**Major Project Proposal**

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| Project ID: **21B02** |

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| Project Title: **Travel-Go: Your Smart Travelmate** |

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| **Abstract:** A responsive and Dynamic **web service** for recommending and booking tickets from one destination to other via Train, Flight, Bus or Cab. It will suggest fastest as well as cheapest option to travel by single travel mode or combinational travel mode (i.e. Travel by Bus, then travel by Train followed by Car journey between source-destination pair if single mode of travel is not available including in between transit time. |

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| **Module Description:**  It will include the following features:   * **AI based Recommendation System**   It is fast and robust Recommendation system capable of giving quick recommendations based on various aspects. The Recommendation plan will be according to the Budget of the customer, Preference plan, travel time…etc. The recommended objects will be displayed on user portal.  The aim of this recommendation system is to suggest relevant items to the user. It will ensure user will spend more time to the website by showing objects only of their interests.   * Traveller Register and Log-In. * Traveller Info Management - Traveller Registration, managing traveller database, recording their phone numbers and addresses statistics. * We will also create our database for storing the Train, Bus, Flights that operates between those cities. * **Ticket Booking System**   **Category of User:**  **Admin** is able to observe and maintain the whole system. He also maintains the security.  The functionalities are:   * Log in * Maintain Travelers Details * Add and Delete any Trips * Update and Change Database * Log out   **Traveller**:  A traveller will buy ticket through this site. Each traveller has an individual account and is given a user id and password, which identifies him uniquely. Traveller can know about the details process of ticketing. The options given to each registered Traveller are:   * Login * Update Information * Buy Ticket * Logout |
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| **Tools/ Technology Used:**  **Technologies Used:**   * PHP * MySQL * phpMyAdmin * JavaScript * HTML5 * CSS3 * Python   **Tools Used:**   * XAMPP (Apache Services, MySQL Services) * Sublime Text Editor/Notepad ++ * Jupyter |

**Group Details:**

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**Approved By:**

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Signature:

Date: 05/05/2020