



Department of Electrical & Computer Engineering

Data Structures

Instructor: Dr. Moslehi

Due Date:

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Doctors Unemployment!

Design a system by which the user can search the symptoms and then find the name of disease and its medication.

Diseases should be stored in a [Hash table](#). Use [B-tree](#) for separate chaining collision resolution strategy.

In even levels of B-trees, keys should be sorted increasingly. While, they should be sorted decreasingly in odd levels.

Minimum degree 't' of B-trees and Hash table array size should be defined parametric.

It is mandatory to use GUI.