

ONLINE SURVEY SYSTEM

A dissertation submitted to the
Computer Science and Technology Degree Program,
Uva Wellassa University
In partial fulfillment of the requirements for the award of the
Degree of Bachelor of Science

by

**RATHNAYAKE MUDIYANSELAGE LAKNADA DINESH
RATHNAYAKE**

Registration Number: UWU/CST/08/0038

**Computer Science and Technology Degree Program
Uva Wellassa University, Sri Lanka**

October 2013

Abstract

Census of population & housing is the major survey of any country in the world. Consider about the census of population & housing in Sri Lanka. It takes long period of time to collect information, analyze those information and issue results. And also it needs large number of people to conduct those processes. It is vesting time and money. Therefore there is a necessity to have an efficient method for census of population and housing in Sri Lanka.

Online system for census of population and housing is an effective solution for solve above problems. It reduces the time and money to conduct the survey. And also it reduces the number of people needs to conduct the survey. In addition people can easily visualize the results by vising the web site. This system capable of read information from images or pdf files using Optical Character Recognition. Save this information in MySQL database. Issue results in various ways using data stored in the database. Images and pdf files were uploaded to the server as single files or as a zip file. Another system was implemented to read information from upload files. Read information were saved to the text file. Then this information was processed and stored in the MySQL database. Then results were presented to the user in various ways using charts, graphs and tables. Finally full report about survey was presented to the people in pdf format. These tasks were designed with two main sections such as desktop application for read information and web application for show results. Used technology and method was implemented to get the successful outcome. As future work provide predictions about feature population distribution of the country is suggested.