

## INFORMED CONSENT FOR PARTICIPATION IN RESEARCH ACTIVITIES

### Whom to Contact about this study:

Principal Investigator: Prajit Kumar Das

Department: Computer Science and Electrical Engineering

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## Mobile Access Control Survey

### **I. INTRODUCTION/PURPOSE:**

I am being asked to participate in a research study. The purpose of this study is streamlining the process to determine mobile access control policies. I am being asked to volunteer because I am a regular everyday mobile user. The current research is studying the feasibility of the methodology invented by the investigators, to be used in capturing my privacy policy. My involvement in this study will begin when I agree to participate and will continue until August 2017.

### **II. PROCEDURES:**

As a participant in this study, I will be asked to carry out the following tasks:

1. I will install the MithrilAC app from the app's website @ <https://mithril.online>
2. I will setup the app by adding my work/home location, my working hours/do-not-disturb hours and if available, choose from a list of BluetoothIDs, who are my colleagues and supervisor. The information input by me in this app setup process, will never leave my phone and will remain private to me.
3. Over the next few months, the app will detect app launch events that are "violations" of the installed access control policy.
4. The app will collect data in an iterative fashion at the end of each week and will request my feedback on whether an app launch event at a particular time of day or location or in presence of colleagues and supervisors was an expected launch or an unexpected launch.
5. For an expected launch, I will be asked to state modifications required to the current default policy. The modification to the policy will either add, delete or modify policy conditions. The changes will reflect my perceived notion of policy conditions, under which the launch behavior will be allowed in the future. I can modify policy conditions by generalizing or specializing the conditions, as available in the app.
6. I will be asked to submit my feedback through the app by explicitly clicking on the upload button. The only information that the upload contains are logs of my feedback response and no other information that may be used to identify me will be uploaded. My participation in this study will last for seven months and I will be asked to give feedback at the end of each week through the app.
7. A policy in this study has the following structure:
  - i. *<Do/don't> launch an <app/category of apps> at a <location/timeOfDay/inPresenceOfSomeone>*
  - ii. e.g. Don't launch Facebook at work or school.The modification to such a policy could be "Do launch at school during lunch hours".
8. The information uploaded by the app will be "Violation1: about Facebook was not a violation" and "Policy1" has now been modified to "Allow Facebook at work or school during lunch hours".

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9. Since the information uploaded about my modifications are generic like “work”, “lunch hours” and not my work address, none of the information uploaded by the app will be personally identifiable information.

I will not be required to come to a location as part of this study. The surveys conducted in this study are anonymous and will not contain information that may personally identify me.

### **III. RISKS AND BENEFITS:**

My participation in this study does not involve any significant risks and I have been informed that my participation in this research will not benefit me personally. There is no way for us to find out who you are, and your data will not be shared with any other parties under any circumstance.

### **IV. CONTACTS AND QUESTIONS:**

The principal investigator(s), Prajit Kumar Das has offered to and has answered any and all questions regarding my participation in this research study. If I have any further questions, I can contact Prajit Kumar Das at (410-4552668, [prajit1@umbc.edu](mailto:prajit1@umbc.edu)).

If I have any questions about my rights as a participant in this research study, contact the Office of Research Protections and Compliance at (410) 455-2737 or [compliance@umbc.edu](mailto:compliance@umbc.edu).

### **V. VOLUNTARY PARTICIPATION**

I have been informed that my participation in this research study is voluntary. I may skip any questions that I do not want to answer. If I decide to take part, I am free to withdraw at any time. If I withdraw no more information will be collected from me. The above-named investigator has answered my questions and I agree to be a research participant in this study.

***I will be given a copy of this consent form to keep.***

(consent document for anonymous surveys) – 10/12/2015