- Midterm Review is March 5 in Prairie Rose of MU
    - ~25 minutes of material, ~5 minutes for questions
    - Would IBM be interested in attending?
    - Time slots from 9-10, 10:30-12, 1-2:30, 3-4:30
        - Send in an email or in a note
    - Should do this before 2/18 if at all possible
    - Format is as follows:
        - Introduction (team, company, sponsor/mentor – one slide)
        - Company Overview (1 – 2 slides)
        - Include where your sponsor's team fits in the larger corporation (pictures are always nice)
        - Need/Problem/Opportunity (one slide)
        - Where appropriate, also describe long and short term needs
        - Solution (1 – 2 slides)
        - In addition to describing the solution make sure you define what value it has for the customer
        - Schedule (1 – 2 slides)
        - Show your schedule with an indication of where you currently stand
        - Progress/Status (This should be the bulk of the presentation)
        - This is what the sponsor came to hear! Give details.
        - If you have any results/demos they would be great to show here!!!!
        - Issues/Risks (1 slide)
        - Size/Effort Analysis (1 slide)
        - Reflection – first post mortem (1 slide)
        - Next Steps (1 – 2 slides)
        - What will be done over the remaining time – two more deliveries
        - Q & A
        - Leave time for questions (5 minutes)
- Design Document
- Catch up with Michael
    - What are achievable goals?
    - What should we focus on?
    - Should we schedule a different meeting time? Evenings?
        - He'll be out on Vacation the 26th and in Beijing on the 5th of March
        - Additional meeting the last week of February
        - Maybe one more on March 1st?
- Discuss Nygard's project?
- Anything outstanding from discussion boards on Google Groups?

- Requirements Specification Updates
    - Only a handful of the requirements are actually needed and achievable
    - Add what C, T, and NC mean
    - Object Storage

    - Add Documentation for the Admin for a committed change
        - Clear up high-level requirement to include admins
    - Add Glance
        - Add Provide some base images to be deployed
    - Requirement about images that we will create for use cases
        - Windows VMs
        - Hadoop
        - Fedora?
        - Talk about the specifics in low level requirements, documentation, how to deploy, etc

- Keep controller to 1 VM using standard HA if needed
- 3 compute nodes on physical hardware
- Come up with an outline of descriptions for use cases to evaluate different options
    - Take Ludwig's use case and map out the flow
        - How does data come from farmers?
        - How often?
        - Who does it go to?
        - Trace it from input to output
        - What is the workflow?
        - How can OpenStack be used to simplify different points
            - How is it read?
            - How is it accessed?
    - Deploying 20 VMs for Dr. Do
    - Windows VM's for Logan
    - How about class uses?
        - Provisioning machines
        - There could be the potential, but we're just not setup for that now
        - Linux class? CSci 277?
            - Let the know we have options with OpenStack to make this class easier to administer
    - Make these requirements clear
- How about the hardware for Nygard, Denton, and Do
    - Want to understand and likely prioritize their use cases

- No need to produce a script to automate deployment of OpenStack
    - Maybe have a script for some specific services
    - Make this a very low priority
- Chef or Puppet should be dropped down too
    - It's very specific use, so if there is a good use then we can use it, otherwise no need
- Low-Level Requirements Updated
    - 1104 - Don't have the hardware to run that at this point, would at least have a

qualifier that it needs enough hardware
    - 1105 - OpenStack does not support this today, we should probably drop this as there is no easy way to do this without changing core code
    - 1106 - Need to be able to update it using standard OpenStack mechanisms, nothing overly specialized
    - 1201 - Maybe this is more of an assumption
    - 1301 - Be more specific
        - Integrate with CS authentication system, connect to CS Active Directory for authentication
    - 1402 - Fix to 1Gb/s
    - 1701 - Break apart
        - Documentation to users
        - Documentation to administrators
    - 2601 and 20602 - Take out Block storage, Swift is only Object (I think?)

- By next meeting:
    - Come up with clearly defined use cases
        - Try to have this done in the next day or two, by the end of the day Thursday 2/14/2013
            - How the data flows
            - Simplified
        - Pull in Dean or Robert if needed to set up meetings
    - Detailed specifications of what hardware we have to work with
        - Come up with what professors might need to actually handle use cases
        - If they have grants we should try to get hardware purchased ASAP
    - Have a draft for next week of High Level