Seminar

Teaching iOS

Summer Semester 2024 - Info Meeting

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Goals

- Participate as tutor in the introduction courses for the iPraktikum (large-scale practical course)

- Learn how to teach Swift and concepts of advanced Software Engineering to students with varying knowledge

- Deepen your knowledge in iOS development

- Have fun 🥳

The Intro Course

Course Schedule

- Course duration: **Apr 02 - Apr 09**

- Different kinds of **sessions**

    - ~ 20 sessions about Swift, Xcode, and iOS development

- We keep the Rechnerhalle open 8:30 am - 6:00 pm for students to complete their exercises

- Learn more about the course <u>here</u>!

Our Philosophy

"Tell me and I will forget.

Show me and I will remember.

Involve me and I will understand.

Step back and I will act."

(Chinese Proverb)

Style of the sessions

15-45 min hands-on presentation

- Students immediately exercise the learned concepts in small in-session exercises (instructor walks them through the code)

- A solution is provided

Introcourse Project (Homework)

- Students build their own app during the introcourse

- The students have to solve it on their own

- You assess the exercise solutions and give feedback to the students

What we expect during the course

- **You help run the intro course**

  - You attend all the sessions

  - You support the participants by answering their questions

  - You correct the project submissions of a group of "your" students

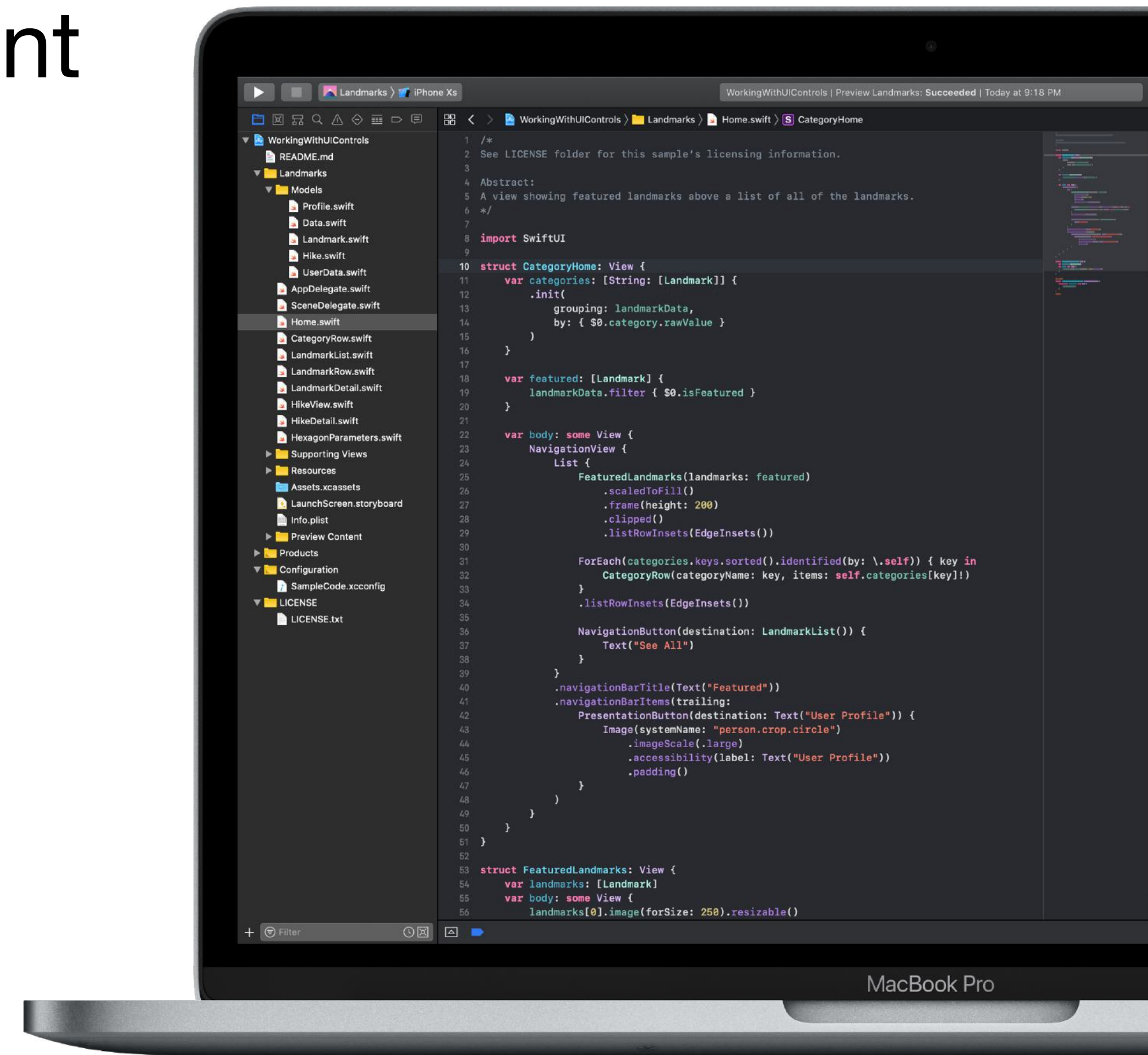 - You take turns being present during lab times (8:30am - 6:00pm)

What we expect during the course

- **You deliver different sessions**
  - You create presentation slides & exercises
  - You prepare yourself to present the topics in front of all students

Prerequisites

- You are familiar with the concept of object-oriented languages

- You have experience in iOS development

- You are highly motivated to take this course — no other obligations and flexibility during the full duration of the intro course (except repeat exams/obligatory university courses)

Milestones

FEB
28

- **February 28, 10:00 - 12:00*:** Kickoff

- **Weekly (from Kickoff until course start):** On-site Tutor Meetings

- **April 02:** Start of Intro Course

- **April 09**: End of Intro Course

* tentative

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Registration process

1 — Express your intention by filling out the form
Latest: Monday, Feb 05, End of day (Munich time)

Next Monday!

2 — We invite you to a personal interview latest on Tuesday, Feb 07
Interviews: Friday, Feb 09

3 — After we have accepted you, prioritize the Seminar "Teaching iOS" in the department's <u>matching system</u>
Latest: Wednesday, Feb 14

Questions?

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