

WEBD

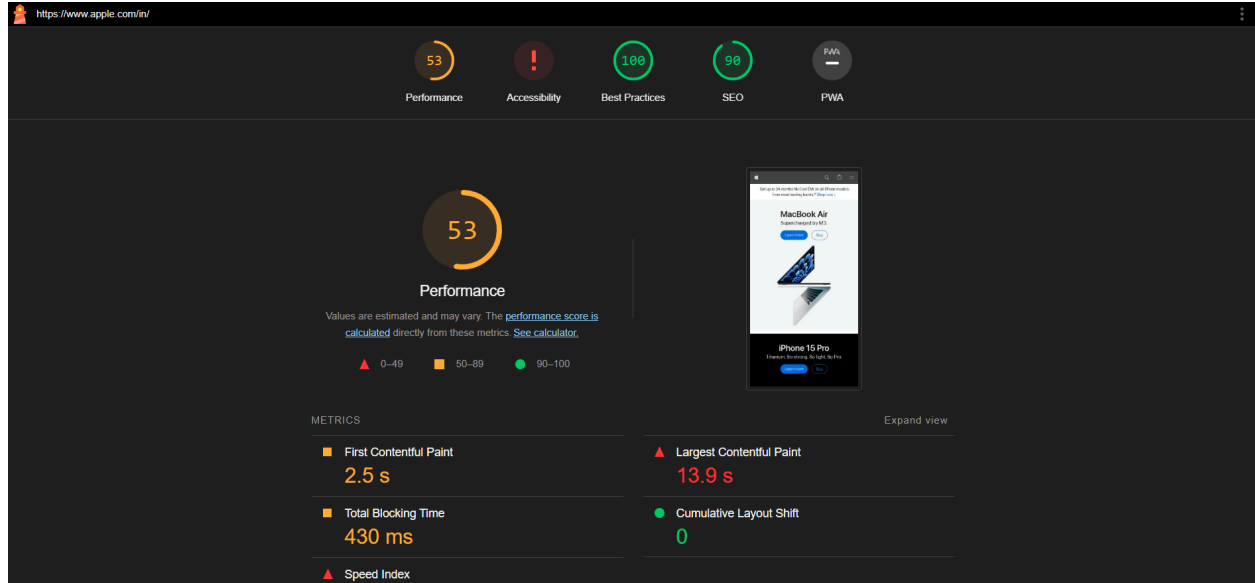
ASSIGNMENT

NAME : G.Sai Bharath Chandra Reddy

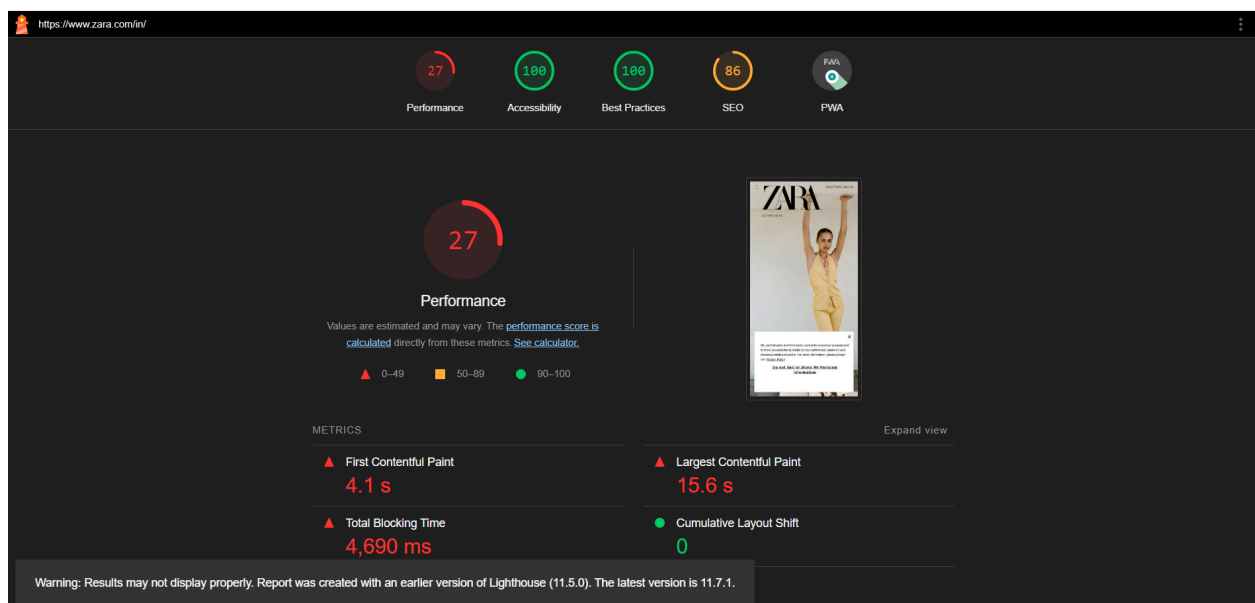
Roll.No : 22cs2013

(A). Web page performance analysis (Using LightHouse)

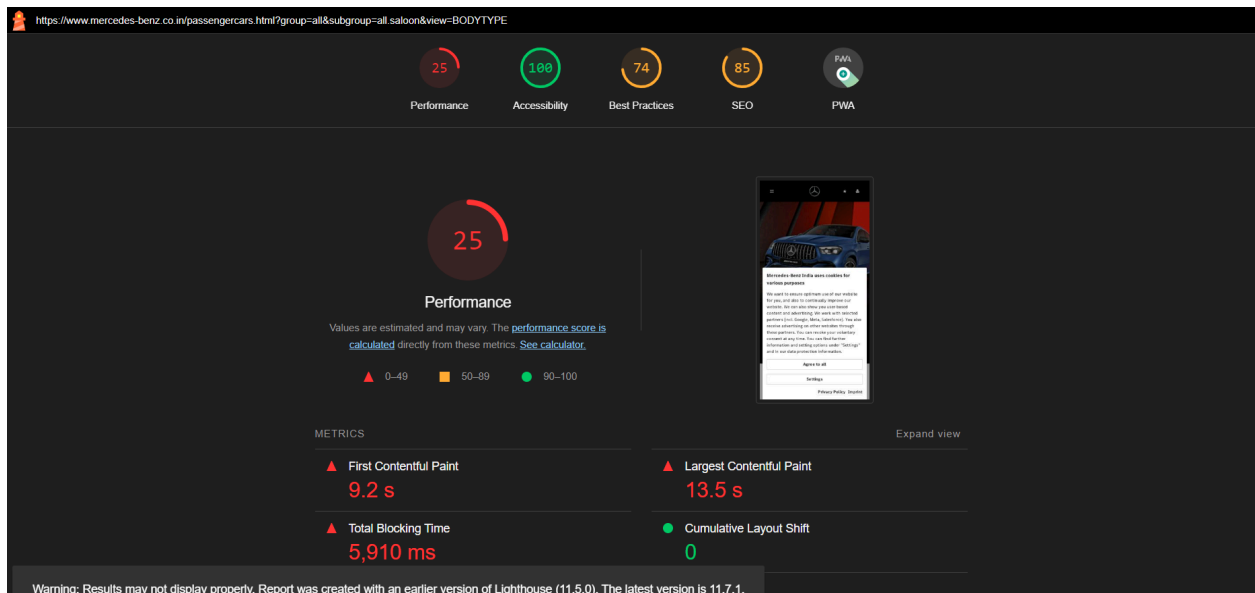
1.Apple Website



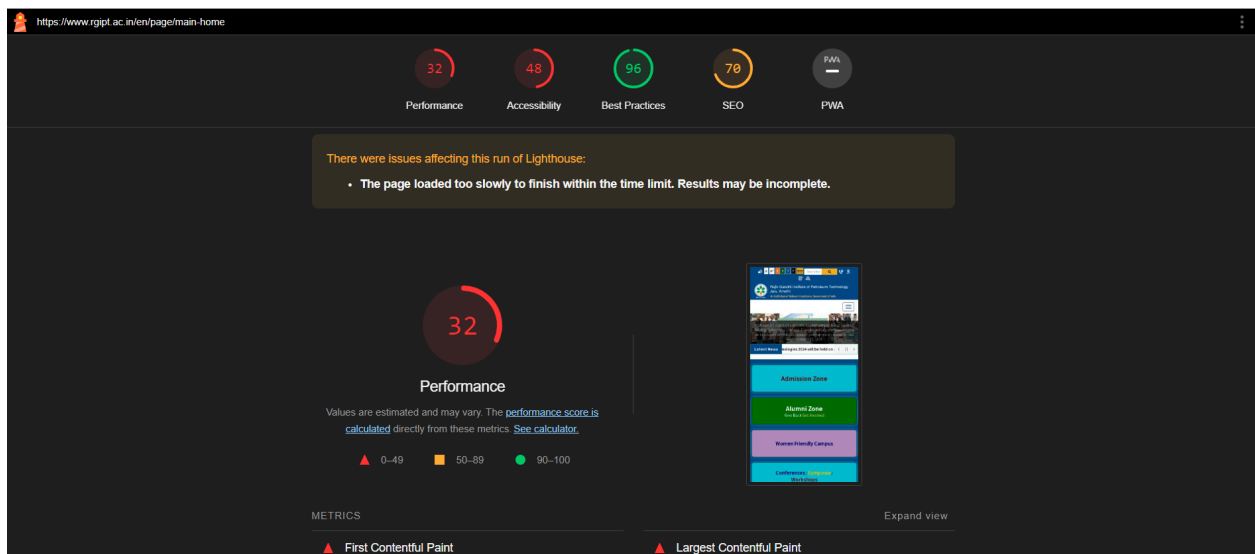
2. Zara Website



3. Benz Website



4. RGIPT Website



(B). MERN-APP

```
payup > backend > models > .js Users > @ mongoose > username
1 const mongoose = require("mongoose");
2 const bcrypt = require("bcrypt");
3
4 const userSchema = new mongoose.Schema({
5   username: {
6     type: String,
7     required: true,
8     unique: [true, "Username already exists"],
9     trim: true,
10    lowercase: true,
11    minlength: 3,
12    maxlength: 30
13  },
14  password: {
15    type: String,
16    required: true,
17    minlength: 6
18  },
19  firstName: {
20    type: String,
21    required: true,
22    trim: true,
23    maxlength: 50
24  },
25  lastName: {
26    type: String,
27    required: true,
28    trim: true,
29    maxlength: 50
30  }
31 });
32
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

PS C:\Users\bhara\OneDrive\Desktop\PAY-UP\payup\backend> npm run server

> backend@1.0.0 server
node index.js

[nodeemon] 3.1.0
[nodeemon] to restart at any time, enter "rs"
[nodeemon] watching path(s): *.*
[nodeemon] watching extensions: js,mjs,cjs,json
[nodeemon] starting node index.js
Server up and running on port:5001

```
payup > frontend > src > @ main.jsx > ...
1 import React from "react";
2 import ReactDOM from "react-dom/client";
3 import "../index.css";
4 import {
5   Router,
6   RouterProvider,
7   createBrowserRouter,
8   createRoutesFromElements,
9   defer,
10 } from "react-router-dom";
11 import Root from "../components/Root.jsx";
12 import Dashboard from "../pages/Dashboard.jsx";
13 import SendMoney from "../pages/SendMoney.jsx";
14 import EditInfo from "../pages/EditInfo.jsx";
15 import Landing from "../pages/Landing.jsx";
16 import SignUp from "../pages/SignUp.jsx";
17 import Login from "../pages/Login.jsx";
18 import PrivateLayout from "../components/PrivateLayout.jsx";
19 import HomeLayout from "../components/HomeLayout.jsx";
20 import NotFound from "../pages/NotFound.jsx";
21 import { validateToken } from "../lib/api-client.ts";
22 import { toaster } from "@components/ui/sonner";
23
24 const router = createBrowserRouter(
25   createRoutesFromElements(
26     <Route
27       path="/"
28       element={<Root />}
29       loader={() => defer({ dataPromise: validateToken() })}
30     >
31       <Route element={<HomeLayout />}
32       <Route index element={<Landing />} />
33       <Route path="/signup" element={<SignUp />} />
34       <Route path="/login" element={<Login />} />
35     </Route>
36
37     <Route path="/dashboard/" element={<PrivateLayout />}
38     <Route index element={<Dashboard />} />
39     <Route path="/send/" element={<SendMoney />} />
40     <Route path="/edit-info" element={<EditInfo />} />
41   </Route>
25
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS

Server up and running on port:5001