**PROPOSAL FOR CSE 499 (One semester long project)**

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ULAB

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**Project title: “**Dream Tour Guide”

**Objective:**

The purpose of this project is to guide tourists in the right way. This system will help tourists to find their desire place within their budgets.

Tourists also will be able to save time to find their budget-friendly packages. As the tourist is the key to guide services, we must carry out theoretical study and practical design on intelligent tourist guide systems based on the tourists’ demands. This system is developed using React, node js, MongoDB for database management. System will show multiple places with its images and other description which will be viewable on map. Admin can view all the feedback messages received from the registered users. User can provide feedback to admin regarding the working of the system.

**Motivation:**

People love to travel. For traveling, people need to save more time and also it's difficult to search for a budget-friendly place. So this system helps people to find their tour place easily. It should also be able to find distance, time and cost to travel particular destination.

So, It will help in designing efficient, fast searching artificial intelligence algorithms with optimization.

these days we feel insecure about our information. In this system, I will build a high-security so that users' information will be safer.

**Methodology:**

It comes from my personal observation and questionnaires first, which are the basic sources of primary data. Which suffices all research objectives.

And the secondary data comes from the internet, research papers, admin, tourists information are uses as secondary sources.

**Expected outcome:**

The expected outcome of this project is to develop a website where tourists can find their budget-friendly places and can trust their data safety.

People can view the previous visitors review. And tourist can select transports for their travel. In this system, user data will be secure.

**Timeline:**

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| --- | --- |
| **TASKS** | **Tentative Dates** |
| Data collection & processing | 15 June-25 June |
| Model Developing | 26 June to 10 July |
| Train model | 11 July to now |
| Testing model and Bug fixing |  |
| Finalizing model |  |
| UI Design and web development |  |
| Final product testing and bug fixing |  |
| Report and documentation |  |
|  | |
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**Resources:**

React

MongoDB

Node JS—for backend

HTML CSS

Mongoes

**References:**

1. Introduction to A - Stanford CS Theory [online] [http://theory.stanford.edu/~amitp/GameProgramming/AS tarComparison.html](http://theory.stanford.edu/~amitp/GameProgramming/AS%20tarComparison.html)
2. Intelligent Tourist Information System. [online] <http://www.projectsparadise.com/intelligent-touristinformation-system/#>
3. Intelligent tourist system project | NevonProjects [online] nevonprojects.com/intelligent-tourist-system-project/
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5. Rich, Elaine, and Kevin Knight. "Artificial intelligence." McGraw-Hill, New (1991).