Milestone 0 Instructions

The main deliverables to come out of the initial planning are a collection of artifacts regarding project requirements, planning, and design. These artifacts are collectively called *Milestone 0*.

For Milestone 0, you will submit the following artifacts:

1. a set of user stories (with glossary),
2. a sitemap for your web app,
3. user interface sketches,
4. a class diagram of your model, and
5. initial code skeleton.

The artifacts should satisfy the following grading criteria:

- **Tagged submission in GitHub.** To grade your code, I will clone your team's GitHub repo, and checkout a tagged version of your code. You must tag your code as "milestone0".

- **Artifact quality.** All your artifacts must be of high quality.

  - **User story quality.** Your USs must follow the templates/guidelines/principles described in lecture.

  - **Sitemap quality.** I don't care about the exact notation you use for this diagram. However, it should be easy to figure out what pages your site will have and how those pages will be interconnected.

  - **UI-sketch quality.** Your UI sketches should show the basic page elements (fields, buttons, etc.). They may or may not be styled (e.g., with colors/graphics). Such sketches are sometimes referred to as *wireframes*.

  - **Design quality.** Your designs should follow principles of good design, such as the SRP (Single Responsibility Principle) and DRY (Don't Repeat Yourself) principles.

  - **Class diagram quality.** Use proper class diagram notation (as given in lecture). Label all associations, and include all multiplicities. Include attribute types (e.g., "name : string").

  - **Consistent naming.** You must use consistent names for things across artifacts. That way, for example, we can tell where each UI sketch fits into the sitemap.

- **Diagram format.** Diagrams need not be anal-retentively typeset; they simply must be readable. Thus, you may hand-draw diagrams on paper/whiteboard, and scan them into a digital format (PDF preferred). Of course, if you really want to typeset them, that's OK too.

- **Diagram submission.** Keep the diagrams and USs with your web app code. Specifically, add a folder "misc" to the top level of your project, and place the file(s) in there.

Keep in mind that these artifacts will evolve as the project rolls along. Plan for such evolution.

Note that there is an A&B eligible role (Quality Assurance Czar) with special responsibilities regarding the milestone submission.