Proposed Plans for Lab Updates

Easy and Hard Decisions

The *Easiest* Labs

- **THRN projectors**
  - Fully replace all 3 in Summer 2024
- **THRN 3401**
  - Currently 28 *Windows 10* PC's
  - Propose to replace in Summer **2025** – **defer** this replacement
  - Also, maintain Windows servers for 1500, 2030

The Next *Easiest* Lab

- **THRN 2420**
  - Currently *40 iMacs* with 10 newer than the rest
  - **Propose to replace these with 20 Mac Mini's in Summer 2024**
  - Needed since the iMacs are aged and not too useful for the courses (mostly SE courses) that use this lab
  - Estimated cost: $35K - $40K
  - **Decisions**
    - Mac Mini's versus iMacs
    - Number of units

Harder (and more expensive) Decisions

- **REYN 002**
  - Currently 24-30 *thin clients*
  - There has been a request for 40 clients for CIS1300
    - Estimated cost: $15K
    - **Decisions**
      - 40 clients will take up all space in the lab leaving no space for teams working around tables, as well as limited space for students to use their laptops
      - 40 clients also means that either we are very strict about restricting labs to < 40 students and/or we have extra clients in storage in case of failures

Harder (and more expensive) Decisions

- **THRN 2418**
  - Currently 24 *thin clients*
  - Needs major renovation of room and computing infrastructure
  - This will involve major expenses and design
  - Decisions
    - Do we want to make this investment in space that is not too functional or desirable?
    - If new lab space might open up, do we want to wait for this and just maintain this lab as is until we have a clearer view?

Next Steps

Early in Winter 2024

- Commit to fully replacing all 3 THRN projectors in Summer 2024

- In THRN 2420, look at replacing current iMacs with 20 Mac Mini's (or some other solution) in Summer 2024

- Decide what to do about REYN 002 – Do we commit to a lab totally filled with thin clients or do we go with a hybrid solution of some thin clients and other space for teamwork and personal laptops?