EGH400 Final Presentation Drafting

Army Presentations are on Tuesday 16th November.

Location: Gallipoli Barracks Enoggera, Lloyd St Entrance.

We will need to arrive at 11:30am

You will need photo identification i.e. a Driver’s license.

Length – 15 mins

1. Introduce the project topic to an audience with basic knowledge of engineering
2. Describe what process you undertook to solve the problem
3. Describe what milestones were achieved and how
4. Describe the Final solution
5. Evaluate how/whether this solution address the problem

Questions

* What is the project I’ve been working on?
  + General overview / recap of brief
* What does the app need to be capable of?
  + High level needs
    - Security
      * reason for custom solution over existing services
      * Refer to security Manal – encryption algorithm
      * Lit review
      * Other Security issues – Constraints on project
        + Ios kill codes
        + Web app – security issues

Java

Runs inside virtual machine

* + - Capability
* Recap of design decisions caused by needs
  + Java application
  + Aes for general encryption
  + RSA for key exchange
  + SHA with salt for one way data encryption
  + Capability choices will likely be a continually evolving/iterating process
* general architecture of the app
  + Further design Considerations
    - Needed to be continued and understood after I leave the project
      * agile development approach
      * Object-oriented programming
  + Server - user app – communication – how data flows
  + Server high level description – how data flows
  + User apps high level description – how data flows
* Describe what milestones were achieved and how
  + Go through each milestone / functionality implemented
* Overview/summary of app in its current state
* Future works
  + Deployment
  + UX testing
  + Scaling Finalisation of hardware infrastructure