***INTRODUCTION***

The system we are developing is a communication system for Metro Rail. Due to the poor communication between passengers and Metro Rail stuff and loss of signal on cloudy and rainy days. The train driver’s do not have clear signal to communicate with Metro Rail head offices or train commander therefore causing a slowing down of traffic. The communication between driver and passengers is also poor because during train breakdowns and cable theft the driver has to get out and move from one couches to the next informing the passengers what the problem is. So the system we will be building is going to solve all of these problem to the best of its ability.

***COMPANY BACKGROUND***

Metro Rail is South Africa biggest and preferred provider of passenger and commuter rail services. Owned by PRASA, PRASA is a state owned Enterprise (SOE) under the auspices of the Department of Transport. Metrorail primary mandate is accordance with the legal succession ACT to SATS Act (Act 9 of 1989) is to ensure that at the request of the National Department of transport or any sphere of government, rail commuter services are provided in the public interest and to promote rail as the primary mode of mass commuter transportation.

***CURRENT SYSTEM***

-GoMetro

-Metrorail Western Cape

-GoMetro Live

***DESCRIPTION OF METHOD FOLLOWED***

We went to the Metro Rail head office in Braamfortein. Spoken to the receptionist about our research project. Receptionist made a phone call to the head of the information technology department. We spoke to Mrs. Boitumelo Maletsane who said that we should email the confirmation letter from the varsity.