P.U.R.E. Research Plan Form

Mentee Information
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Spring 2016 Research Plan

1.) Write a brief outline of your research plan:

   I want to utilize cryptography to solve the problem of data breaches in the online database systems. The research will be conducted in the following steps:
   1. Clarify the problem we are facing. Search for relevant literature
   2. Design a protocol.
   3. Search for application and implement our protocol
   4. Validate our implementation

2.) What do you hope to learn and achieve by the end of the semester?

   I would like to learn both about research process and about cryptography and security. In the research perspective, I want to learn go over through the process, see what kind of difficulties we may face, and how to deal with it. In the security perspective, I want to get a glimpse of what the cutting-edge research is doing.

Mentee Signature: 郑哲                    Date: Feb 16, 2016
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