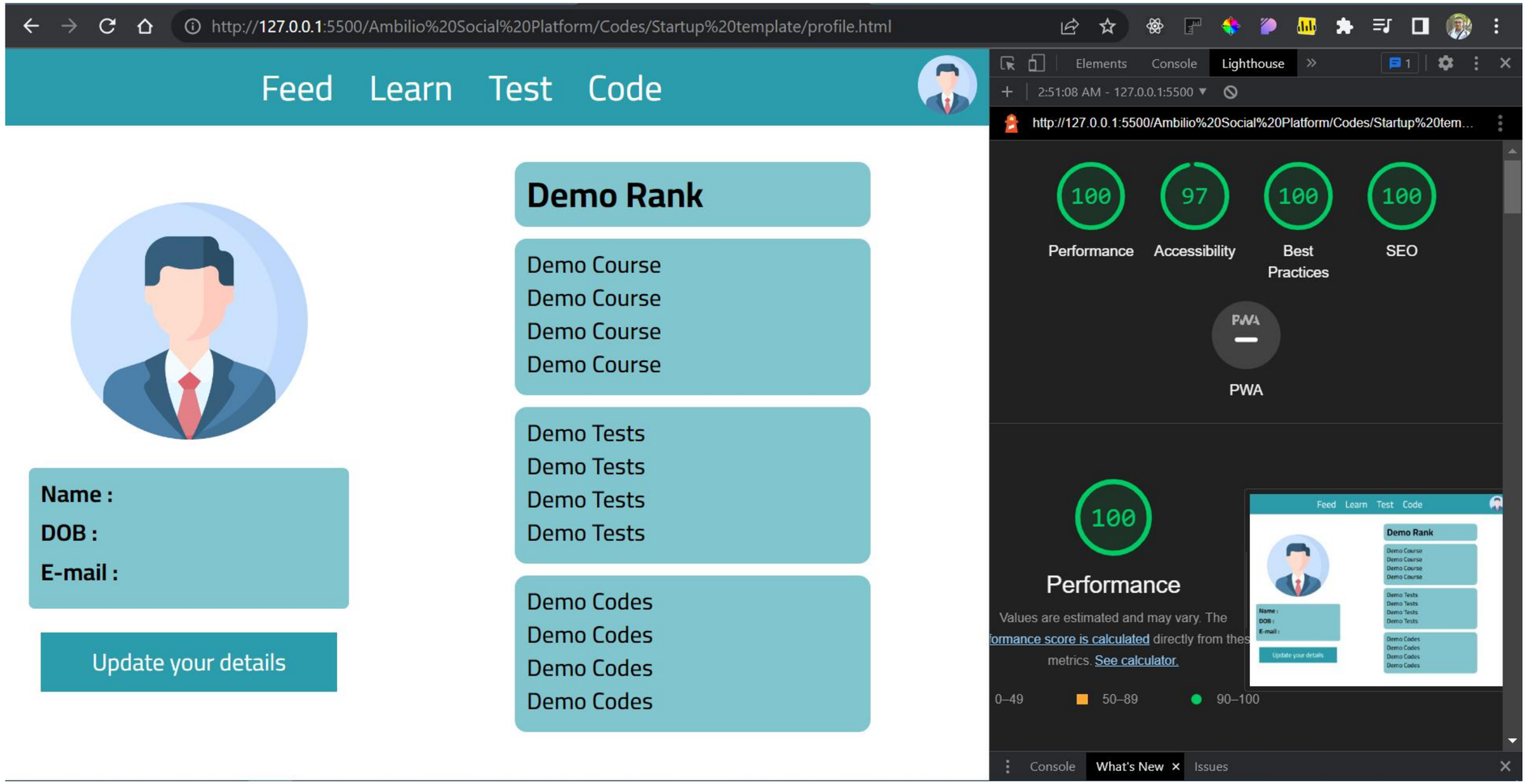
2-Sign-up page :



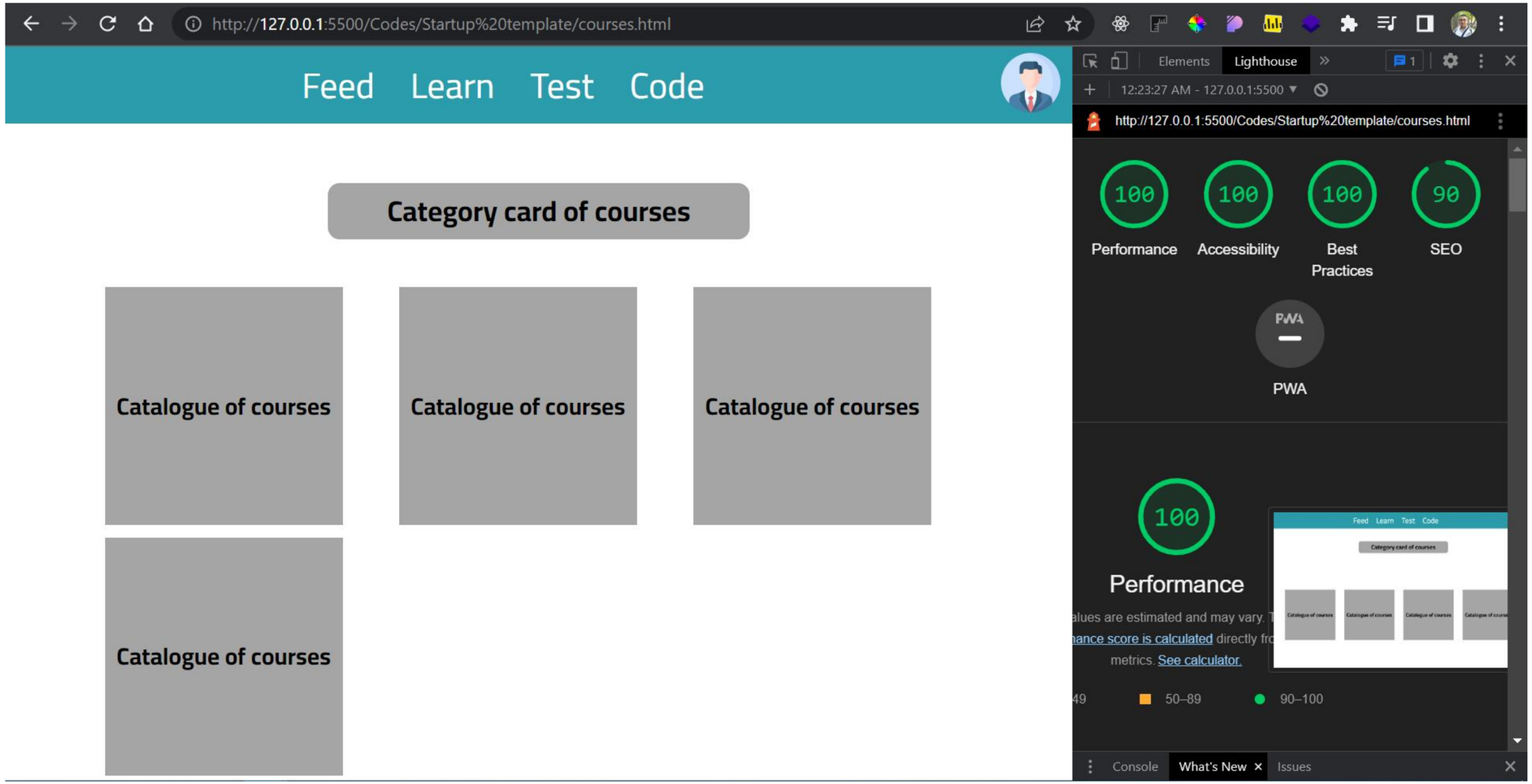
3-Feeds page :


http://127.0.0.1:5500/Ambilio%20Social%20Platform/Codes/Startup%20template/feeds.html
Feed
Learn
Test
Code
Post
Lorem ipsum dolor sit, amet consectetur adipisicing elit. In vero tenetur odit consequatur. Magnam ea voluptatum sed rerum nemo nam accusantium saepe magni, aut ad laudantium animi. Omnis, corrupti non.
Lorem ipsum dolor sit, amet consectetur adipisicing elit. In vero tenetur odit consequatur. Magnam ea voluptatum sed rerum nemo nam accusantium saepe magni, aut ad laudantium animi. Omnis, corrupti non.
Lorem ipsum dolor sit, amet consectetur adipisicing elit. In vero tenetur odit consequatur. Magnam ea voluptatum sed rerum nemo nam accusantium saepe magni, aut ad laudantium animi. Omnis, corrupti non.
Lorem ipsum dolor sit, amet consectetur adipisicing elit. In vero tenetur odit consequatur. Magnam ea voluptatum sed rerum nemo nam accusantium saepe
Elements
Console
Lighthouse
2:48:47 AM - 127.0.0.1:5500
http://127.0.0.1:5500/Ambilio%20Social%20Platform/Codes/Startup%20tem...
100
Performance
90
Accessibility
100
Best Practices
100
SEO
PWA
PWA
100
Performance
Values are estimated and may vary. The
formance score is calculated directly from these
metrics. See calculator.
0–49
50–89
90–100
Console
What's New
Issues

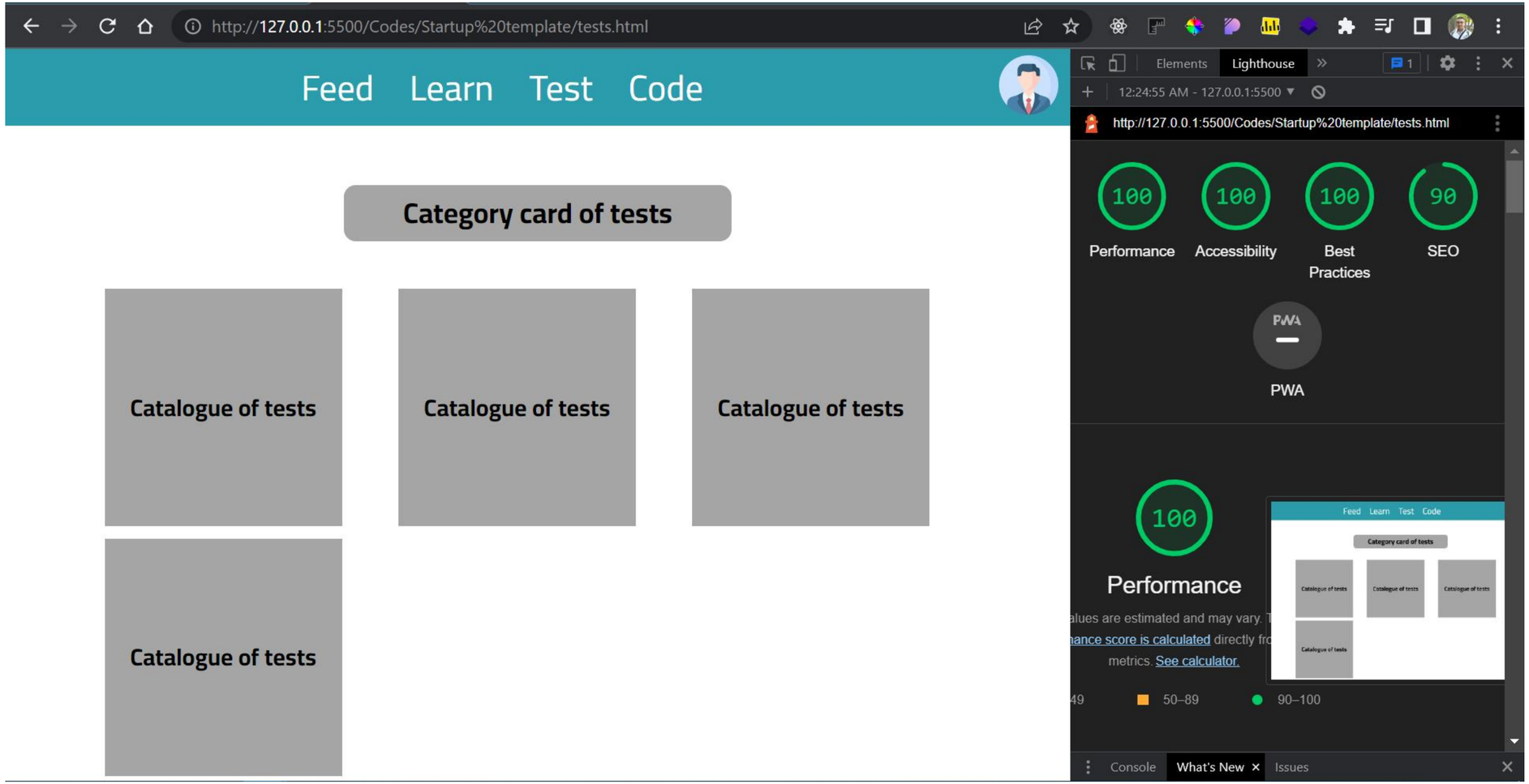
4-Profile page :



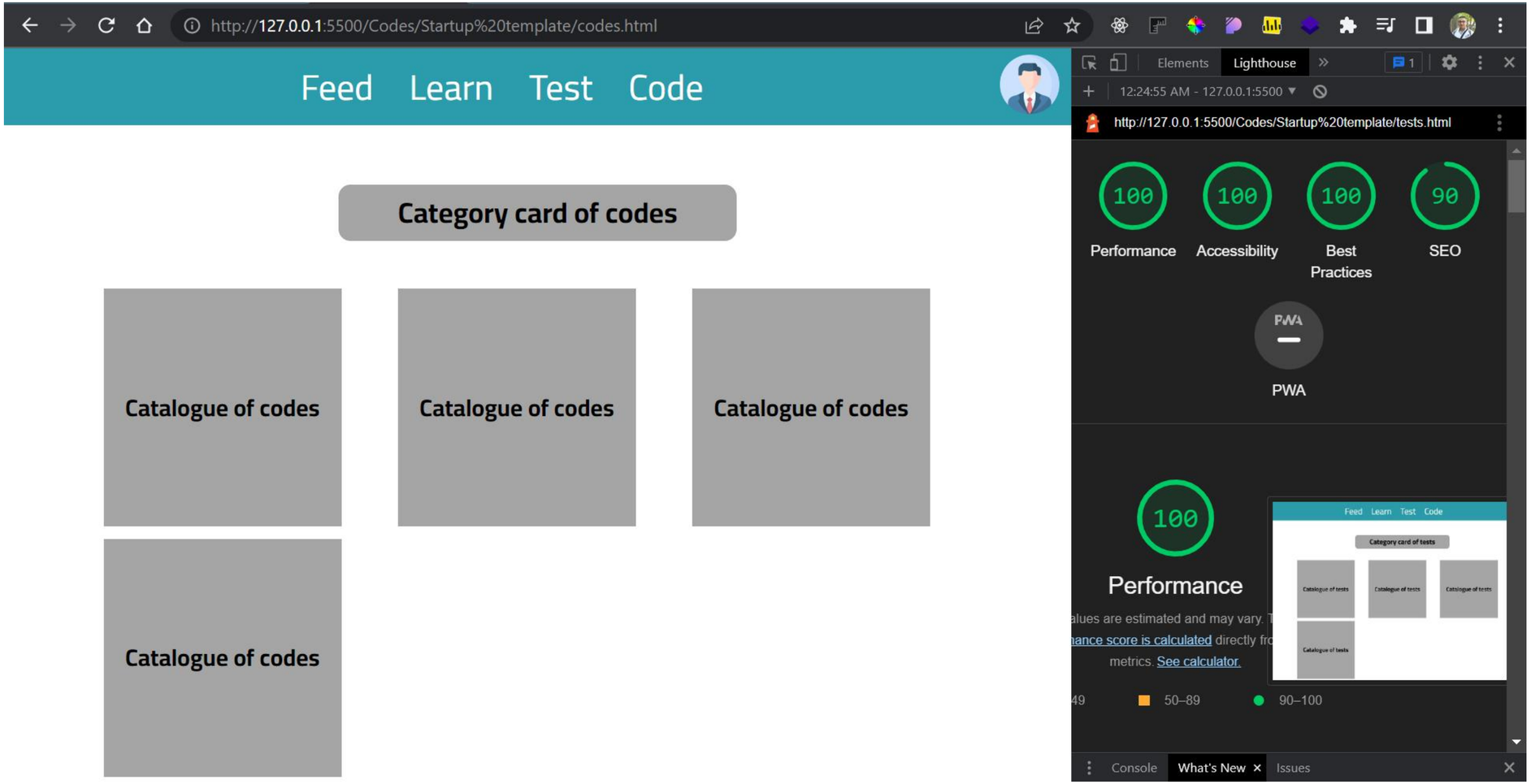
5-Learn page :


http://127.0.0.1:5500/Codes/Startup%20template/courses.html
Feed
Learn
Test
Code
Category card of courses
Catalogue of courses
Catalogue of courses
Catalogue of courses
Catalogue of courses
Elements
Lighthouse
12:23:27 AM - 127.0.0.1:5500
http://127.0.0.1:5500/Codes/Startup%20template/courses.html
100
Performance
100
Accessibility
100
Best Practices
90
SEO
PWA
PWA
100
Performance
metrics. See calculator.
50–89
90–100
Console
What's New
Issues

6-Tests page :


http://127.0.0.1:5500/Codes/Startup%20template/tests.html
Feed
Learn
Test
Code
Category card of tests
Catalogue of tests
Catalogue of tests
Catalogue of tests
Catalogue of tests
Elements
Lighthouse
12:24:55 AM - 127.0.0.1:5500
http://127.0.0.1:5500/Codes/Startup%20template/tests.html
100
Performance
100
Accessibility
100
Best Practices
90
SEO
PWA
PWA
100
Performance
50–89
90–100
Console
What's New
Issues

7-Code page :


http://127.0.0.1:5500/Codes/Startup%20template/codes.html
Feed Learn Test Code
Category card of codes
Catalogue of codes
Catalogue of codes
Catalogue of codes
Catalogue of codes
Elements
Lighthouse
12:24:55 AM - 127.0.0.1:5500
http://127.0.0.1:5500/Codes/Startup%20template/tests.html
100
Performance
100
Accessibility
100
Best Practices
90
SEO
PWA
PWA
100
Performance
50–89
90–100
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Note : about light house report all the percentages are very good and match the best practice of building UI for pages

Note : Accessibility will increase after host the website on a real server or hosting service.

-Summary-

Building and testing the UI of (Ambilio social-learning platform) has been done -with the ability to update and add new features in the future- by **ALI HSAINO** under the guidance and instruction of **VAIBHAV KUMAR sir** the CEO of **AMBILIO** company.

This project includes 7 web pages :

1-Sign-up page : the page where the new user can register on the platform.

2-Log-in page : the page where the old user can log-in to his personal account on the platform.

3- Feeds page: the page where users can learn from the platform users' experience and share their knowledge on the platform.

4- Profile page: the page where the user can update and add new information about him to increase his experience rate on the platform..

5-Courses page : the page where the user can find his taken courses and new courses on the platform.

6-Tests page : the page where the user can take tests to increase his skills, knowledge and experience in a specific field.

7-Codes page : the page where the user can start coding with his coursemates and debug his code.

Platform objective :

Creating a social-learning platform to connect all knowledge seekers around the world and implementing new features together.

Knowledge gained during developing this project :

During the development stages which I passed while developing this project, I learned how to implement,optimize and test the Web pages to serve the main objectives of the website which I work on.

As a Front-end intern at **AMBILIO company**, I gained a lot of knowledge about different fields in the programming field, especially in (Web development, Machine learning) fields under **VAIBHAV KUMAR** sir guidance, I am looking forward to a new opportunity to work on another project at **AMBILIO company.**

AMBILIO company

ALI HSAINO