

Mini-project in Programming for Interaction (Med2, 2019)

In order to be allowed to sit the written examination in PFI, students must first successfully carry out a group mini-project in which they apply what they have learnt from the lectures to the design and construction of an object-oriented software product. Each group must have **no more than 3 members**. Each group must submit the software product itself, together with a report on this mini-project. The report must be **from four to five A4 pages in length**. The software product and the report must be submitted **by 16.00 on Monday 29 April 2019**. Note that there will be **no extensions**.

The report should use UML to describe aspects of the design and development of the product. The product should be **written in Java or Android**. You should submit your project deliverables by emailing the report in PDF format together with a ZIP file containing your software product to dave@create.aau.dk. The report must provide the names of all group members. Please also include the names of the members of your group in the email. **You must NOT send documents or archives in any other formats!**

By 16.00 on Friday 29 March 2019, each group must submit a mini-project **proposal** in which they describe the problem that they intend to work on in their PFI mini-project. This proposal should be **no longer than 2 A4 pages**. This proposal should be sent by email to dave@create.aau.dk. The proposal must be in PDF format.

The problem you decide to work on must involve building an object-oriented software product in Java or Android. If you build an Android app, then it must use at least two Activities and at least one type of sensor. If the product is a Java program (but not an Android app), then it must include **at least one** of the following topics:

- Network programming
- GUI programming
- Multithreaded programming