

## Introduction

### 1.1 Background Information

Traffic accident is happened when a road vehicles collides with another vehicle , pedestrian (people walk on foot), animal , geographical obstacles or some technical problem in the parts of vehicles or due to the matter of driver which can result in death, injury, property damage.

Traffic accident is global problem that affect all sectors of society. According to the World Health Organization (WHO) approximately 1.3 million die each year due to the traffic accident. Between 20 and 50 million people suffer non-fatal injuries, with many incurring a disability as a result of their injury. It costs most countries 3% of their gross domestic product.

Traffic accident in Ethiopia is one of the worst accident records in the world. At least 13 people die in traffic accident. In regional level 85% of traffic accident is occur in Oromia, Amhara and SNNP region. Most of people died due to absence of report of an accident at the real time because they cannot get help.

Traffic accident reporting system is a system that enable employee of concerning body to report accident automatically and also every body who has the website of the minister of transport to which he or she report.

### 1.2 Motivation

The idea of developing this system is come to us because in our country as we try to explain above many people are died due to traffic accident. Therefore it is necessary to make real time report of accident to identify the location where accident happened to tell driver to be careful at that location because accident can be caused by geographical obstacles or number of pedestrian use the road or to report for concerning body that notify them to identify accident and send ambulance, policeman or other aid to rescue life of people who injured by accident and to reduce accident by making awareness of society by reporting daily accident. Another reason is that according to Constitution of Federal Republic Democratic Ethiopia article 51 the proclamation called proclamation No.799/2013 declare that insurance have to paid for third part risk by vehicle accordance with the relevant law but some people are not paid insurance for the accident happened to their property, death of their relative by traffic accident due to absence of report on time for concerning body or agent.

## references

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