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 practises 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 practises?)

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