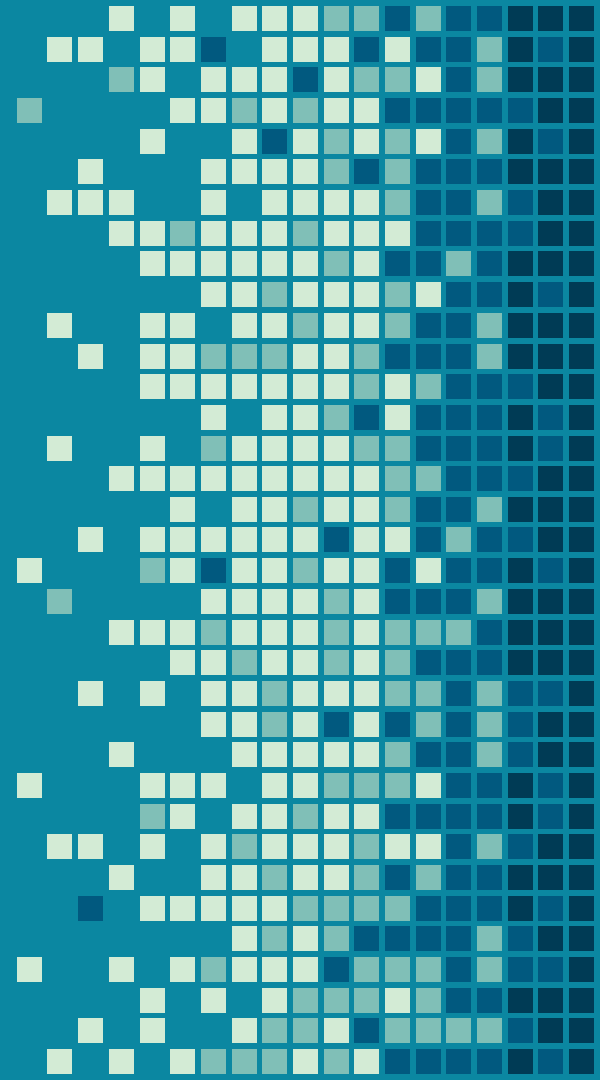


INTEGRATED DESIGN PROJECT

Milestone Overview

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Three Key Milestones

- Preliminary Design Review (PDR)
 - Tuesday – Afternoon Session
- Alpha Demo
 - Thursday – Morning Session
- Final Demo
 - Friday – Afternoon Session

PRELIMINARY DESIGN REVIEW

PDR – Deliverables

- Project Introduction & Motivation
- Product Requirements
- Roles & Responsibilities
- Hardware System Architecture Diagram(s)
- Software System Architecture Diagram(s)
- Project Management Plan
- Test/Demo Plans
- Issues/Risks

PDR – Logistics

- PDR with only instructor and TA
- 10 minute presentation on deliverables
- 5 minute discussion and Q&A

PDR – Goals

- Finalized all on-paper project deliverables
- Should include final on-paper design

ALPHA DEMO

Alpha Demo – Deliverables

- Project Introduction & Motivation
- Updates on any of the following:
 - Product Requirements
 - Roles & Responsibilities
 - Hardware System Architecture Diagram(s)
 - Software System Architecture Diagram(s)
 - Project Management Plan
 - Test/Demo Plans
 - Issues and Risks
- Demonstration (described on next slide)

Alpha Demo – Logistics

- Thursday – Morning Session
- Demo only with instructor and TA
- 5 minute overview of project and revisions to deliverables
- 10 minute demonstration
- 5 minute discussion and Q&A

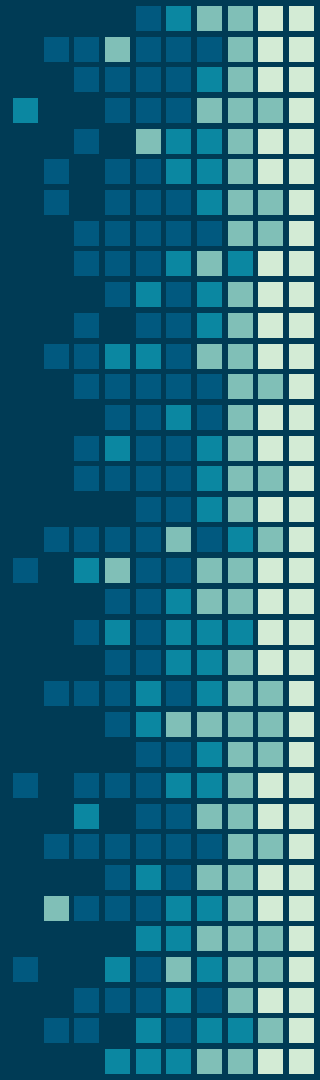
Alpha Demo – Goals

- Each individual subsystem functioning correctly.
- Good plan in place for integrating subsystems.
- Solid test plan progress.
- Evaluate stretch goals.

FINAL DEMO

Final Demo – Deliverables

- Project Introduction & Motivation
- Finalize Documentation
 - Product Requirements
 - Roles & Responsibilities
 - Hardware System Architecture Diagram(s)
 - Software System Architecture Diagram(s)
 - Project Management Plan
 - Test/Demo Plans
 - Lessons Learned
- Final Demonstration (described on next slide)



Final Demo – Logistics

- Friday – Afternoon Session
- Demonstration to entire class
- Brief project overview
- 5 minute demonstration
- Present Final Design Poster
- Final documentation turned into instructor

Final Demo Design Poster

- Project Introduction & Motivation
- Product Requirements
- Roles & Responsibilities
- Hardware System Architecture Diagram(s)
- Software System Architecture Diagram(s)
- Lessons Learned/Future Improvements

Final Demo – Goals

- All subsystems integrated and working correctly without bugs.
- 100% of Test Plan completed.
- Polished presentation and demonstration to class.

