**Nursing Checklist Project:** A website built with Javascript/HTML and a database to track progress; the tools and language we decide to use are still open for discussion. However, the website solution will give everything the users need and offer more robust features at a minimal cost and less implementation.   
  
\*Note – Some of these below are speculative and more of a thought than a necessity, just tossing some ideas. Most of the ones I am referring to have questions marks.

**Features:**

* Accessible remotely (ie. Phone or Computer)
* Student Site (See Students UI below)
* Admin Site ((See Staff/Faculty UI below)
* Data tracking: ??
  + Graphs, curves, and such… not sure how serious they were about this but it was mentioned in our meeting.
* Data querying (mostly for Admin site but perhaps some basic querying for students)

**Students UI:**

* Sign up with username/password. Upon sign up they access all items in this section.
* Tabs with headings, navigate by pages instead of a big scroll through 100’s of tasks.
* Hard-coded tasks (we have the list).
  + Ability to add new tasks, but not delete.
* Hard-coded facilities for when students are doing clinicals (we need to get the list).
  + Ability to add new facilities, but not delete. (Students may change facilities at any moment in the semester. Not sure if that really matters for us.)
* Date field when students enter data with academic semester.
* Change status/complete task (drop down box with 1-4 as shown by our task list). Students mark completion of their tasks and don’t need admin approval.
* Show Completion Percentage or how many tasks they have completed, such as 65/140. (Not asked for but might be a nice touch for students and fairly simple to implement)
* Search for tasks?

**Staff/Faculty UI:**

* Query for student data (full page of clickable features? Drop downs, checkboxes, etc.)
  + Search by student semester (students do this checklist for 4 semesters)
  + Search by facility (to show which checklist items they did at a facility)
  + Search by currently enrolled or graduate students
* Delete students from roster? (What if they deleted the wrong student? Should this be an option? Maybe they can just be marked as inactive but save their data?)
* Delete tasks/facilities? (Again, what if they deleted the wrong task/facility)
* If searching by student, maybe show the task completion percentage/fraction as noted in “Students UI.”

**Web Connectivity:**

* Amazon Web Servers (1 year free trial then $8-10 per year after, maybe…)
  + Not set in stone, lets look at our options.
* Costs covered by Nursing Program

**Back-end:**

* MySQL? Not digging the idea of noSQL but let me hear your argument.
* Tables:
  + Students
    - Include date column since they want data separated by year/semester.
  + Facilities
  + Tags
  + Checks