

PG-DAC

THIRUVANANTHAPURAM

Algorithms & Data Structures Mini Project -1

Assigned to Group 2.

To-Do List

Create a list of to do items. Each item in the list must have a description and its priority.

Main operations to be implemented

- a. **Add items to the list.**
 - i) While adding user can give inputs in any order, but inside the list it must be stored based on priority.

That means inside the list higher priority element should come in the first position. The next priority item should come in second position and so on.
- b. **Remove the highest priority item in the list**
- c. **Update an items description**
- d.
- e. **Display all the items in the list**

Use appropriate data structure to implement this project

Also find the time complexity of the operations.