***[***The Effect of Software Security-Oriented Output on End-User Experiences***]***

You are being asked to rate the output of a software security analysis tool and complete a survey for a research study about *the effectiveness of software security-oriented output*. You were selected as a possible participant because of *your background in computer science and knowledge about software uses such as smartphone apps*. The purpose of this research is to *evaluate whether the output from our developed software security analysis tool can assist end users in understanding security risks of the software in use*.

**Procedures**

You will be asked to complete the following study:

1. You will be shown with a reference sentence copied from app descriptions of Android apps, and a synthesized sentence generated by our developed tool. You will be asked to rate the generated sentence in terms of three aspects, i.e., semantic closeness, syntactical correctness, and length appropriateness.  Here, semantic closeness means whether the generated sentence has the same semantic meaning with the reference sentence; syntactical correctness means whether the generated sentence is grammatically correct and reads smoothly; length appropriateness means whether the generated sentence is concise and has a suitable length comparing with the reference sentence. For each of the three aspects, the students are asked to rate from 1-5 indicating Very Bad, Bad, So-so, Good, and Very Good, respectively.

**Risks**

There are no known risks, harms or discomforts associated with this study beyond those encountered in normal daily life. Some of the questions might make you feel uncomfortable. You may refuse to answer any of the questions or stop your participation in this study at any time.

**Benefits**

You will not directly benefit from participation in this study. The results of the study will provide a greater understanding of how software security-oriented output will improve end users’ assessment of security risks.

**Voluntary Nature**

Your participation is voluntary. If you choose not to participate, it will not affect your current or future relations with the University. There is no penalty or loss of benefits for not participating or for discontinuing your participation. You are free to withdraw from this study at any time.

**Costs and Compensation**

As compensation for your participation, you will be given the opportunity to enter a drawing for Amazon gift cards.

**Confidentiality**

Data from this study is being collected anonymously. However, any time information is collected, there is a potential risk for loss of confidentiality. Every effort will be made to keep your information confidential; however, this cannot be guaranteed. Research data will be maintained in a secure location at XXX, XXX. Only authorized individuals will have access to it.

**Contact Information**

The researchers conducting this study include ***XXX*** and ***XXX***. If you have any additional questions, concerns or complaints about the study, you may contact them at ***xxx*** or ***xxx***.

If the researchers cannot be reached, or if you would like to talk to someone other than the researcher(s) about: (1) questions, concerns or complaints regarding this study, (2) research participant rights, (3) research-related injuries, or (4) other human subjects’ issues, please contact XXX at xxx or xxx.

By clicking continue, you are indicating you consent to participation. Please print out a copy of this consent for your records.