1.The Introduction:

1.1 Background:

Once I was on my way back home from festive shopping when I witnessed a road accident. I was with my sister and it was around 6 o' clock in the evening. In the middle of the road, we saw a crowd surrounding something. We weren't quite sure what was happening as the first thought that came to our mind was that it was probably a quarrel between two men. However, when we reached the spot, we found out an accident had taken place.

Thus, road accidents are bound to happen. You pick up a newspaper and you will find at least one or two news about road accidents daily.

1.2 Problem:

Road accidents have become very common nowadays. As more and more people are buying automobiles, the incidences of road accidents are just increasing day by day. Furthermore, people have also become more careless now. Not many people follow the traffic rules. Especially in big cities, there are various modes of transports. Moreover the roads are becoming narrower and the cities have become more populated.

According to WHO (World Health Organization):

"Every year the lives of approximately 1.35 million people are cut short as a result of a road traffic crash. Between 20 and 50 million more people suffer non-fatal injuries, with many incurring a disability as a result of their injury.

Road traffic injuries cause considerable economic losses to individuals, their families, and to nations as a whole. These losses arise from the cost of treatment as well as lost productivity for those killed or disabled by their injuries, and for

family members who need to take time off work or school to care for the injured. Road traffic crashes cost most countries 3% of their gross domestic product.”

Now,It's clear that we are dealing with an important problem. So, This project aims to predict how severity of accidents can be reduced based on some factors.This project will be based on Settle city(a seaport city on the West Coast of the United States and The largest city in both the state of Washington and the Pacific Northwest region of North America) data.

1.3 Stakeholders:

The reduction of accidents severity can be be benefit to the authority of development in Seattle especially to improve their roads and transportation system and also for individuals to know the factors of accidents and how to prevent them as possible.