



Mobile Computing Lab

Q&A

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Outline

- **On-demand individual coaching (Q&A)**
- 2021-06-02 – Progress review (Option 1 and 2)
- ...
- 2021-06-23 – Final demos will be **in-person (TECHN. INFORMATIK SÜD (IE01042))**

Where We Are?

Option 1: Activity Monitoring

■ Activity Monitoring + Transfer Learning

1. Activity Monitoring:
accelerometer + kNN (or other)
2. **Transfer Learning (WS4)**

■ Evaluation criteria:

- Performance and creativity

Demos: 28.04.2021

Progress Review: 02.06.2021

Final demos: 23.06.2021

Option 2: Free Choice

■ Your own project (requires approval)

1. Pitch your idea
2. **Implementation**

■ Evaluation criteria:

- Technical depth and creativity

Progress Review: 05.05.2021

Progress Review: 02.06.2021

Final demos: 23.06.2021

Options 1/2: Upcoming Progress Review

What type of questions to expect?

- Give a quick summary what your app does, no slides are required
- Be prepared to answer the following questions:
 - What is the state-of-the-art you are building upon?
 - *Survey methods that provide solutions to the same or a similar problem.*
 - What is your approach and why?
 - What are the data sets you rely on in your work? If none, how do you gather data?
 - Do you already have some first results? Gathered data / confusion matrix / etc.
 - What is the status of your app implementation?
 - If you work on your project in a team: How did you split the work?
- Hint: Start adding answers to these questions to your report

Options 1/2: Upcoming Progress Review

How much progress is enough progress?

■ Have the first results

■ Option 1

- *Generic model up and running? Could you improve the provided example?*
- *How does it compare to the kNN model on your gathered data?*

■ Option 2

- *The first version of your model ready?*

■ Make sure you know your next steps necessary to complete the project on time

■ Start writing your report

■ Options 1/2

- *Description of methods, app architecture and your first results*

Questions?