



CSE3002

Internet and Web Programming

FINAL REPORT

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Dream Destination Finder

Table of Contents

S.No.	Title	Page Number
1.	Abstract	1
2.	Introduction	1
3.	Method	2
4.	Results	2
5.	Conclusion	3
6.	References	3

Abstract

Dream Destination Finder is a website that helps you find your next perfect destination according to what you desire. Basically, how it works is that it asks you a series of control questions and based on your answers suggests a vacation destination with a description of the place along with a lot of pictures.

Introduction

The top bar consists of logo, name of the project, home and login buttons. This bar stays static, meaning that when you move from one component to other, this bar will always stay on top.

There are 6 components in our project-

- About us

It consists of details of the project, and information of the team.

- Contact us

This page has my contact information, and a message box where you can leave your comments and reviews about the website.

- Dream (Homepage)

The home page has a video playing in the background and consists of home, login, about us, contact us, and “find my perfect destination button”.

- Final

This page has the details of the final destination that is decided based on your answers of the control questions present in the main page. This page has the location name, image, description and the places you can visit nearby.

- Login

This page is where you enter your login information to be saved in the backend. After entering your login ID and password you can click the submit button after which you get a confirmation message that your data has been sent to the database and then takes you back to the homepage in 3 seconds.

- Main

This page has 3 control questions and based on your answer, displays the final component consisting of the description of the place and images.

Method

We have used Angular framework to make the project. Front end consists of a homepage where you have to enter your Account name and create a password which will be stored in backend. Then, you have to answer a series of control questions which helps in determining your vacation destination. The answers are saved in backend side along with user information. Based on your answers it redirects you to another web page which consists of a description of the place and pictures of the place. Backend will store user information and account details like account name, email and password.

Tools Used-

Framework- Angular to build web application

Front End Designing- HTML + SASS(Syntactically Awesome Style Sheets) + JavaScript for web page designing

API- Node JS

Database- MongoDB

All images related to the project and stored in assets folder.

Results

Index.js (NodeJs file consisting of all API connections , database connections and conditions for getting each different output on the final page(if/else))

Conclusion

Dream Destination Finder has a lot of scope of improvement but surely is a worthy project. It has been built on all the latest tools that are in demand today. Around 2000+ lines of code have been written. I studied everything from scratch and spent 60+ hours just studying and learning how to use the tools for this project and implementing it. Hope you liked it.

References

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- <https://www.geeksforgeeks.org/>
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- <https://angular.io/guide/architecture>
- <https://angular.io/resources?category=education>