

# **Periodic Censors with Graphical Representation: Case Study- University of Embu**

**Hellen Thogori Kiburu**

**(B135/12119/2015)**

**Supervisor: Dr. Boaz Too**

## **Abstract**

The project Periodic Census with graphical representation is a software development project to make it easy for schools to calculate the population of students. This project is meant for implementation of census for the University of Embu which doesn't carry out census. Most institutions do not have clear information about the total number of students in school in terms of those accommodated in hostels versus those living outside school premises and worst still the number of drop-outs. All this information need to be in a system at regular interval of time. This will help the university to keep track of student and employee behavior. The main objective of this project is to gather information about the University in order to present a full and reliable picture of the institution in terms of demographic, social, and economic activities. It specially aims at collecting and disseminating basic statistics including name, gender, school, department, course, place of residence and such characteristics such as fee status and course registration and attendance. In this project, the structured analysis and design methodology has been adopted and explained. The high level model of the proposed system has also been designed and displayed in a format that is easily understandable to the user. This high level model of the system has also been designed architecturally with detailed design through its separate components. There are three modules in each, each taking care of a specific action say, registration of students and employees, management of users by administrator and representation of data.