

**Makerere University**  
**College of Computing and Information Sciences**  
**School of Computing and Informatics Technology**  
**Department of Computer Science**  
**CSC 2212 Individual Project II**  
**Assignment 2: Installing and Manipulating an Open source suite**

**1. The Problem**

Software reuse is becoming a common thing in software development. In fact, it is known that many of the functionalities made in softwares already exists else where. Mere transplanting and editing would make it easier. However, before one makes any changes or adaptations to the software, he/she must first know what it is about, how its constructed and the different modules are linked up. Likewise, the source code must be available (open) for the user to adjust and customize.

Drupal is an open source and non propitiatory content management system. It can be used to develop applications as simple as websites and as complex as human beings can extend their creativity. It has several modules which can be used to activate functionalities of the applications required. The user, may add a module or modify an existing module in drupal.

**2. Assignment**

- (a) Visit the drupal homepage ([www.drupal.org](http://www.drupal.org)), download, install and configure drupal in **YOUR** account on the CIT Server (system administrators will tell you the folder with apache). Briefly and Concisely describe the structure of the drupal suite. Focus should be put on the components and the existing functionalities in the suite (Use two pages of A4 paper. The details of the student should be input as a header) [Deadline - 9<sup>th</sup> April].
- (b) Make four minor changes in the drupal suite and explain them. Make one major change or use of drupal. A major change should be addition of a module in drupal. The role of a module should be explained and the modue should be accessible from the initial drupal interface. Use of drupal should be by developing a non website application. Document the minor changes, and major changes/use made (Use two pages of A4, Students details should be input as a footer – indicate the link and log in credentials on this file) [Deadline 21<sup>st</sup> May].