**Final Debate**

**CS & SE 3162**

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**Topic**

Security Protocols – should a small company be able to provide a subpar security system for customer database access that meets project objectives?

**For**

a. Opinion – your opinion about the ethical decision (real or fictional)

I feel like this is an ethical decision because:

1. Other forms of communication and enterprise don’t enforce security policy
   1. Telecom
   2. Mail system
2. Allowing a subpar security system increases total number of active projects
   1. Any time we regulate a business the result is some loss of total projects because the underperformers cannot meet the regulations
   2. Introduce CHAOS report by Standish Group:
   3. [1] The CHAOS reports classifies projects into:
      1. success – the project was delivered on time, on budged and will all feature.
      2. challenged – the project was eventually delivered but either over budget, not on time or not fully completed
      3. failure – nothing was delivered
   4. [2] Standish Group reported 31.1% were outright cancelled
      1. Tighter security enforcement will inevitably put more projects into this category
3. Allowing a subpar security system allocates more time for development of core features
   1. Statistics for late software projects
   2. [2]Standish Group reported 52.7% of software projects are completed behind schedule in 2017
      1. Further requirements for security leave less time for core features, extending schedule significantly
4. Allowing a subpar security system saves businesses money because security systems are, for the most part, not revenue generating features
   1. They are preventative measure
   2. Shareholders and end users might not pay for them, since the direct result in unapparent

b. Trend – your opinion of the future trend of your chosen issue

It’s clear from the report data that I mentioned that stricter security protocols will cause these trends:

1. Increase in project cancelation
2. Increase in project lateness
3. Increase is project cost

c. Impact – show how your decision will affect the public (pro or con)

**Pro**

* The amount of developer jobs will increase as a result of lower security tolerances
* Everything relies on software these days, so more less security in these systems
  + Products will be built faster
  + Products and services will cost less to build

**Con**

* Risky
  + But so is stepping outside
  + It’s patronizing to tell everyone to stay inside because life is risky

**Against**

a. Opinion – your opinion about the ethical decision (real or fictional)

I feel like this is not an ethical decision because:

1. High standards of security keep snooping eyes out of your home and personal space
   1. protects privacy from “Big Brother”
2. Ensuring adequate levels of security promotes equality between technical competence levels
   1. Without acceptable security measures, data is available for the most experienced developer in your neighborhood
   2. Someone who is very skilled with a computer holds a lot of power of those who do not
3. Ensuring adequate levels of security across the board, on all projects, is the responsible thing to do in terms of safety of those involved
   1. Examples of software cutting corners

b. Trend – your opinion of the future trend of your chosen issue

It’s clear that

c. Impact – show how your decision will affect the public (pro or con)

Pro

Not allowing low levels of security provides the public with

* Privacy protection from government
* Equality between technical savvy malicious users and regular users
* A sense of ease that Engineers build Software “the right way”

Cons

* Higher Costs
  + We’ve all purchased shoddy products before
  + We know how dissatisfying cheap products can be
* Longer schedules
  + Complex projects inherited take longer, this is a logical tautology
  + We must pick out poison so to say, nothing worthwhile comes without a cost

**References**

[1] https://getlevelten.com “CHAOS Report”. [online] Available at: https://getlevelten.com/wiki/chaos-report [Accessed 27 Feb. 2019].

[2] https://speedandfunction.com “A LOOK AT 25 YEARS OF SOFTWARE PROJECTS. WHAT CAN WE LEARN?”. [online] Available at: https://speedandfunction.com/look-25-years-software-projects-can-learn/ [Accessed 27 Feb. 2019].