

Class: Third Year (Computer Science and Engineering)

Year: 2020-21

Semester: 2

Course: Advanced Web and Mobile Application Development Lab (4CS381)

LA4/ESE Exam

14/06/2021 01.00 PM – 04.00 PM

Exam Seat No:

Name: Mahendra Bhimrao Garge

Exam Seat Number: 2018BTECS00033

Problem Statement 1

Statement: Design and build a simple photography website using Node.js, Express.js and any database.

Screenshot 1:

A screenshot of a Windows PowerShell terminal window. The title bar shows two open windows, both named 'Windows PowerShell'. The command prompt shows the current directory as 'D:\ALLSEMS\SEM6\SEM6New\AWAMAD\AWAMAD_LA4\2018BTECS00033' and the command 'npx create-react-app photography_react' being entered. The cursor is at the end of the command line.

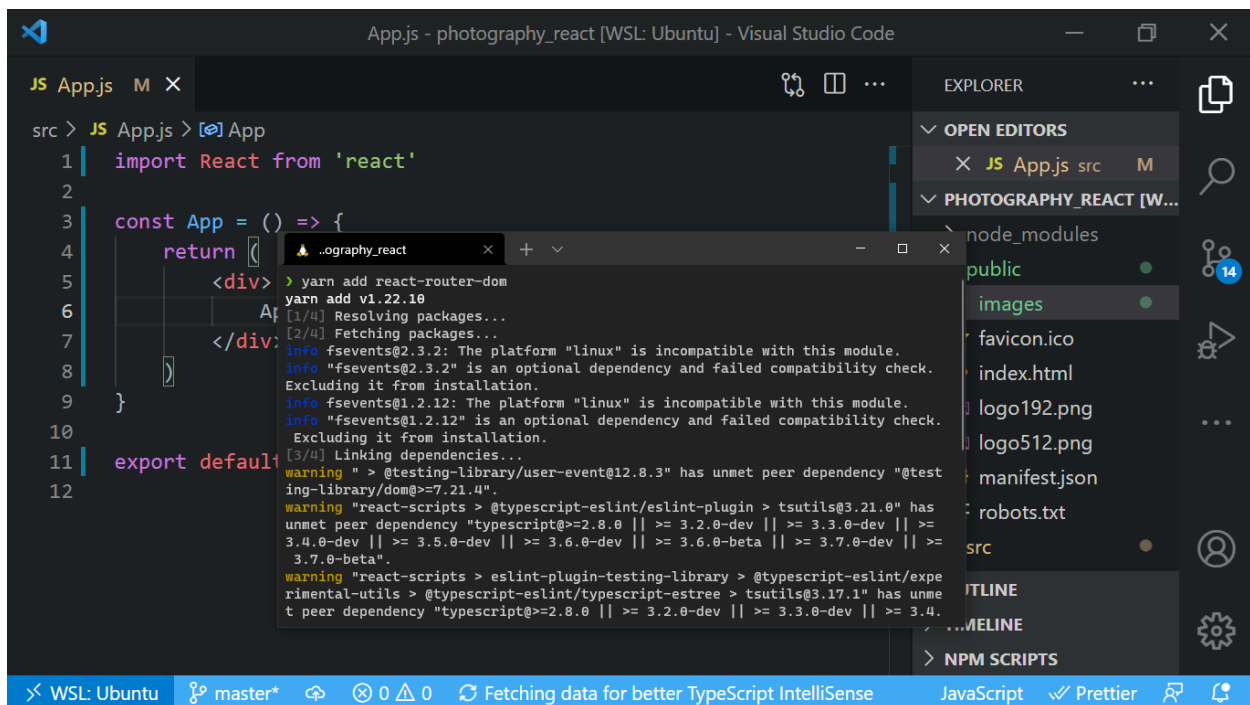
Information 1: Created react app

Screenshot 2:



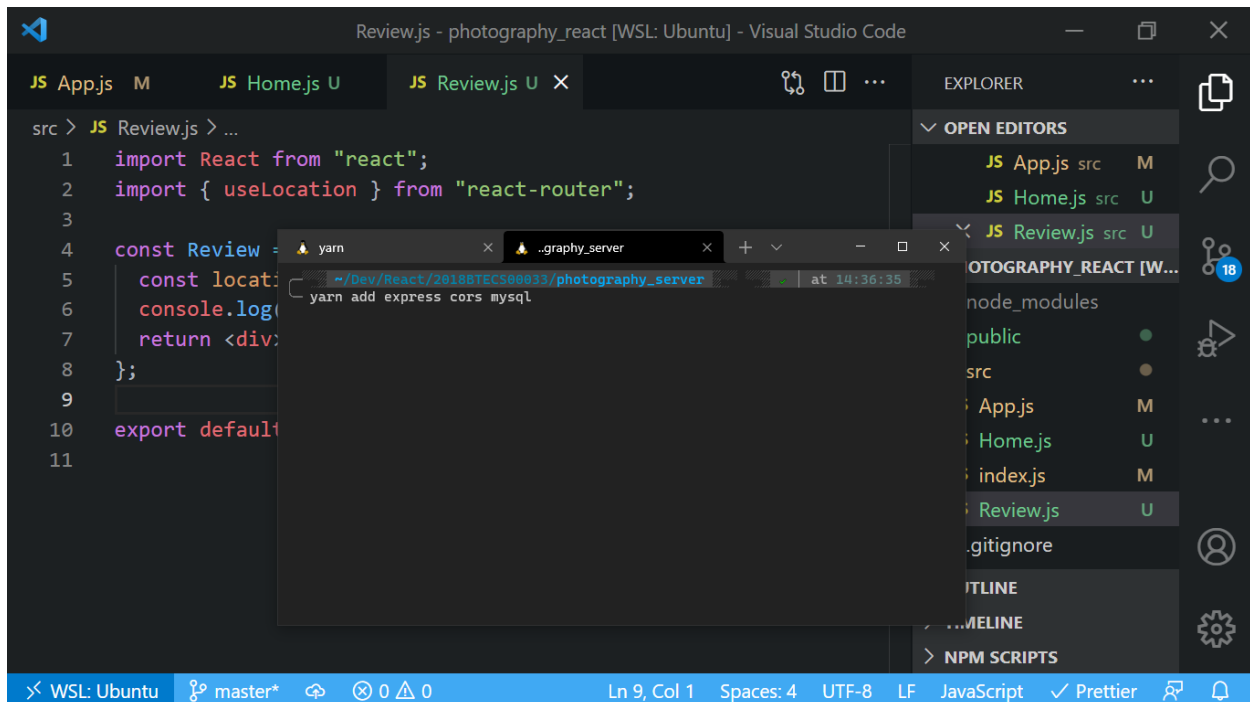
Information 2: Created server with express

Screenshot 3:



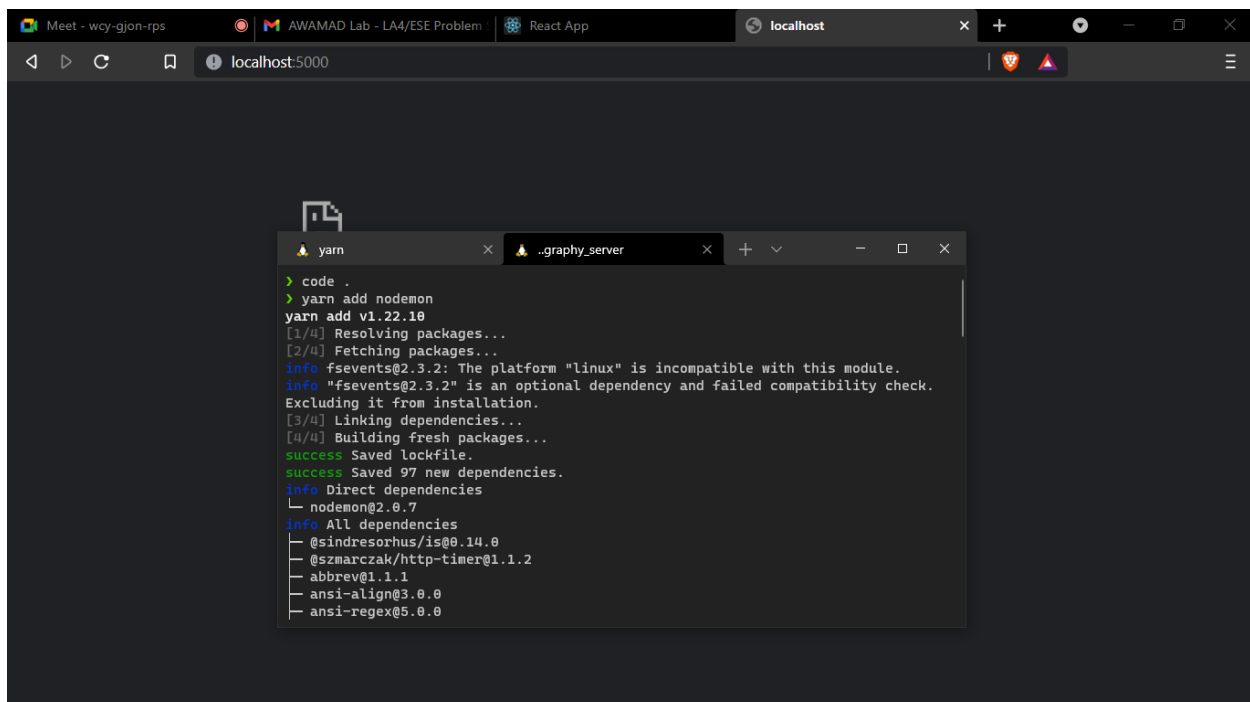
Information3: Installed react router

Screenshot 4:



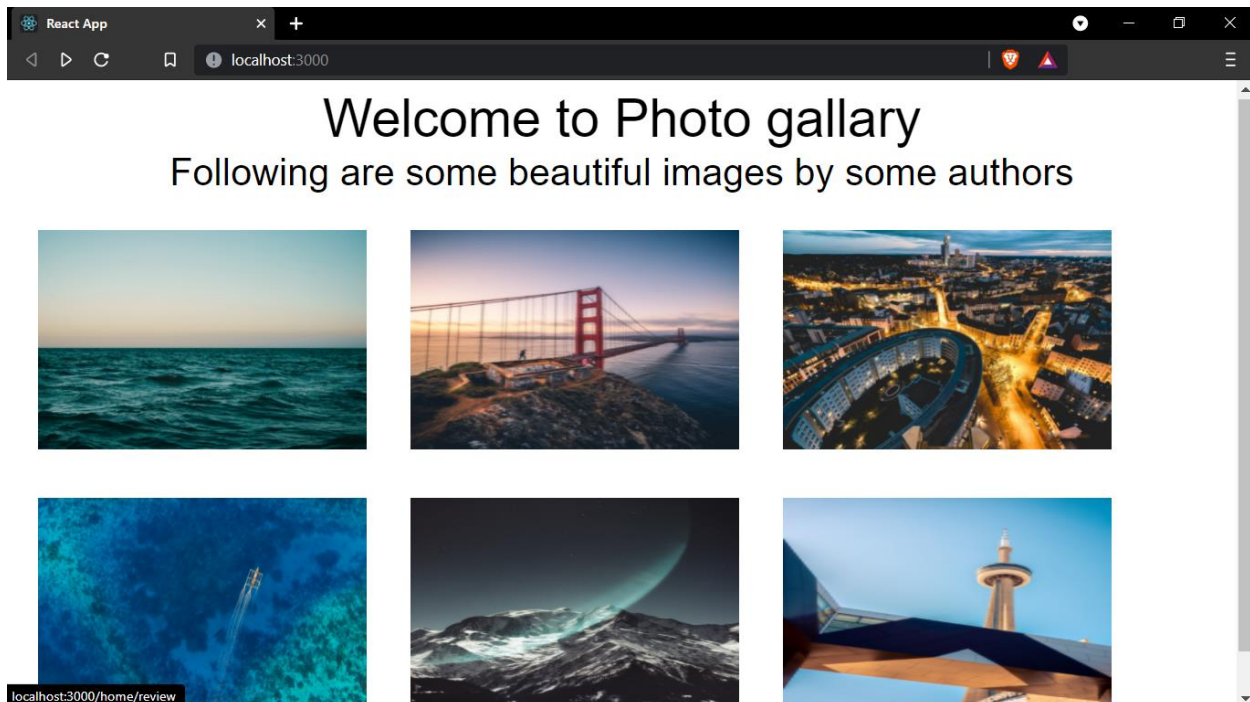
Information4: Install serer dependencies

Screenshot 5:



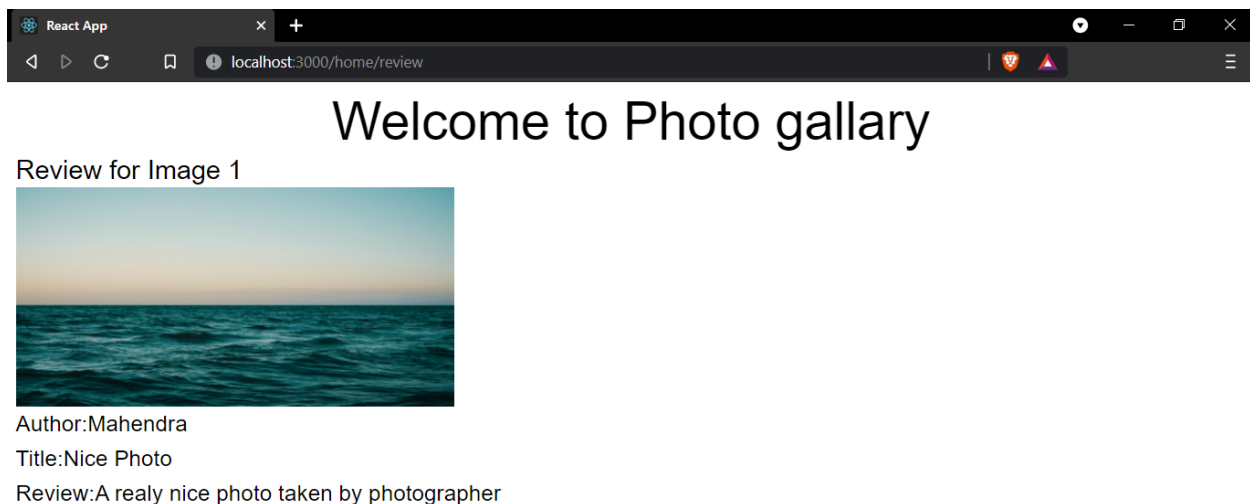
Information: Installed nodemon in express.

Screenshot 6:



Information 6: Home screen of photo gallery

Screenshot 7:

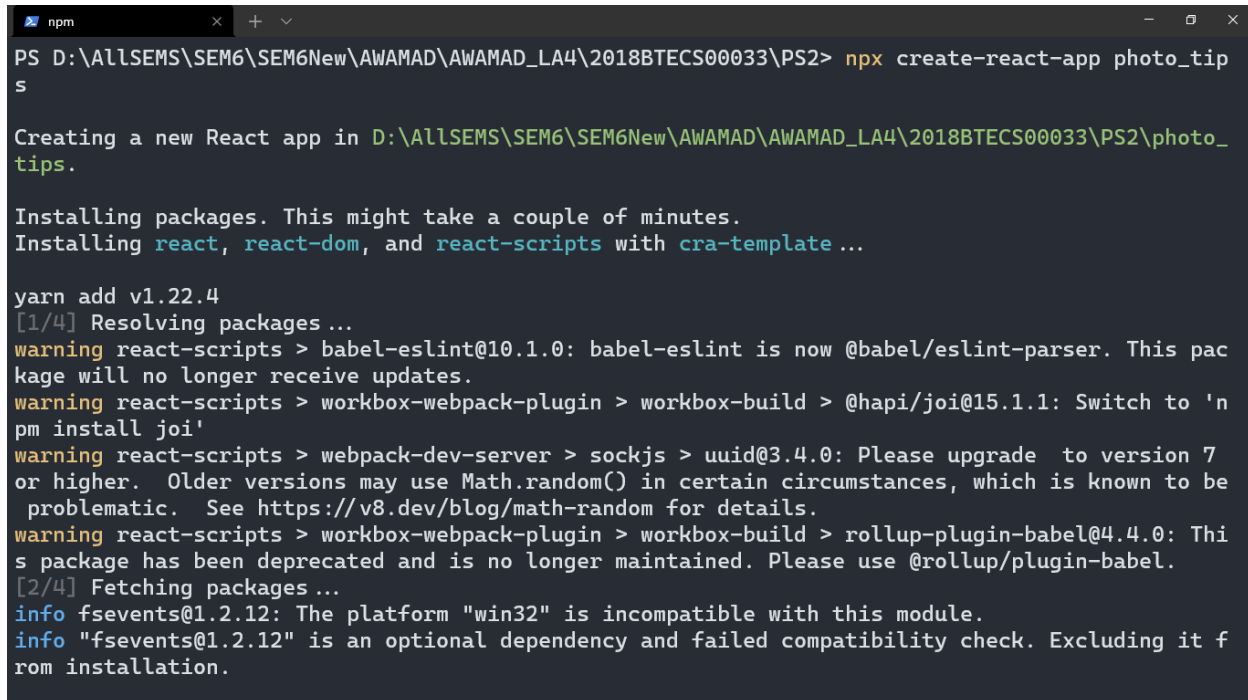


Information 7: Fetching review of particular image from database.

Problem Statement 2

Statement: Create and run React App for photography tips using different components, props and user defined components.

Screenshot 1:

A screenshot of a terminal window with a dark background. The window title bar shows 'npm' and standard window controls. The terminal text shows the command 'npx create-react-app photo_tips' being executed in a directory path. It then shows the installation of packages (react, react-dom, react-scripts) using 'cra-template'. This is followed by 'yarn add v1.22.4' and a list of warnings and info messages regarding package updates and compatibility checks for various dependencies like babel-eslint, workbox, and fsevents.

```
PS D:\AllSEMS\SEM6\SEM6New\AWAMAD\AWAMAD_LA4\2018BTECS00033\PS2> npx create-react-app photo_tips

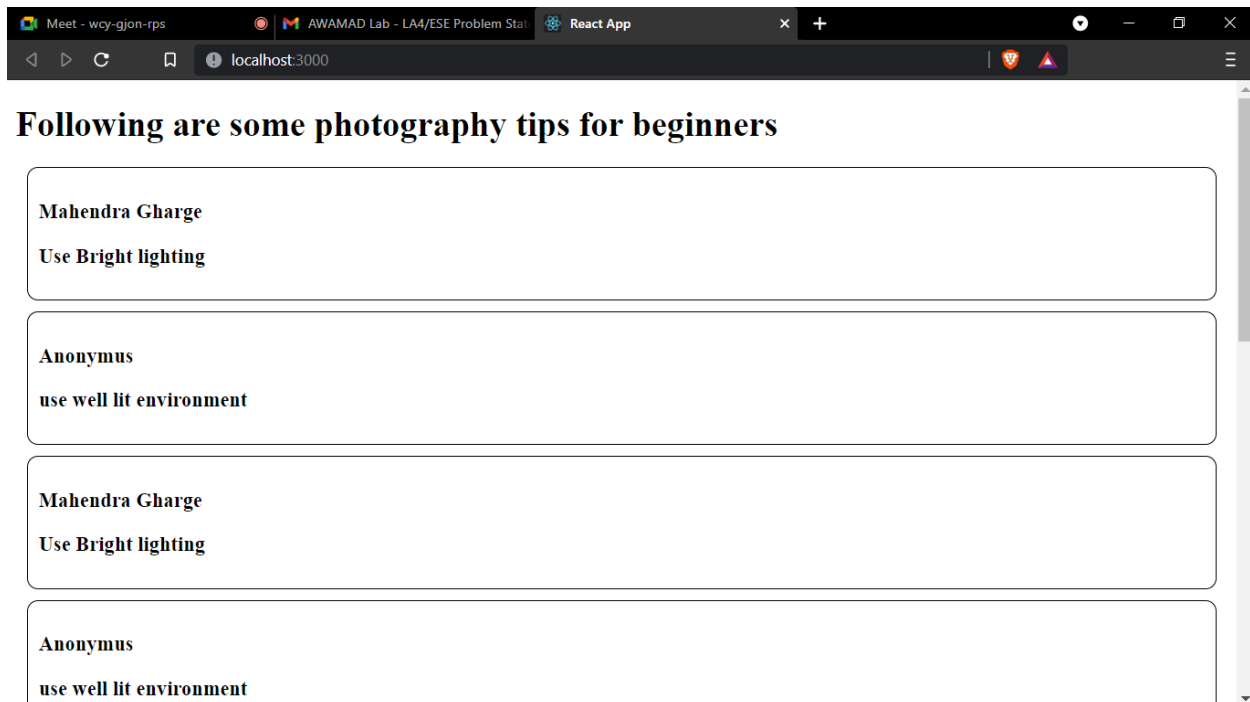
Creating a new React app in D:\AllSEMS\SEM6\SEM6New\AWAMAD\AWAMAD_LA4\2018BTECS00033\PS2\photo_tips.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

yarn add v1.22.4
[1/4] Resolving packages...
warning react-scripts > babel-eslint@10.1.0: babel-eslint is now @babel/eslint-parser. This package will no longer receive updates.
warning react-scripts > workbox-webpack-plugin > workbox-build > @hapi/joi@15.1.1: Switch to 'npm install joi'
warning react-scripts > webpack-dev-server > sockjs > uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See https://v8.dev/blog/math-random for details.
warning react-scripts > workbox-webpack-plugin > workbox-build > rollup-plugin-babel@4.4.0: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-babel.
[2/4] Fetching packages...
info fsevents@1.2.12: The platform "win32" is incompatible with this module.
info "fsevents@1.2.12" is an optional dependency and failed compatibility check. Excluding it from installation.
```

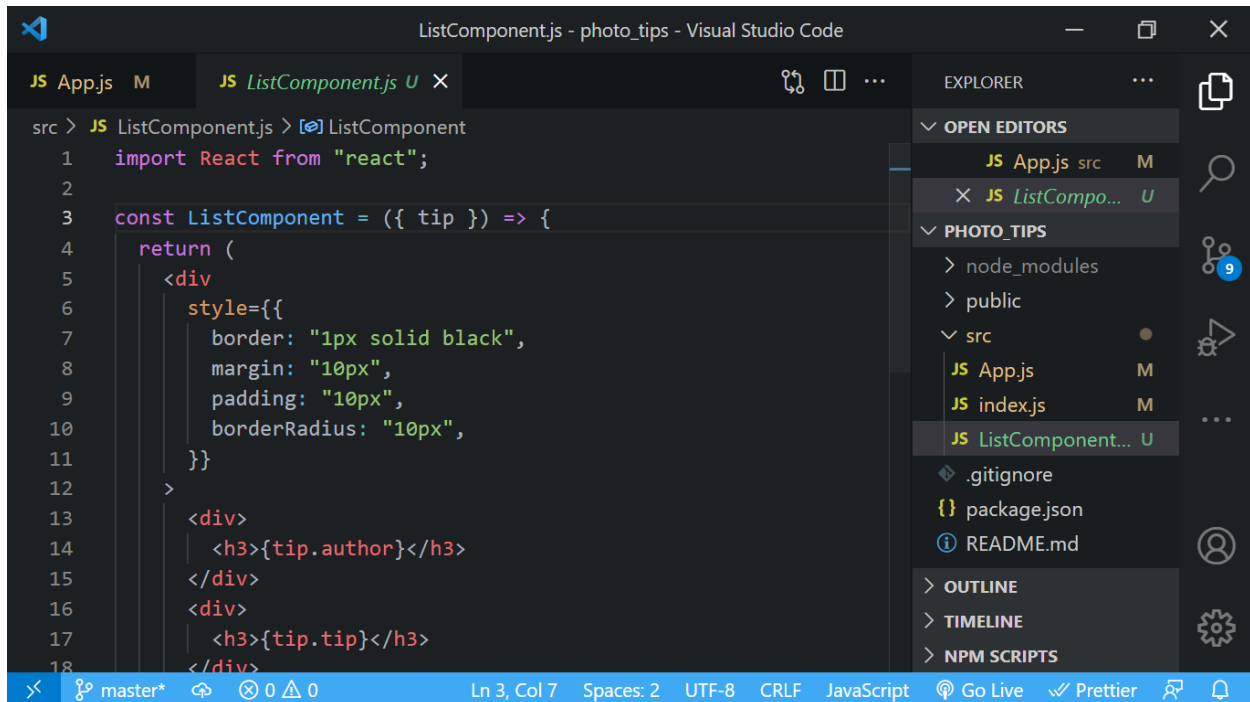
Information 1: created react app

Screenshot 2:



Information2: Running react app for photography tips

Screenshot 3:



Information 3: Created custom component

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Department of Computer Science and Engineering

Technologies Used: React, express, MySQL
GitHub Link: <http://github.com/g-mahendra/awamad>