

# Assignment 05

## General Information

We are now in the group phase of the course, which includes four presentations per team. By the end of the course, each team member should have presented once.

The upcoming presentations will have the following topics and dates:

- Implementation progress (12.06.2014, individual)
- Implementation progress (26.06.2014, individual)
- Final results (03.07.2014, open to the public)

Also, after the presentation phase, hand in a project package containing the code of your application (runnable!), the slides of your final presentation and a short article for the *mediainformatics blog* by 07.07.2014.

In general, please keep the following in mind:

- Bring your own notebook, accessories and tools you need for the presentation.
- One person per team is presenting.
- The presentation should last around 10 minutes.
- After each presentation, we'll have a short Q&A where you can ask specific questions related to your app.
- Try to reduce the text content on your slides.
- Show your results, not the process.

## **Technical Report and Mockup Workflows (due 30.05.2014)**

### **Technical Report**

Now it comes down to business: Prepare a document stating (and describing) the features you are definitely going to add. Detail how you plan to implement them and what external services you use to do so. Also note, what external libraries you plan to use to make your life a little bit easier.

In the end, also give an outlook on what features you already thought about, but decided not to add during the course of the semester.

In the end, the technical concept should at least cover:

1. Short description of your app
2. The feature set you are planning to cover (incl. descriptions)
3. External services and libraries to use
4. Additional nice to have features
5. Outlook on what could be added after the course

And if applicable:

1. Client/Server architecture you are planning to use
2. Data persistence/sharing strategy you want to use

### **Mockup Workflows**

Aside from the technical document, you should also think about how to best present your UI to the user. Create a document showing mockups of the screens the final app will include and how they relate to each other. Detail how the user interacts with the respective screens (methods, transitions).

Also think about how this might influence user behavior and question this approach by thinking about alternative ways for accomplishing the goal.

### **Submission**

Hand in the technical report (PDF) and the document detailing the mockup workflows (PDF) by 30.05.2014, 24:00 via email to [eumes@cip.ifi.lmu.de](mailto:eumes@cip.ifi.lmu.de).

### **Implementation Progress (due 12.06.2014 and 26.06.2014)**

Here you demonstrate the current implementation progress and use the opportunity to get feedback on different aspects of your application (including user interaction, interface design).

Also, present an API or framework you are using within your app. Describe the rationale for using it and detail the benefits for you. Show some code that illustrates the usage and compare it to other alternatives.

#### **Submission**

Hand in the implementation progress presentation (PDF) by 12.06.2014, 24:00h and 26.06.2014, 24:00h, respectively via email to [eumes@cip.ifi.lmu.de](mailto:eumes@cip.ifi.lmu.de).

### **Final Presentation (due 03.07.2014)**

For the final presentation, you are free to choose the format and the presenters from your group. Just keep in mind, that the presentation should include the following:

- **Concept** information about your app and the rationale behind it (This can be similar to your first presentation).
- **Demonstration** of your app (remember, this will be the most interesting part for the attendees). Feel free to include videos or role-playing elements.
- **Challenges** during the development and cool things that you discovered throughout the development and design stages.

For this presentation, other members of the mediainformatics chair are also invited. You are also able to invite additional guests (short info via email appreciated).

#### **Submission**

Hand in the final presentation (PDF) by 03.07.2014, 24:00h via email to [eumes@cip.ifi.lmu.de](mailto:eumes@cip.ifi.lmu.de).

## **Final Results (07.07.2014)**

### **Application code**

Prepare and aggregate your source code in a way that we can evaluate it. In particular, this includes a copy of your application project (build- and runnable) and all required subprojects (alternatively, give us access to your repository). If you require a back-end infrastructure for running the App, either include this also or keep it running until at least 20.07.2014.

If there are special instructions necessary, include this in a readme. The back end should be runnable with one startup script.

### **Blog post**

Write a blog post for our *mediainformatics blog* (plain text) with approx. 5 pictures that we can post online. Feel free to also include videos or a link to the App Store.

### **Submission**

Hand in the code of your app (zip or repository) and the blog post (*txt*) by 07.07.2015, 24:00h via email to [eumes@cip.ifi.lmu.de](mailto:eumes@cip.ifi.lmu.de).