

Project Proposal Revision Workshop

Week 4 - Revision Summary

1. How can you improve your group's presentation?
 - We will focus on the time that we will be given, to finish it on time.
 - By expressing the information more accurately and relevantly than the previous presentation.
 - By avoiding reading the things on the slide as it is and expressing additional ideas to make the presentation more interesting
2. What are the changes/improvements you need to do in your project's design?
 - Make the prototype which includes only one junction.
 - We have to implement a simulation, which simulates some traffic situations and how our solution will respond to each.
 - Come up with a better algorithm for traffic controlling
 - We have to learn and analyze the existing method
 - Find out real data regarding various types of traffic situations
 - Since the Pneumatic tube counter won't be used in our prototype, we try to do a separate demo for that (to show how our solution will perform practically).
3. Make a list of things you need to learn about in order to complete your project:
 - We have to do some research on better protocols that will suit for our implementation.
 - The technologies that will be used in...
 - Communication with the main server.
 - Communication between RF modules both using ESP32 and Arduino microcontrollers.
 - Configuration of the server.
 - Design and implementation of web interface for data monitoring purposes.