Phase 3 and Final Presentation

Due Date: Thursday March 26th, 2015 at 10:00 pm

The goals of this phase are to complete the work, and present (different aspects of) your finished project.

Deliverables

- Live presentation
- The following deliverables are to be submitted to your team repo:
    - Phase3/Product.md
    - Phase3/Process.md
    - Phase3/Architecture.md
    - Phase3/IndividualReports.md

Live presentation

To be presented in class on **Thursday (March 30th)**

Your presentation should include the following items:

- Presentation slides (~5 minutes)
    - Introduce the team

- ○ Introduce your product
- ○ Highlight the feature(s) that make your product unique
- ○ Run us through the way your software is built (Architecture)
  - ■ What are its main components?
  - ■ What are their responsibilities?
  - ■ How do they interact with one another?
  - ■ What technologies and tools did you use?
- ○ Mention interesting technical challenges you faced, and/or interesting software techniques that you used.
- ● Demo (~3 minutes)

  - ○ Show the key features in your demo
  - ○ Run through a simple use case
  - ○ **Note:** Having a video that presents your project (if you can prepare one) can be very effective for many reasons. Since it will be much easier for the TA and/or instructor to watch it later and as well you can present your work to others (e.g. recruiters) by just showing them the video. One good example, created by one team of my students was this video (https://www.youtube.com/watch?v=srcbXY3glGs). It was created by one student in the team in one day over the weekend and he used PowToon. **Creating a video is not required but highly recommended.**

Other instructions:

- ● Be prepared! Your team should take no longer than 1 minute to setup your

  presentation and demo

  - ○ You must prepare your own video output connectors
  - ○ Please test your demo and presentation slides in class beforehand. Make sure your demo fit in the resolution of the projector in class (especially for people who are using the Android emulator)
  - ○ Optional: prepare a backup laptop and video of your demo
  - ○ **NOTE: Your team will lose marks if your team is not prepared**
- ● The total time of the presentation (including questions) is **at most 10 minutes**.

  - ○ The time limit is strict.
  - ○ During your presentation, we might ask you a question or two. Make sure you leave some time for that.
  - ○ That is, you should be able to present all of the content in 8 minutes.

- It is up to you to decide which team member(s) get to present.

Phase3/Product.md

A short report telling us the highlights of your **product**.

- Max' 1000 words.
- The goals of this report are:
  - Inform potential users of the major product decisions you made:
    - Which features did you choose to focus on?
    - How do you expect a typical user to use your product? (i.e. run us through a quick scenario or two).
  - Give your TA and/or instructor some context, before they see your live presentation.

Phase3/Process.md

A reflection on the software development processes your team ended up using.

- Max' 500 words.
- Tell us about tools/techniques/conventions that worked well for your team. Explain why.
- Tell us about tools/techniques/conventions that didn't work well for your team. Explain why.
- If you had to continue working as a team, and design your process, what would your process look like?
- In other words, describe an ideal process **for your team**, based on your experience working together.

Phase3/Architecture.md

A report describing the architecture of your program.

- Max' 500 words.
- We want to know what are the major components of your system, and how they interact with one another.
- Feel free to use diagrams.
- Choose one or two of the most significant architecture decisions you've made, and tell us:
    - What was the reasoning behind these decisions?
    - Do you still think these were good decisions?

Phase3/IndividualReports.md

For this part, each member should write a very short report that answers the following items:

- What is your most significant individual contribution?
- Tell us about a new technical concept/issue that you learned while working on the project.
- What is your main strength(s) as a team member?
- What is your main weakness(es) as a team member? (i.e. Where do you think you can/should improve?)

Please keep it short - You should answer each item in 1-3 sentences.

Although these are individual reports, we ask you to submit all the reports in a single file to the team repo.

Please follow this template.

Marking Scheme

- Team Mark (80%)

    - Live presentation (20%)
    - Phase4/Product.md (20%)
    - Phase4/Process.md (20%)
    - Phase4/Architecture.md (20%)
- Individual Mark (20%)

    - Based on (the content and presentation of) your report in Phase4/IndividualReports.md.

Individual Reports

Name (GitHub username)

Here is an example of a fake report, just to give you an idea of the format we are expecting. We would like you to be concise yet informative.

- My most significant contribution was the design and implementation of Component X (links to relevant and interesting source-files/commits/issues).

- While working on our Android app (and then later in class), I learned about adapters (links to relevant and interesting source-files/commits/issues).

- I am always helping my teammates - I am the most experienced coder on the team, and I helped other teammates set up their development environment, and get up to speed with the tools we've used (give examples of specific tools).
- I could keep people more informed of what I am doing - I made a few large commits that conflicted with everybody else's code, and merging everything wasted a lot of our time.

Name (GitHub username)

TODO: Fill in the report

Name (GitHub username)

TODO: Fill in the report