

Espresso Pratunam

Test Case



Test Case 1

Test Case 1

Components and Functions

- Carlist-page:
 - Render the carlist page.
 - Render car cards.
 - Check landing page image.
 - Check Car Data render
Ex. top speed, engine litre.

```
const CarListPage = async () => {  
  
  const carList = carFetched['data'];  
  
  return (  
    <main className="relative bg-white pb-5">  
      <TopMenuBlack></TopMenuBlack>  
      <div className="w-screen mx-auto my-20">  
        <div className="w-full h-[60vh] grid grid-flow-col grid-col-3 gap-0">  
          {mockCars.map((car) => {  
            return (  
              <RecommendCard  
                key={car.name}  
                name={car.name}  
                imgSrc={car.imgSrc}  
                zeroToHundred={car.zeroToHundred}  
                topSpeed={car.topSpeed}  
                engineLitre={car.engineLitre}  
  
              ></RecommendCard>  
  
            );  
          })}  
        </div>  
        <h1 className="text-black text-4xl font-semibold px-10 mt-5 mb-5">Available Car</h1>  
        <div className="w-full grid grid-cols-4 gap-8 px-20 mb-10">  
          {  
            carList.map((car:Car) => {  
              return(  
                <CarCard key={car.RegistrationNumber} name={car.Model} brand={car.Brand} model={car.Model}  
              ></CarCard>  
            )}  
          )}  
        </div>  
      </div>  
    </main>  
  );  
};
```

```
recommendCard.tsx case1.test.tsx M case5.test.tsx case5.test.tsx (Untracked) topmenu.tsx jest.config.js page.tsx .../signin
```

__tests__ > case1.test.tsx > describe('RecommendCard') callback > it('renders with provided props') callback

```
1 import { render } from '@testing-library/react';
2 import RecommendCard from '@/components/recommendCard';
3
4 describe('RecommendCard', () => {
5   it('renders with provided props', () => {
6     // Define mock data for the props
7     const car = {
8       name: 'Honda Civic',
9       imgSrc: '/img/recommendCivic.jpg',
10      zeroToHundred: 8.5,
11      topSpeed: 137,
12      engineLitre: 1.5,
13    };
14
15    // Render the RecommendCard component with mock data
16    const { getByText, getByAltText } = render(
17      <RecommendCard
18        name={car.name}
19        imgSrc={car.imgSrc}
20        zeroToHundred={car.zeroToHundred}
21        topSpeed={car.topSpeed}
22        engineLitre={car.engineLitre}
23      />
24    );
25
26    // Assert that the name of the car is rendered
27    expect(getByText(car.name)).toBeInTheDocument();
28
29    // Assert that the image alt text is rendered
30    expect(getByAltText('LandingPageImage')).toBeInTheDocument();
31
32    // Assert that the zeroToHundred speed is rendered
33    expect(getByText(`${car.zeroToHundred} s`)).toBeInTheDocument();
34
35    // Assert that the topSpeed is rendered using a regular expression
36    expect(getByText(new RegExp(`${car.topSpeed} mph`))).toBeInTheDocument();
37
38    // Assert that the engineLitre is rendered
39    expect(getByText(`${car.engineLitre}L`)).toBeInTheDocument();
40  });
41});
```

Test result

```
hi...      at renderRoot (node_modules/@testing-library/react/dist/pure.js:180:26)
          at render (node_modules/@testing-library/react/dist/pure.js:266:10)
          at Object.<anonymous> (__tests__/case1.test.tsx:16:47)

(node:50182) [DEP0040] DeprecationWarning: The `punycode` module is deprecated. Please use a userland alternative instead.
(Use `node --trace-deprecation ...` to show where the warning was created)
PASS __tests__/case1.test.tsx
  RecommendCard
    ✓ renders with provided props (49 ms)

m
Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:   0 total
Time:        0.698 s, estimated 2 s
Ran all test suites matching /case1.test.tsx/i.
o gobgab@gobgabs-MacBook-Pro swdevprac2-project-espresso-pratunam % ┌
estcases  ⚡ 0 ▲ 0  ↪ 0  🔍 Live Share
Ln 36, Col 50  Spaces: 2
```

Test Case 2

Test Case 2

Components and Functions

- Top-menu:
 - Render the Topmenu.
 - Check the button toggle on menu.
 - Check open close the popup.
 - Check text on menu should be correctly.

```
Codeium: Refactor | Explain | Generate JSDoc | X
const Menu = ({ isMenuOpen, onMenuClose } : MenuPopupProps) => {
  return (
    <div
      className={`absolute w-screen h-screen top-full right-0 bg-opacity-100 backdrop-blur-[16px] shadow-md rounded-lg
      ${isMenuOpen ? "translate-y-0 opacity-100" : "translate-y-full opacity-0"}`}
    >
      <ul className="py-32 px-4 text-white font-normal">
        <li className="flex justify-center relative text-center w-full mb-4 translate-y-0 translate-x-0">
          <Link href="/carlist" className="transition-all duration-[1500ms] ${isMenuOpen ? "translate-x-0" : "translate-x-full"}">
            <span className="text-8xl text-inherit ml-[200px] inline-block transition-all duration-[400ms] hover:text-[#004bfa] ${isMenuOpen ? "text-4xl" : "text-8xl"}>01</span> Car Rental
          </Link>
        </li>
        <li className="flex justify-center relative text-center w-full mb-4 translate-y-0 translate-x-0">
          <Link href="/bookinglist" className="transition-all duration-[2000ms] ${isMenuOpen ? "translate-x-0" : "-translate-x-full"}">
            <span className="text-8xl text-inherit ml-[200px] inline-block duration-[400ms] hover:text-[#004bfa] ${isMenuOpen ? "text-4xl" : "text-8xl"}>02</span> Booking List
          </Link>
        </li>
      </ul>
    </div>
  );
}

export default Menu;
```

```
const TopMenu = () => {
  <div className="w-[20%] flex items-center text-white font-bold justify-start px-10 transition duration-500 ease-in-out">
    <button className="transition duration-500 ease-in-out ${isMenuOpen ? "transform rotate-180" : ""}" type="button" onClick={toggleMenu} aria-label="Toggle Menu" aria-expanded={isMenuOpen ? "true" : "false"}>
      {isMenuOpen ? (
        <svg
          className="w-8 h-8 fill-current text-white"
          viewBox="0 0 20 20"
          xmlns="http://www.w3.org/2000/svg"
        >
          <path d="M15.898,4.045c-0.271-0.272-0.713-0.272-0.986,0l-4.71,4.71L5.493,4.045c-0.272-0.272-0.714-0.272-0.986,0s-0.272,0.714,0,0.986l4.709,4.711l-4.71
        </svg>
      ) : (
        <svg
          className="w-8 h-8 fill-current text-white hover:text-gray-400 transition duration-500 ease-in-out"
          viewBox="0 0 20 20"
          xmlns="http://www.w3.org/2000/svg"
        >
          <path
            fillRule="evenodd"
            d="M3 5a1 1 0 01-1h12a1 1 0 01-1-1zM6 10a1 1 0 01-1h8a1 1 0 01-1-1zM5 15a1 1 0 01-1h10a1 1 0 01-1-1z"
            clipRule="evenodd"
          />
        </svg>
      )}
    </button>
  </div>
  <div className="h-full w-[20%] flex items-center justify-center">
    <Link href="/">
      <Image
        src="/img/logo.png"
        width={50}
        height={50}
        alt="logo"
      />
    </Link>
  </div>
  <div className="flex items-center w-[20%] justify-center relative">
    <Link href="/premium" className="px-3 py-2.5 text-white font-bold transition duration-500 ease-in-out rounded-lg hover:bg-white hover:background-10">
      Premium
    </Link>
    <Link
      href="/profile"
      className="ml-5 hover:bg-white hover:background-10 px-2 py-2 rounded-lg transition duration-500 ease-in-out"
    >
      <Image
        src="/img/user.png"
        width={30}
        height={30}
        alt="userImage"
      />
    </Link>
  </div>

```

```
swdevprac2-project-espresso-pratunam
case6.test.tsx U case3.test.tsx recommendCard.tsx case1.test.tsx M case2.test.tsx M X topmenu.tsx jest.con

__tests__ > case2.test.tsx > describe('TopMenu') callback > it('toggles the menu when the button is clicked') callback
1 import { render, fireEvent } from '@testing-library/react';
2 import TopMenu from '../src/components/topmenu';
3
4 describe('TopMenu', () => {
5   it('toggles the menu when the button is clicked', () => {
6     const { getByLabelText } = render(<TopMenu />);
7     const toggleButton = getByLabelText('Toggle Menu');
8
9     // Initially, the menu should be closed
10    expect(toggleButton).toBeInTheDocument();
11    expect(toggleButton).toHaveAttribute('aria-expanded', 'false');
12
13    // Click the button to open the menu
14    fireEvent.click(toggleButton);
15
16    // After clicking, the menu should be open
17    expect(toggleButton).toHaveAttribute('aria-expanded', 'true');
18
19    // Click the button again to close the menu
20    fireEvent.click(toggleButton);
21
22    // After clicking again, the menu should be closed
23    expect(toggleButton).toHaveAttribute('aria-expanded', 'false');
24  });
25
26  // Add more test cases as needed...
27});
28
```

Test result

```
● gobgab@gobgabs-MacBook-Pro swdevprac2-project-espresso-pratunam % npm run test -- case2.test.tsx
> espresso-pratunam@0.1.0 test
> jest case2.test.tsx
(node:50505) [DEP0040] DeprecationWarning: The `punycode` module is deprecated. Please use a userland alternative instead.
(Use `node --trace-deprecation ...` to show where the warning was created)
PASS  __tests__/_case2.test.tsx
TopMenu
  ✓ toggles the menu when the button is clicked (29 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:   0 total
Time:        0.643 s, estimated 2 s
Ran all test suites matching /case2.test.tsx/i.
○ gobgab@gobgabs-MacBook-Pro swdevprac2-project-espresso-pratunam %
Testcases  ⌂ 1 △ 0  ↵ 0  🔍 Live Share
Ln 21, Col 1
```