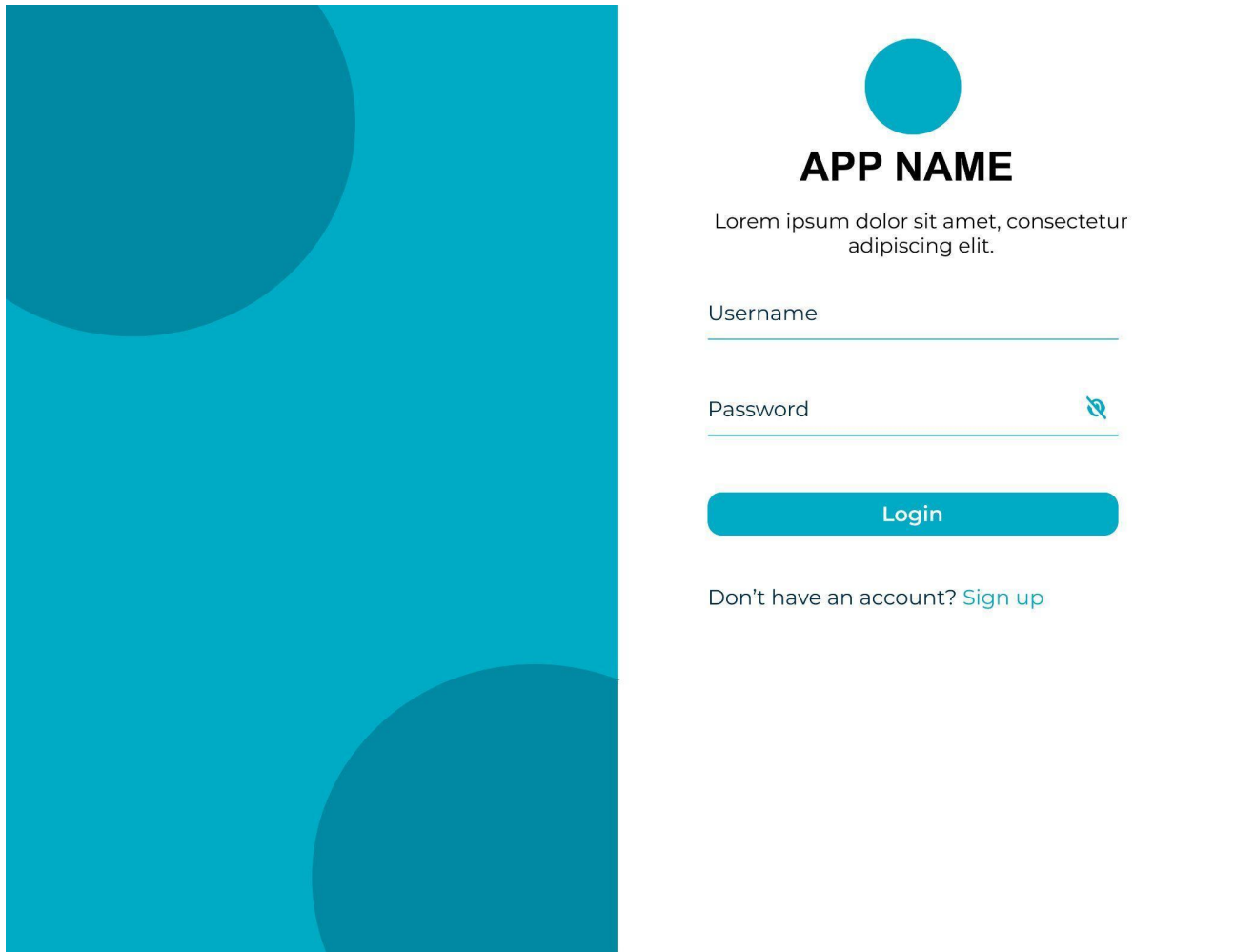


Requirement spec:

GEN-L3

Designs:

Login & Signup:

The design shows a login and signup form on the right side of a page. The left side of the page has a blue background with two large, overlapping circles in a darker shade of blue. The form on the right is white and contains the following elements: a blue circle representing a profile picture, the text 'APP NAME' in bold, a line of placeholder text 'Lorem ipsum dolor sit amet, consectetur adipiscing elit.', a 'Username' input field, a 'Password' input field with a toggle icon, a blue 'Login' button, and a link 'Don't have an account? Sign up'.

- User needs to enter username and password to login
- OnClick of Sign up, go to Signup page
- After successfully called login API, Redirect user to home page
- Make sure , the user need not to login again and again on page reloads unless he has logged out.

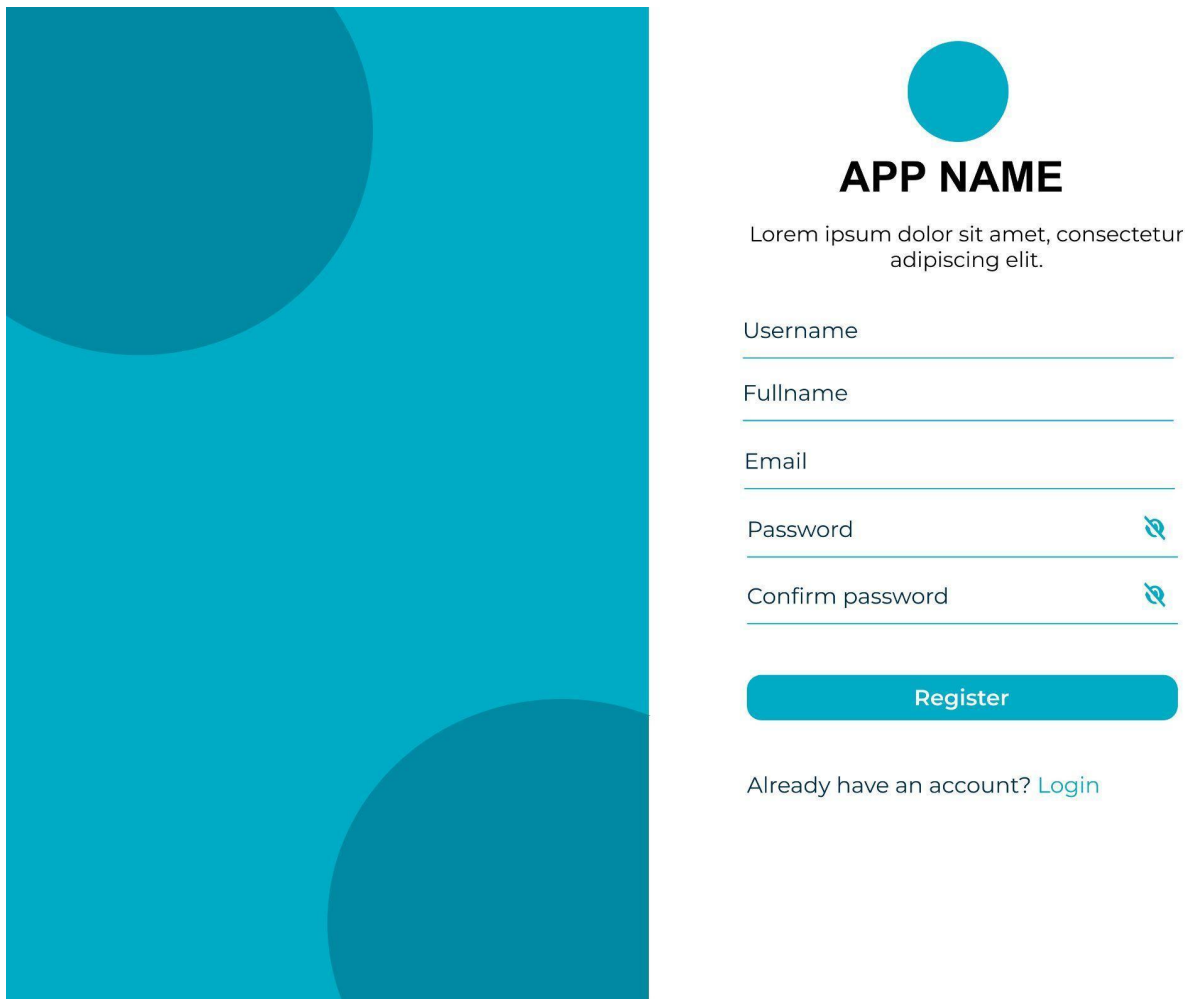
Login API:

Method: POST

Url: <https://fakestoreapi.com/auth/login>

```
Body:{
  username: 'mor_2314',
  password: '83r5^_'
}
```

Note: use normal javascript [fetch](#) API




APP NAME


Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Username

Fullname

Email

Password 

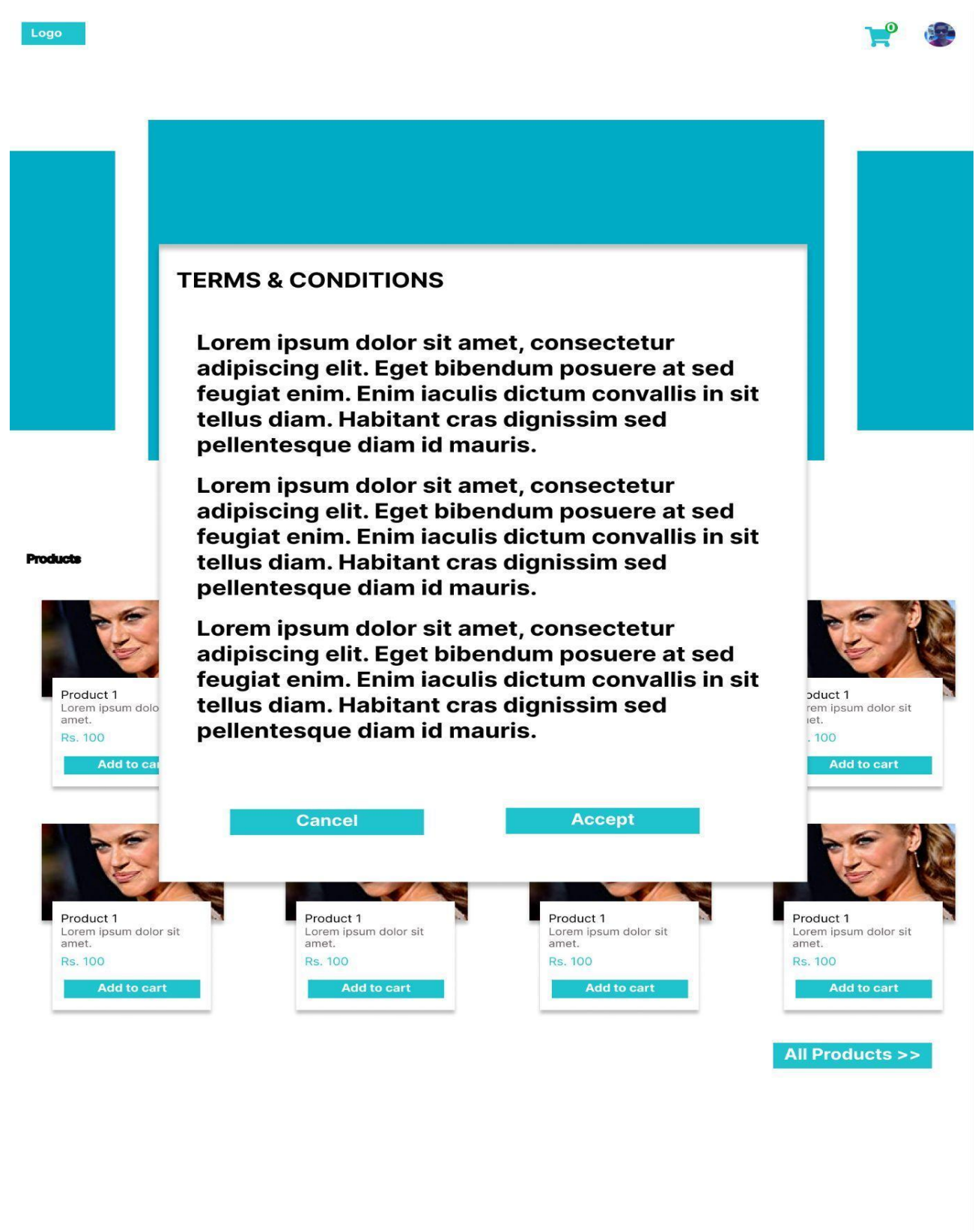
Confirm password 

Register

Already have an account? [Login](#)

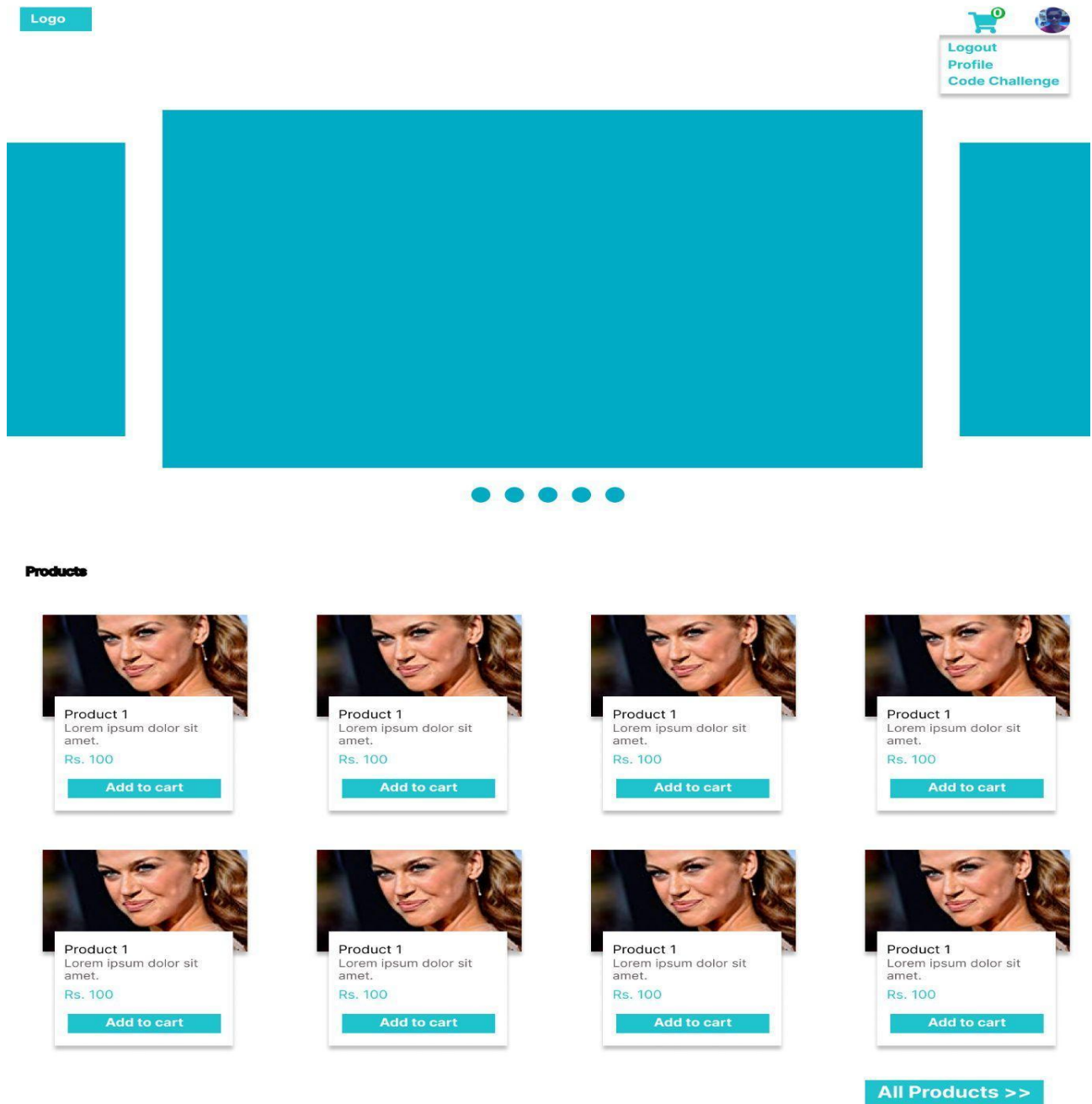
- This will be a dummy UI. There is no Register API. For now, simply use the above login API.
- OnClick of Login link, go to the Login page.
- After Successfully Called Login API, Redirect the user to home page
- Make sure , the user need not to login again and again on page reload unless he has logged out.

Home Page Terms & Condition Dialog:



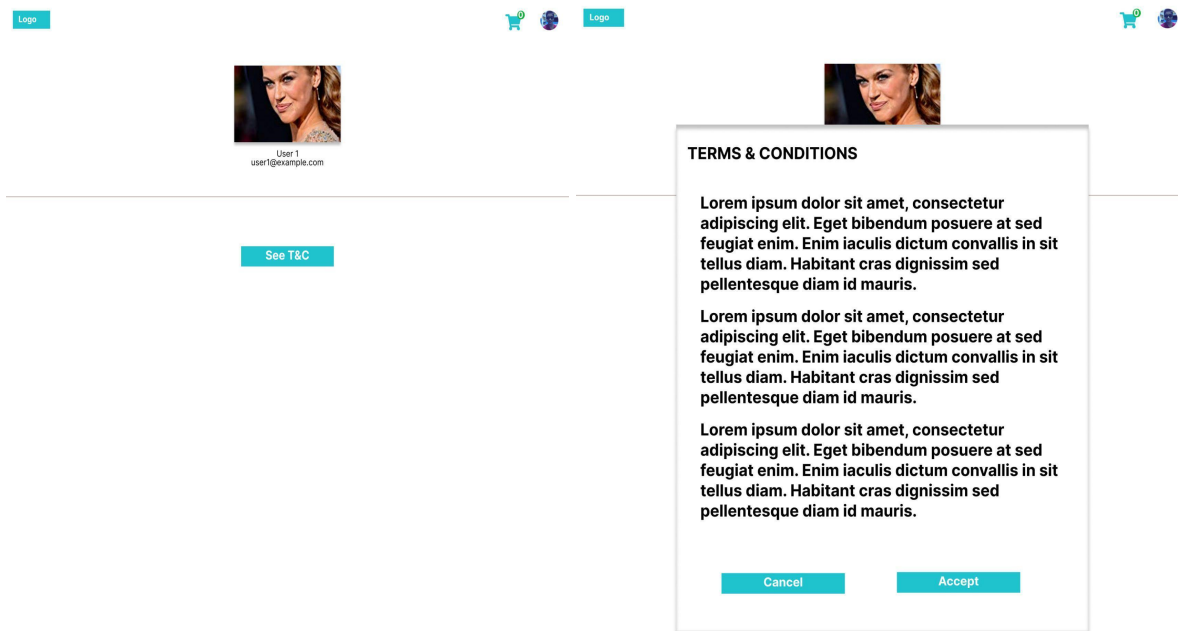
- This Terms & Condition Dialog will show immediately after the page load.
- If the user clicks on Accept, we will close the dialog and won't open when the user reloads the page.
- If the user clicks on Cancel, we will always show the dialog on page reload.

User Profile Menu



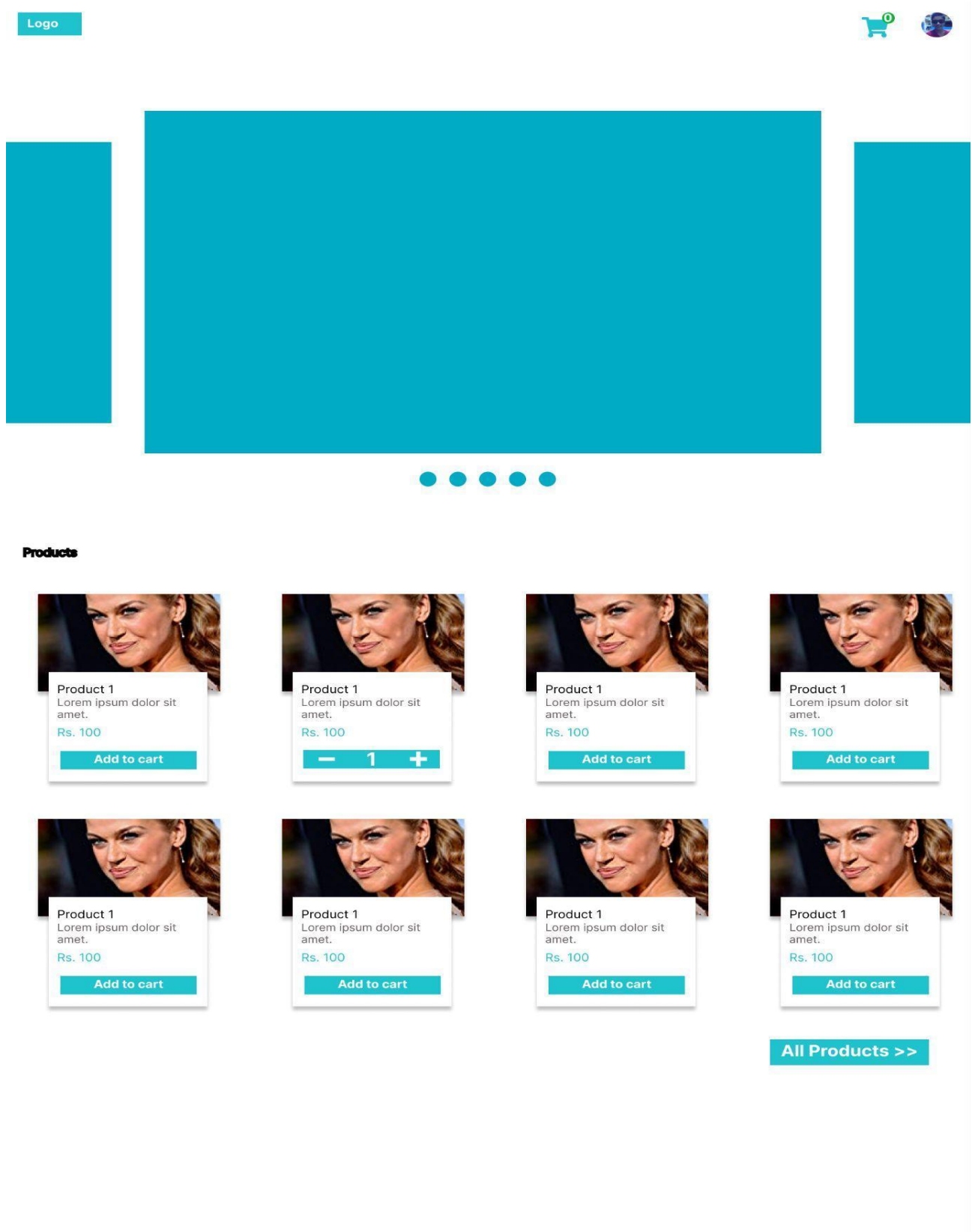
- When clicking on User profile on the right top corner we will show a menu with 3 items (Logout , Profile & Code Challenge).
- When user clicks on Logout, Simply logout the user and navigate to login page
- When user clicks on Profile, navigate to Profile page.
- When user clicks on Coding Challenge, navigate to Coding Challenge page

Profile Page:



- In the profile page , we will simply show the user image, username & email.
- Also there will be a See **T & C** button, when the user clicks on it, it will show the same T & C popup that shows on first reload where the user can accept & cancel.

Product Home Page:



- This will be our main home page.
- First section will be the **Carousel** section with at least 3 items.
- The **Products** section needs to be displayed from the API calls.
- The product endpoint is given below.

- Users can add products to cart, Once added button should change to - N + button as shown in above design.
- The counter number in the cart icon on the top right corner should change based on products added into the cart.
- When the user clicks on the **All Products** button, navigate to products Page.

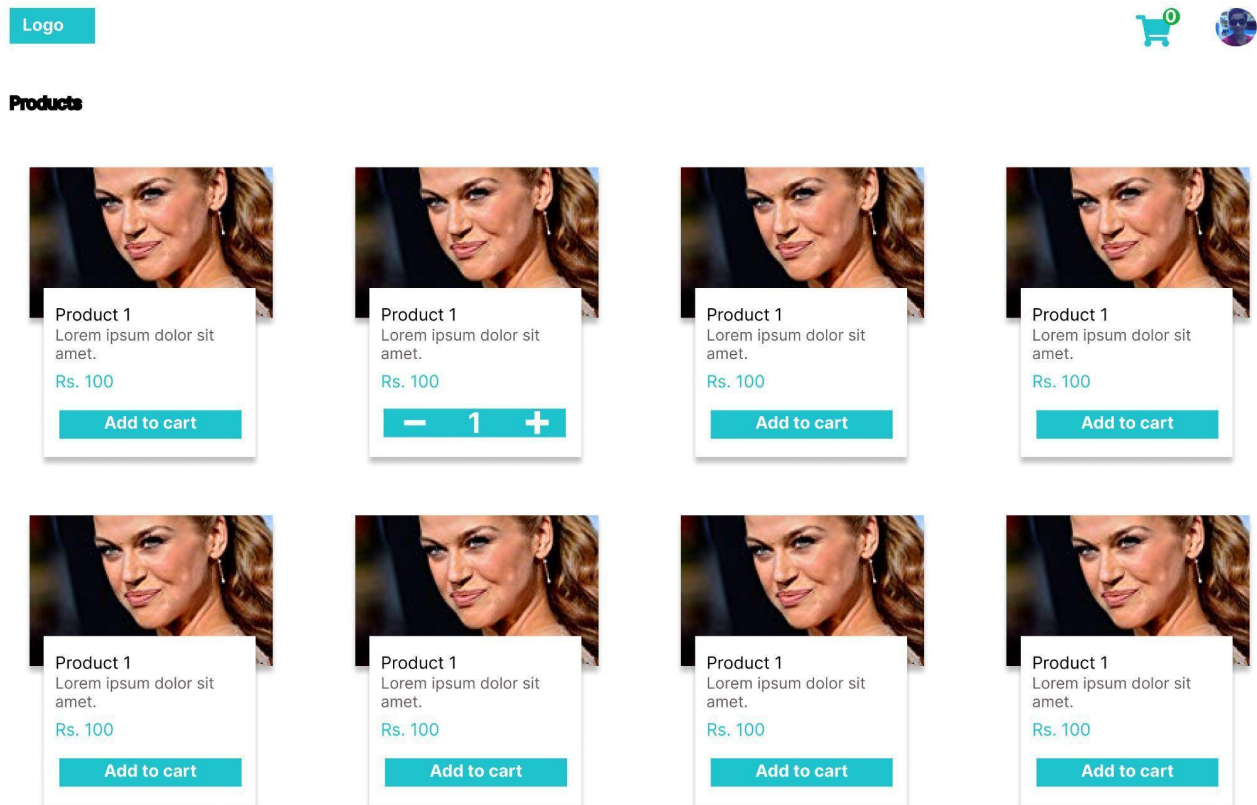
To fetch the products from REST API:

Method: GET

url: <https://fakestoreapi.com/>

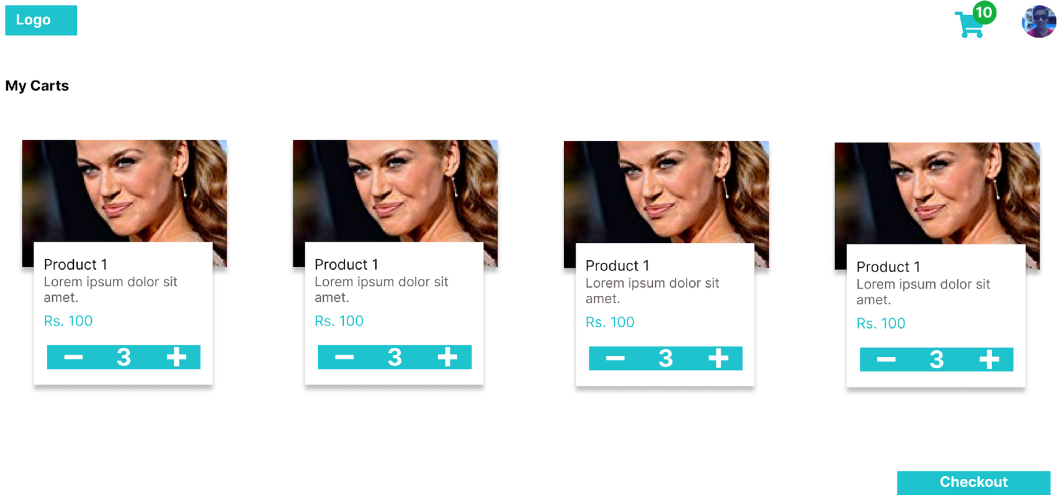
Note: use normal javascript [fetch](#) API

All Products Page:



-
- Same functionality as the **Home Product Page** above.



Product Cart Page:



- When the user clicks on the Cart icon on the top right corner this page will open.
- Here we will show a cart with products added from the Product Home Page.
- The Quantity can be Incremented or Decrementated from here.

Coding Challenge Page:

Logo



Code Challenge

Write a function:
function solution(A);
that, given an array A of N integers, returns the smallest positive integer (greater than 0)
that does not occur in A.

For example, given A = [1, 3, 6, 4, 1, 2], the function should return 5.
Given A = [1, 2, 3], the function should return 4.
Given A = [-1, -3], the function should return 1.

Write an efficient algorithm for the following assumptions:
N is an integer within the range [1..100,000];
each element of array A is an integer within the range [-1,000,000..1,000,000].

Data Collection

Input

Enter the values with comma(,) separator eg: 1,3,6,4,1,2

Print Result

Output

5

Note::

>>You need to read the data from above input and convert that values into array eg: 1,3,6,4,1,2 will be [1,3,6,4,1,2].

>>Use above converted array as a input to your solution function

>>Display the output result in above output section once you called the solution function and get the result.

- When the user clicks Coding Challenge from the profile menu this page will open.
- Here you need to design the above UI and write a solution based on the above description.

Frameworks to use:

[React Js with Typescript](#) (Typescript is highly preferred – You may still use Javascript if you are not comfortable with Typescript)

React Libraries to use:

[Redux Toolkit](#)

[React router dom v5 for routing](#)

Notes:

- Make everything as components
- Share your code code on GitHub
- Host the app online (Firebase, Netfiy etc) so that we do not have to build to test it.