MAKERERE UNIVERSITY
FACULTY OF COMPUTING AND INFORMATICS TECHNOLOGY
SCHOOL OF COMPUTING AND INFORMATICS TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
YEAR 2
BIT 2207 RESEARCH METHODOLOGY
Course Work: Assignment 3

NAME	REG NO	STD NO
OKOT EMMANUEL	16/U/10916/PS	216015844

ROAD TRAFFIC ACCIDENTS IN UGANDA

Prepared by: OKOT EMMANUEL

Lecturer: ERNEST MWEBAZE

7th January 2018

1 Abstract

There is a growing concern about the rising trend in mortality and morbidity from road traffic accidents in developing countries due to their effect on health care resources and budgets. Traffic accident injuries account for high medical care costs and loss of productivity.

2 Introduction

Road traffic accidents are one of the leading causes of injuries and death in both developed and developing countries, and for both women and men. Traffic accidents are predictated to become the second leading cause of death in developing countries by the year 2020 (New Scientist, 1996); a remarkable rise from the eleventh leading cause of death in 1990.

Modernization has been accompanied by an increase in the number of vehicles on the road and vehicle ownership. The relationship between vehicle ownership and accident fatalities has been of interest to researchers.

The document below describes the kind of data to be collected during research about road accidents. It also includes sample data that was collected during research.

3 Data Form

In this research, data and information was collected by observation from scenes and interviews from people present at the accident scenes. The following describe the data that was collected from the forms:

3.1 Location of Accident

This field enables one to input the name of the place where an accident has occurred.

3.2 Image of Accident

This field is to enable one to upload an image of the scene.

3.3 GPS Coordinates of the Place where the Accident Has Occurred

This field is to input the geographical location where the accident occurred.

3.4 Enter Time and Date the Accident Has Occurred

This field is to input the date when the accident occurred.

3.5 Car Model 1

This field is to enter the model of the car that caused the accident.

3.6 Car Model 2

This field is to enter the model of the car that fell a victim of the accident.

3.7 Sex of Driver that Caused the Accident

This field is to enter the sex of the driver that caused the accident.

3.8 Age of the Driver that Caused the Accident

This field is to enter the age of the driver that caused the accident.

3.9 Number of Passengers

This field is to enter the total number of passengers that were involved the accident.

3.10 Number of Casualties

This field is to enter the number of casualties in an accident.

3.11 Number of On-Spot Death Victims

This field is to enter the number of victims that have been involved in the accident and died on the scene.

4 Sample Form

Location of Accident
Masaka

Image of Accident

GPS Coordinates of the place where the accident has occurred
GPS Latitude: -0.3352
GPS Longitude: 31.7341
GPS Altitude: 1278
GPS Accuracy: 19

Enter time and date the accident has occurred
Sat Jun 24 00:00:00 UTC 2017

Car Model 1
Commuter Taxi

Car Model 2
Toyota Premio

Sex of Driver that Caused the Accident
Male

Age of the Driver that Caused the Accident
33

Number of passengers
20

Number of casualties
11

Number of on-spot death victims
9