**Student Portfolio**

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| **Vipin G** | |
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| **Subject Title: 21CSC201J Data Structures and Algorithms**  **Handled By: Dr. K.Rajkumar** | |
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| **ELab Completion Status** | |
| **Lab Experiment Completion status** | |
| **SOLVED REAL WORLD PROBLEM / CONCEPTUAL TASK**  **Managing Parking Slots**   * Insertion (Park a Car): Traverse the linked list, locate the first available slot, mark it occupied, store car details. * Deletion (Remove a Car): Find the slot with the specific car, mark it empty, and remove car details. * Traversal (Display Parked Cars): Traverse the linked list, display details of each node representing an occupied parking slot. * Search (Find a Specific Car): Traverse through the list, checking each occupied slot for matching car details to locate it.     **Project ppt:** | |
| **CERTIFICATIONS (Coursera/edX/etc.)**  **Include any online courses, workshops, or certifications related to Dat Structures and algorithms, problem-solving** | |
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| **CODING COMPETITIONS**  **Any notable rankings or achievements in coding contests**  **(e.g., LeetCode, CodeChef, HackerRank, Codeforces, ICPC)** | |

**Signature of the Student** A signature on a white paper

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