CHAPTER 1
INTRODUCTION

1.1 Background
The author would like to make weighbridge project with automated gates. This project is to prevent a vehicle that over maximum load of the road. This works automatically to avoid human error or human violating the regulation.

This project is a prototype of a weighbridges. This use plywood, ultrasonic sensors, motor servos, load cell sensor, and arduino mega for controlling all jobs.

1.2 Scope
Scope of this project are:

1. There are only three weight conditions.
2. Only manager can read weigh data from IoT.

1.3 Objective
The goal of this project is to monitor each vehicle in weighbridges and sending data to the IoT server.