Data Management Plan

**Types of Data**

The main data generated in the project will include accelerometer and gyroscope data collected when users move their body following external music beats and the long-term authentication records from Google Glass and Moto 360 smart watch.

**Types of Software**

This project will result in the following software artifacts:

* Body-movement based authentication software
* Robust classification algorithm
* Runtime optimization algorithm

Additional software will include scripts for analyzing the resultant data.

**Policies for Access and Sharing**

During the course of the project, the data is handled only at a secured server, which can be accessed only with encrypted connections (such as SSH and TLS). Local copies can be checked out case by case basis, and investigators will be required to delete the local copy as soon as the required analysis or computation has been completed. At the end of the project, all data will be available to the research community via the TO system.

**Policies and Provisions for Reuse and Redistribution**

Data sets will be made publicly available, with requests to include links to our web pages and citations to our papers.

Work products (e.g. presentation materials and technical reports) will be made publicly available and searchable through the project web site.

The data will be gradually made available for the research community and public in anonymous format.

**Plans for Archiving and Preservation of Access**

Our data is backed up daily on separate servers within Rutgers University. We will also archive and store data offsite quarterly in an encrypted format.

All research work products will be archived, with preservation of access, according to standard Rutgers University practices and policies. Rutgers University Libraries Community Repository (RUCORE) is used for permanent preservation of publications and Rutgers University Research Data Repository will be used to distribute data with a permanent publicly accessible URL.

**Software Sharing Plan**

Software will be gradually made available for the public in open source format, and will be thus readily accessible free for scientist and researcher and the general public.

We will be disseminating the source code with the MIT open source license, which allows dissemination and commercialization of enhanced or customized versions of the software, and incorporation of the software and portions of it to other software packages. The software will also be transferrable and can be modified also by other researchers and shared with other colleagues. We will use de facto standard methods for distributing stable and unstable versions of the source code, and for maintaining versions (e.g. GitHub or SourceForge).