Rochester Institute of Technology

**PLASMA: Practical LAbs in Security for Mobile Applications**

**Data Management Plan**

This plan presents the following:

1. An explanation of the data and artifacts generated through this project including assessment data, software, publications and other materials.
2. The plan for managing and disseminating the project-generated data and artifacts.
3. Data Generated by the Project

As outlined in our assessment and evaluation plan, we will also collect data to assess the

effectiveness of our modules such as those used to assess the educational quality, student interest, and module learning outcomes.

Some of this data will be collected as pre/post assessments, survey responses, or other feedback. We will develop the evaluation instruments, and retain a repository of the collected data in anonymized form.

We have initiated conversations with RIT’s Institutional Review Board (IRB) regarding research using human subjects. We will adhere to all IRB guidelines regarding participant notification and consent, and the confidential collecting and handling of all data.

1. Plan for Managing Data

The plan for data management has two parts: the management and the dissemination.

**Management:**

Student records are strictly confidential, protected under the federal Family Educational Rights and Privacy Act of 1974 (FERPA). To protect all students’ privacy, we will share the student learning data in summary form only so that we can monitor the level of dissemination for any required reporting. Similarly, we will protect the feedback from instructors and use the anonymized responses only for continuous improvement efforts. We will share the results of the surveys, and will also share the assessment instruments we develop. Survey instruments may be made available through our website.

Confidential data, including individual survey responses and grade data, will not be released to outside parties. This data will be retained throughout the life of the project in anonymized form and used to generate annual reports and the final report to NSF. Once the project has ended, this data will be retained for one year, then purged.

**Dissemination:**

Summarized student and faculty feedback for evaluating the program that is not considered confidential or protected in nature may be used for reporting purposes.

Related papers and/or conference presentations submitted by the PIs will be made publicly available if allowed by the accepting institution or organization. If the institution or organization accepting the paper or presentation assumes the copyright, we will post a full citation so interested parties can locate the published document.

Standard reports for the NSF will be generated and electronically submitted through normal channels. In addition, we may use summary reports for pedagogical purposes so that other approved institutions may see our results and lessons learned. Annual and final reports will evaluate our adherence to this Data Management Plan.