



Your Project Proposal

What is it you want to work on?

- Project title
- Brief description of what the project in general entails
- What research questions have you identified?
- What are the goals of your study?
 - What are you expecting to learn? Or Confirm? Or disprove?...

Formulating your research question...

- What is of interest to you with respect to your project?
 - Observational study
 - Survey
 - Interviews...



IDEA

- Is my study worth the trouble?
- Is it based on reality?
- Designing realistic security usability studies...

Study Design...

- What are the goals?
 - How many users (participants) can I recruit for the preliminary study?
 - Do I want to divide them into subsets?
 - How about role playing
- What are ethical considerations?
- How to recruit participants?
 - Think representative samples!
 - Demographics, whom to exclude and why?

Study Procedure...

- Creating scenarios
 - Study Infrastructure:
 - Fake phishing attacks
 - Warnings...
 - Site Forgery Attacks...
- Participant assignments to groups
- Environments ... lab, natural, etc
- Tasks, methods of conducting the study...

Study Procedure...

- Tasks, methods of conducting the study...
 - Example:
 - Longitudinal field study...
 - How??
 - Activity Logging
 - Mini Questionnaires
 - Situation Sampling
 - ...

How would you report results

- Qualitative and Quantitative
 - How will I analyse qualitative data?
 - How will I analyse quantitative data?
- Look at the literature....
 - Examples of how to proceed

Next week...

- User Consent Form
 - What are the risks involved in my study?
 - What should users be made aware of?
 - What private information should you not record?
 - How do you avoid risks to the users?