



Milestone #3: System Design and Initial Demo



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Milestone #3: System Design (Oct. 20)

Objectives

- **Have a clear idea of ...**
 - WHAT you are building
 - HOW you are building it
 - What you aim to get done within the class vs. after
- **Get started working on the technical implementation**

Deliverables

- **Write-up**
 - Use Cases
 - Block Diagrams
 - User Interface mock-ups
- **Presentation**
 - Show most relevant use cases and block diagrams
 - Use concrete examples in your presentation
 - Mock ups are OK
 - Initial Demo of what you've gotten to work so far
 - Plan for Priorities / Initial vs. Future features



Answer These Questions ...

- **What are the components of the system?**
 - block diagram
- **How is it used?**
 - Use-cases
 - User interfaces
- **How does it work?**
 - What happens in different use cases
 - What data moves where?
 - What computation needs to happen?
- **Any potential difficulties?**
 - e.g., certain assumed functionality not being available
 - If so
 - set a date, and responsible person, for determining if it's a problem
 - have a contingency plan
- **Initial implementation results**
 - Progress report
 - Basic demo



Note ...

- **Consider input from your Needs / Context Assessment**
- **But ... if you don't have it yet, or things are not clear yet, then just go ahead with your system design**
- **This is not the same as ignoring needs/ context**
 - The intent is to draft something and feed it into the feedback loop
 - i.e., you can show your partners your demos
- **Bottom line: START TODAY! (Oct 8)**



Some Examples

- **Smart Money**
- **Smart PasaLoad**
- **Globe G-Cash**
- **Adverse Event reporting**
- **School Info Alerts**



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An Example from NextLab

- **IRD NFC projects**
- **(insert video here)s**



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