## Work Plan and Budget

First, we got a few meetings with our group members and project coordinator to finalize the project. Then, we finalized the project as Wireless Red Signal Alerting System for Trains using the NRF module.

Then, started to create a project proposal and submit to evaluation purposes.

Some researched papers are red and hope to study more regarding this project for implementation.

Our plan to find the hardware specifications to implement the model design. Although here I attached the basic budget for the project, we hope to find sensors and other hardware requirements free or low budget from the faculty, friends, and ourselves. The timeline also can vary according to the requirements of the project coordinator and the module coordinator.

### Budget plan

|  |  |
| --- | --- |
| **Component** | **Price (Rs.900)** |
| 8051 Microcontroller | 900 |
| Atmega Microcontroller | 900 |
| Encoder IC | 100 |
| Decoder IC | 100 |
| DC Motor | 680 |
| Motor Driver IC | 170 |
| Resistors | 50 |
| Capacitors | 50 |
| Transistors | 200 |
| Cables and Connectors | 100 |
| LED | 20 |
| Push Buttons | 60 |
| Switch | 120 |
| Diodes | 100 |
| **Total** | **3550** |

This is the proposal for the project that should be done under the module EE5305 Sensors and Transducers. This proposal is about the way that the project is to be implemented. In this project we are going to implement wireless red signal alerting for rail track crossings by using NRF24L01 Wifi Module.

This report summarizes the findings of our study on how to improve customer satisfaction at ABC Company. We conducted interviews with customers and employees and gathered feedback from surveys in order to identify areas for improvement. Our recommendations are based on our findings. We would like to thank everyone who contributed to this project, including our interviewees and survey respondents.