MOBIO Database Phase II Plans

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January 8-9, 2009
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Outline

- Purpose of Phase II

- Differences between Phase I and Phase II

  - **Impostor Attacks**

  - Outdoor capture conditions

- Summary

Difference between Phase I and Phase II

- The two main differences between Phase I and Phase II that I can see are:

  - Active impostor attacks

  - Collection of some of the data in outdoor conditions (was put as desireable somewhere but I can't remember where)

Impostor Attacks

- The plan was to perform active impostor attacks

    - By giving the **user** performing the attack prior information about the **client** which is being attacked

- But what information do they need to do this?

Impostor Attacks

- **Personal Information**

  - Repeating personal details such as: name, address and credit card number (obviously this will be the fake data)

  - Seeing and hearing a recording beforehand and trying to imitate it

    - This could be from random questions or from the pre-defined questions

Outdoor data collection

- Do we want to do this?

- Practical issues with doing this include:

  - This can only be done in Summer/Spring (sitting in -5 degrees for 15 minutes is not my idea of fun)

  - There will be high ambient noise (for instance from the student population or from gale force winds)

  - Currently the participants are seated, performing the outdoor collection means we'll probably need to shorten the data capture (this is an assumption and should be tested first)

Summary

- I've highlighted the basic goal for Phase II is to perform an impostor attack

    - But we need to decide how

- Also we should decide if we want outdoor capture conditions

- Finally, before we do this data capture we should learn the lessions from Phase I

Summary

- **So, where to from here?**

  - Satellite meeting in March (with the next MOBIO meeting)

    - To review the user feedback

    - To see what can be changed about the protocol

    - To discuss how we can do the impostor attacks

    - **End of February thoughts on how to do it**