|  |  |
| --- | --- |
| **MINI PROJECT-I/INTERNSHIP-I** | |
| Domain of the Project | C++ Programming |
| Title of the Project | Making Linked Lists Easy |
| Year/Sem | 2nd Year 2nd Sem |
| Name of the Guide&  Designation | Major Dr.V.A. Narayana  Principal |
| Date of Submission | 28/05/2022 |
| **Roll Number** | **Name of the Student** |
| 20H51A05B1 | BALLA GANESH |
| 20H51A05B5 | BODDU SHRAVYA |
| 20H51A05C7 | KOSARAJU SAI HARSHA |

**ABSTRACT**

We know that the functions can ease the process of coding. The idea of our project is to increase the reusability and ease of insertion, deletion etc in a Linked List. In our project we will be including the following functions that can help in performing specific operations on linked lists.

* Insert
* Delete
* Detect cycles and remove cycles
* Check whether two linked lists are connected or not
* Reversing
* Sorting
* Checking a key in a linked list
* Merging two sorted lists.

Our idea is to increase reusability and ease to do operations on linked lists by calling the functions enclosed in a Custom Header file. We can easily perform the operations on the linked list by just including the Custom Header file which is created.

**Guide Signature**