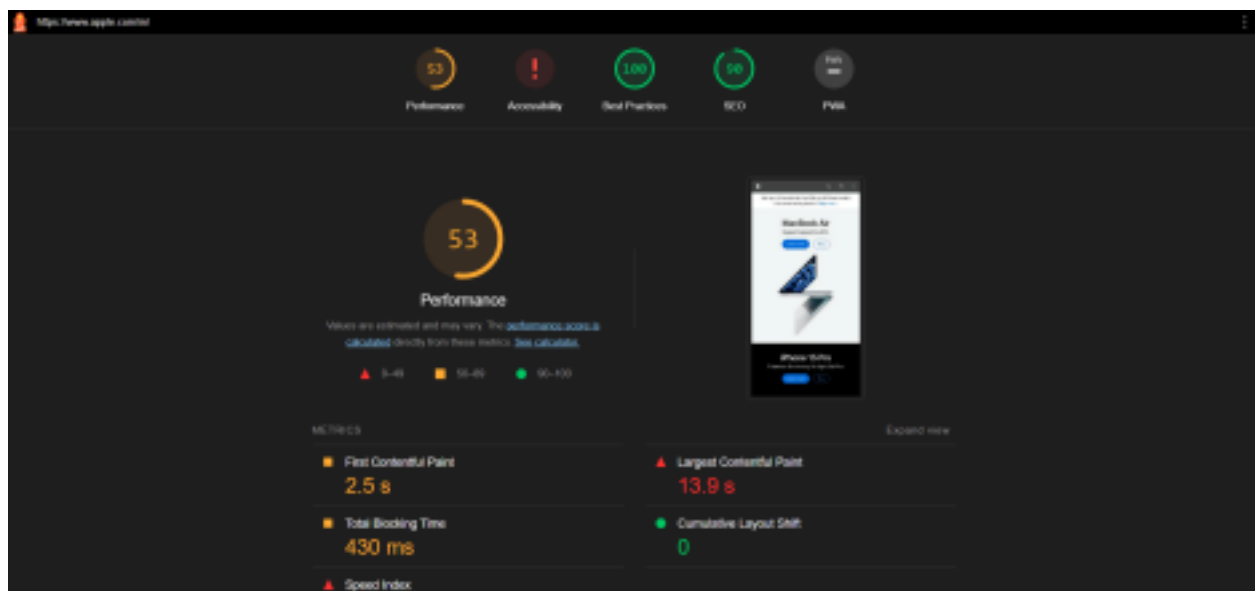
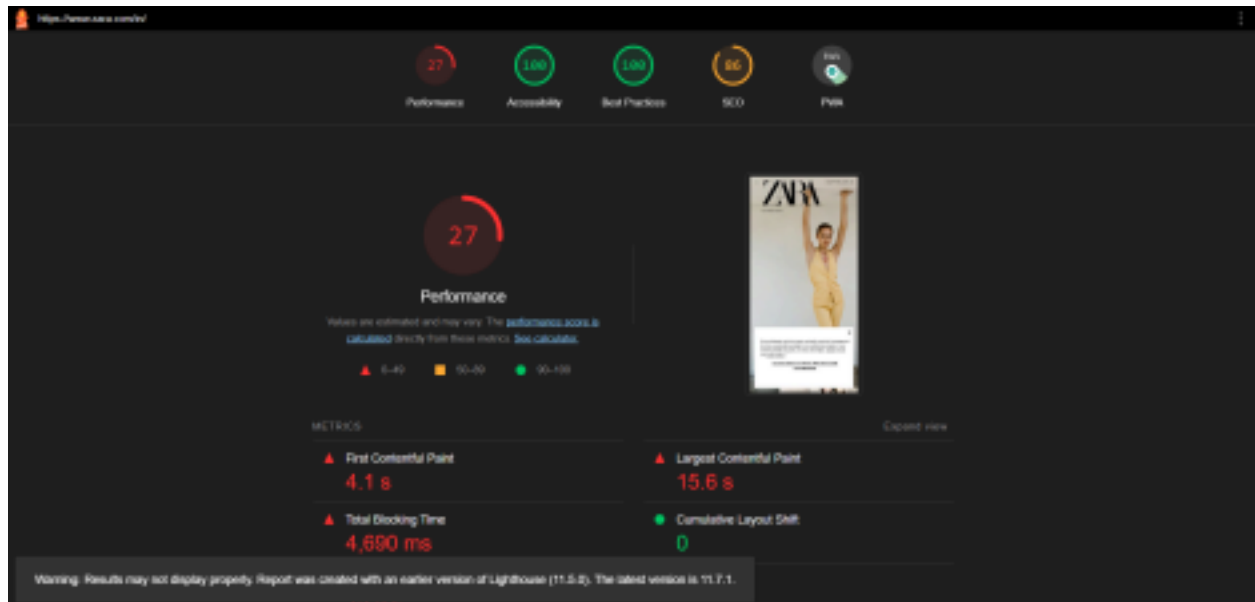


(A). Web page performance analysis (Using LightHouse)

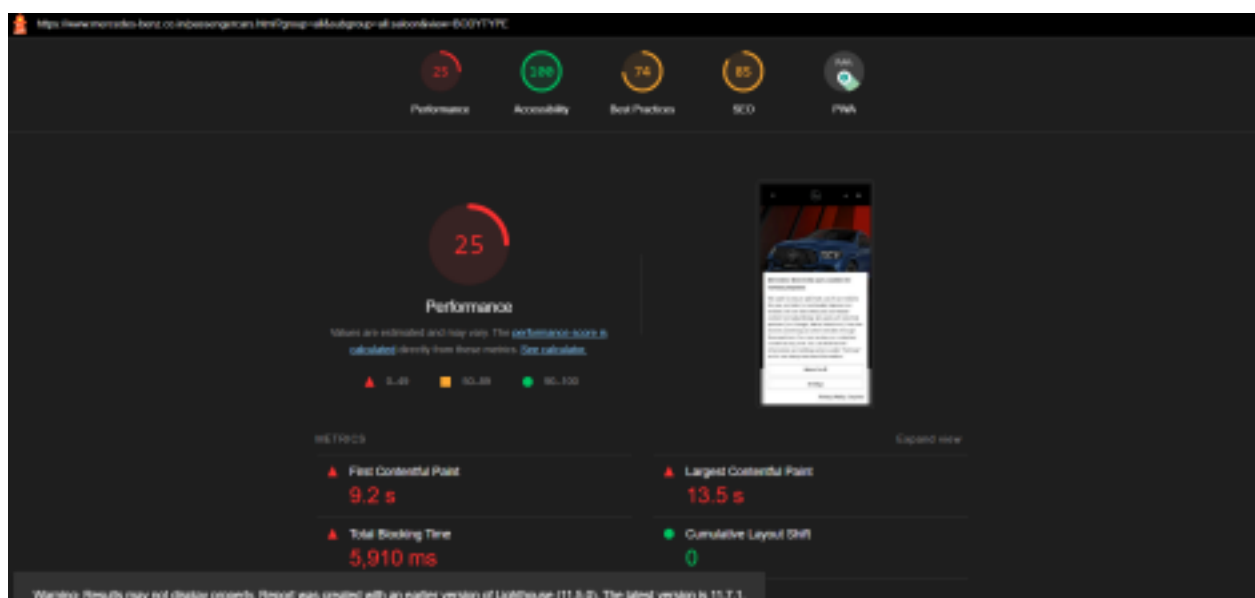
1.Apple Website



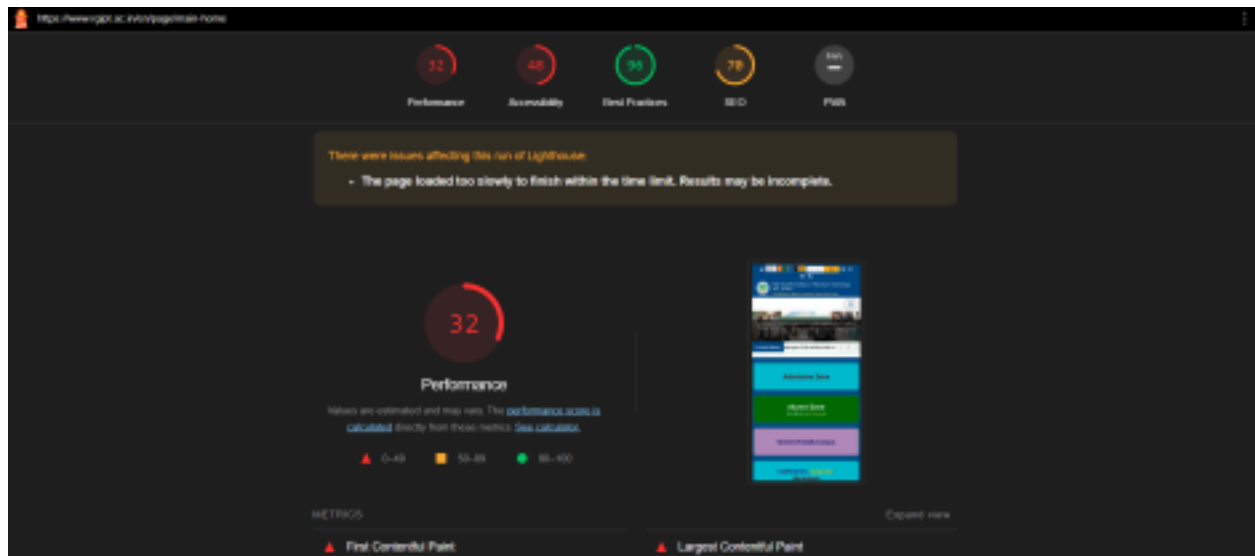
2. Zara Website



3. Benz Website



4. RGIPT Website



(B). MERN-APP

```
const express = require('express');
const cors = require('cors');
const mongoose = require('mongoose');

const app = express();
app.use(cors());
app.use(express.json());

// GET route
app.get('/', (req, res) => {
  res.json({ message: 'Welcome to the API' });
});

// POST route
app.post('/users', (req, res) => {
  const { name, email } = req.body;
  if (!name || !email) {
    return res.status(400).json({ error: 'Name and email are required' });
  }
  // Here you would typically create a new user in your database
  res.status(201).json({ message: 'User created successfully' });
});

// PUT route
app.put('/users/:id', (req, res) => {
  const { id } = req.params;
  const { name, email } = req.body;
  if (!name || !email) {
    return res.status(400).json({ error: 'Name and email are required' });
  }
  // Here you would typically update a user in your database
  res.status(200).json({ message: 'User updated successfully' });
});

// DELETE route
app.delete('/users/:id', (req, res) => {
  const { id } = req.params;
  // Here you would typically delete a user from your database
  res.status(200).json({ message: 'User deleted successfully' });
});

const PORT = 3001;
app.listen(PORT, () => {
  console.log(`Server is running on port ${PORT}`);
});
```

server.js

```
PS C:\Users\shahid\Documents\Projects\mern-app> npm run server
npm run server
> backend@1.0.0 server
> node server.js

[backend] 1.0.0
[backend] to restart at any time, enter 'rs'
[backend] switching to production | node --require dotenv-expand config
[backend] starting... node server.js
Server up and running on port 3001
```

