Global Team-Based
Innovation
Coaching Research

Introduction 17.10.2019
Course overview

● Lecturer
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● ECTS: 3 (graded)

● Modules
  ○ ITSE-Analyse
  ○ ITSE-Entwurf
  ○ ITSE-Konstruktion
  ○ ITSE-Maintenance
  ○ BPET-Konzepte und Methoden
  ○ BPET-Spezialisierung
  ○ BPET-Techniken und Werkzeuge
Course overview

● Prepare an input on a selected topic
  ○ Pick topic from list or discuss your own idea with us
  ○ Prepare an 30 minute long LGM presentation
  ○ Based on experiences and current research in the domain
  ○ Prepare a two page handout summarizing your topic
  ○ One individual meeting with TTeam during preparation at least a week before
    ■ Have an outline, content, slides, etc. ready

● Prepare and execute one coaching session
  ○ Provide a hands-on experience for your method or topic
  ○ Choose a suitable team (together with TTeam) to execute a 60 to 90 minutes long session the week after your LGM presentation
  ○ Choose between artificial learning experience or learning based on project progress
    ■ Split into an intro, exercise and review part
  ○ Reflect on what worked well, what did not? How could the session be improved in the future?
Deliverables

● LGM Input 30 minutes (English)
  ○ Provide rationale: Why is your topic relevant?
  ○ Present the method, best practices, research in the area
  ○ Include examples
  ○ Be visual

● 2-page handout (English)
  ○ Should allow reader to understand the method/topic you presented
  ○ Should provide entry points to deepen the knowledge in this area

● Coaching-Session review - Fill out Google Form
  ○ Retrospective view of your session
Coaching Session

● Prepare a hands-on exercise (for one team) for your topic

● Length should be 60 to 90 minutes including
  ○ Introduction
  ○ Exercise
  ○ Review
Technical Low/Medium Fidelity Prototyping

- Differentiate methods for low and medium fidelity prototyping
- What are the benefits of low and medium fidelity prototyping?
- What tools can be used for low and medium fidelity software prototypes?
- What tools can be used for low and medium fidelity hardware prototypes?
- When should we use low or medium fidelity prototypes?
Hypothesis Driven Testing

● What is the goal for testing in general?

● How does testing change over the course of the project?

● How do you evaluate your hypotheses? What is a good hypothesis?

● What methods & tools can support testing? (A/B testing, UI click-tracking)
How to share information in a global-distributed team?

- What are the challenges in global-distributed a team setting? (e.g., Cultural, Technical background, Time, ...) How do they affect information sharing?

- What are strategies to share information in a global-distributed team? What are benefits and drawbacks of them?

- Focus area: What do you have to consider in different cultures?
How to make decisions in a global-distributed team?

- What are the challenges in such a team setting? (Cultural, Technical background, Time …) How do they affect decision making?

- What are strategies/methods/tools that support decision making in distributed team? How do cultural barriers affect decision making and how can you effectively overcome them?
“Scientific” Writing for Documentations

- What are best practices in scientific writing?
- How do design documentations differ in their structure and form other documentations/scientific reports?
- How do you incorporate a scientific writing style into a design documentation?
- How do you include existing research results to strengthen your arguments?
How to present your project at the winter presentation?

- What makes winter presentation unique?
- Presentation skill --> Draw attention to your solution/project within a three minute time frame!
- How to do booth setup and booth experience to gather as much feedback as possible? (best practices?)
Bring your own topic

● Have an idea what else could be helpful for teams?

● Contact us and pitch your topic
  ○ Rough outline of what you would like to do?
  ○ Point out some research if available
  ○ How and when does it help the teams?
  ○ We can discuss a suitable LGM date with you
  ○ Deadline: 24.10.2019
Next steps

● Decide on topic and send us your decision by 29.10.2019
  ○ We propose a suitable date for the LGM input

● Schedule individual meeting with TTeam for review of your planned input, once you received your LGM date
  ○ At least one week prior to LGM presentation

● Schedule individual meeting with TTeam for review of your planned coaching session
  ○ One week prior to coaching session

● Contact us, in case you have questions