Meeting Minutes – 12/04/2024

Present:

* Edward Keith
* Chris Escandor
* Kat Milicevic

Absent:

* Sam Cathro
* William Bigley

Methodology – does not fit exactly into the actual project and its stages

Feedback was mainly about three things:

* Methodology – hypothetical requirements did not align with the actual project itself
  + Bobby wants to see a plan for how exactly we would -> can find research project methodology that might fit better
  + The requirements for the assignment for the proposal document can be secSDLC, and the methodology for actually doing the project can actually differ
    - For receiving a mark as AUT students -> secSDLC is correct
    - For going through with the project itself -> a research methodology is correct
  + secSDLC is a good methodology for security software development within huge corporations, not a team of 5 students
* The phases should be reversed -> implement network infrastructure first, then debug, plan, from there
  + If we do go with this route, we have to re-evaluate the cost estimate completely and it will not be accurate
* Nurul’s question -> he liked the idea of a small cell base station and a private cellular network and the problem, need, opportunity, and rationale are aligned, however, what are some more examples in which this can be used?
  + Brainstorming:
    - small communities that don’t have the funds for a contract with a large network provider
    - dead spots within urban areas
    - Huawei backdoor situation -> geopolitical lever where poor nations are taking deals on networking infrastructure for very low cost, which comes at the unexpected cost of China having a backdoor into these countries -> if there is an open-source solution using whitebox hardware, nobody will have to take these deals
      * Australia and America are defensively aligned -> Australian Armed Forces initiated the process of creating a Bachelor’s of Cybersecurity to address global defense concerns and gaps in the market
    - Disaster relief -> no need for a cold site, every backup site within the context of a Business Continuity Plan (BCP) can be a hot site with a strong network infrastructure if there is a low-cost option available
    - Include these real world applications in the project rationale as an addendum
    - Dissidents and whistleblowers who may benefit from running their own private cellular network