

Sir Parashurambhau College (Autonomous), Pune - 30  
Department of Computer Science  
M.Sc. Computer Science Part I Semester II 2020-21

**Synopsis**

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 **Title of the project :-** Travel Guide.

 **Problem Definition:-**

The main problem of the existing system is that they provide extra, and unnecessary information. Because of this problem user get confused.

 **Review of existing System:-**

Google Maps is a Web-based service that provides detailed information about geographical regions and sites around the world. Google Maps offers aerial and satellite views of many places. Google Maps offers street views comprising photographs taken from vehicles.

 **Scope of Proposed System:-**

Searching for exact places,  
Fetching restaurants,  
Hotels and attractions based on location

## **Objective of the project :-**

To help the user in its efficient way.

To have a faster, easier & global accessible service for the Tourists.

Make users plans happen by connecting with the places user interested in.

## **Methodology and Techniques:-**

**API's :-** Google Maps API, Travel Advisor API, Rapid API

**Languages: -** react.js, JavaScript, HTML, CSS.

## **Hardware & Software Support :-**

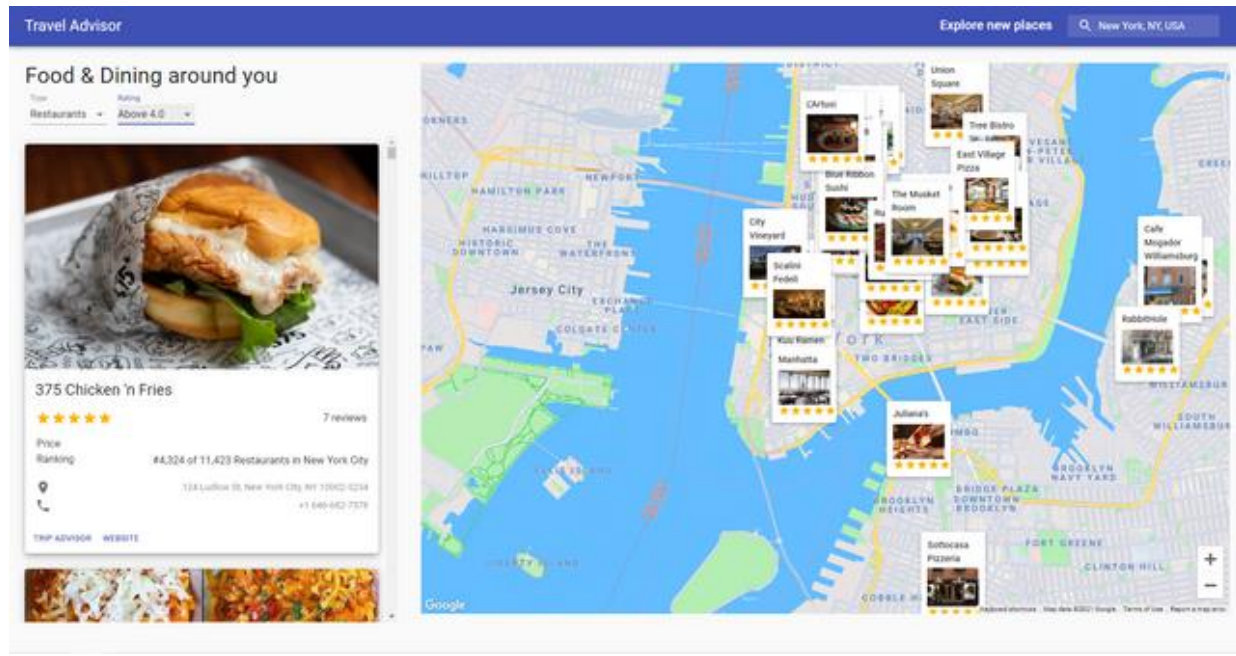
### ● **Hardware requirements:**

- Modern Operating System:
  - a. Windows 7 or 10
  - b. Mac OS X 10.11 or higher, 64-bit
  - c. Linux: RHEL 6/7, 64-bit (almost all libraries also work in Ubuntu)
- x86 64-bit CPU (Intel / AMD architecture) and above CPU
- 2 GB RAM
- 2 GB minimum hard disk space required.

### ● **Software requirements:**

- Node.js (14.17.6)
- Visual Studio Code IDE
- Chrome Browser.

## I/O screens:-



## Testing strategies

- Testing is the process of evaluating a system or its component(s) with the intent to find whether it satisfies the specified requirements or not.
- Testing is executing a system in order to identify any gaps, errors, or missing requirements in contrary to the actual requirements.
- Black-Box Testing: The technique of testing without having any knowledge of the interior workings of the application is called black-box testing.
- White-Box Testing: The tester needs to have a look inside the source code and find out which unit/chunk of the code is behaving inappropriately.

- Integration Testing: This test is the first stage of testing and will be performed amongst the teams (developer and QA teams). Unit testing, integration testing and system testing when combined together is known as alpha testing.
- Integration Testing: Integration testing is defined as the testing of combined parts of an application to determine if they function correctly.
- Unit Testing: is a level of software testing where individual units/components of the software are tested. The purpose is to validate that each unit of the software performs as designed. The cost of fixing a defect detected during unit testing is lesser in comparison to that of defects detected at higher levels.

#### **Bibliography:-**

##### **Websites:-**

<https://www.wikipedia.org/>

[Www.Google.com](http://www.google.com)

<https://console.cloud.google.com/>

<https://rapidapi.com/>