**22CS66 th Sem Mini-Project Synopsis**

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| DEPARTMENT | COMPUTER SCIENCE & ENGINEERING | | | |
| TITLE OF THE PROJECT | **StayScape** - Emphasizes exploring and staying in unique locations. | | | |
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| PROJECT GUIDE | Prof. Muquitha Almas | | | |
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| PROJECT - Domain | Full Stack Web Development | | | |
| PROJECT Problem STATEMENT | Managing vacation rental properties and bookings can be challenging for both property owners and travelers. Traditional methods often involve manual processes, leading to inefficiencies, double bookings, and lack of real-time updates. Additionally, users find it difficult to compare rental options or manage their bookings seamlessly. There is a need for a centralized platform that simplifies the process of listing, booking, and managing vacation rentals, providing a user-friendly interface and real-time updates. This platform should also ensure secure and efficient transactions. | | | |
| Proposed Solution | Solution Strategy with a block diagram | | | |
| PlaTform that will be used for implementation  (Name the hardware and Software tools and Development Environment  that you will be using for implementation) | HW: Personal Computer or Server | | | |
| JavaScript (Node.js) | | | |
|  **Front-End**: EJS, HTML, CSS, Bootstrap   **Back-End**: Node.js, Express.js   **Database**: MongoDB   **Development Environment**: VS Code, Node.js runtime environment, MongoDB server for database management | | | |
| References |  **Express.js Documentation** - <https://expressjs.com/>   **MongoDB Documentation** - <https://www.mongodb.com/docs/> | | | |