**IMPLEMENTATION**

**FLOW OF THE ENTIRE PROJECT:**

1. **Capturing the Ethernet Frame.**
2. **Extracting IP Packet.**
3. **Defining the Various Protocols and extracting Information.**
4. **Study and generate signature for DDoS.**
5. **Study and generate signature for ARP Poisoning.**
6. **GUI Implementation (Windows Software)**

**Work done until Feb 2nd:**

* **Study related to various attacks and figuring out which to be implemented.**
* **Capturing the Ethernet Frame (Windows doesn’t allow raw packet so looking for library to capture that.)**
* **Extracting the IP Packet**

**Week – 2: (Starting Feb 2nd – Feb 9th)**

* **Implementing the Ethernet Frame for Windows.**
* **Defining Protocols in Programming (TCP, ICMP, UDP).**
* **Extracting Protocols.**
* **Understanding DDoS attacks.**

**Week – 3:**

**Week – 4:**

**Week – 5:**

**Week – 6:**

**Week – 7: Report Writing & Presentation, if any**

**Week – 8 (Mar 16th – Mar 23rd): Report Writing & Presentation, if any**