Product Owner Objectives/ Product Backlog

**User stories/Product Backlog**

As a gov. employee I need access to archived weather records (login, database, gui database interaction, database query)

As a gov. employee I need to be able to view the latest record at a chosen weather station (random number generator in java, gui refreshes with new record)

As a weather station admin I need higher level security permissions when accessing the database (different GUI layout, secure log in, different entities in database, different permissions)

As a weather station admin I need to be able to test a weather station’s instruments to ensure that it is working properly (random number generator in java, error handling messages in java

As a weather station admin I need to have access to a maintenance log that contains information on abnormal data so that I can determine the weather station’s operational status. (GUI filter options only usable by admin, working login

As a gov. employee I need an intuitive GUI to interact with because I am not a programmer (simple streamlined GUI design with clear options and filters)

**Sprint Backlog**

1. Get database created with some indexes already created (records) L

3. Get a random number generator that can interact with the weather station class M

1. Create GUI (including MVC classes) that can at least reference the database’s pre existing data XL

4. Create profile class that contains methods that get/set: login name and password then hash password L

5. Bring everything together and make sure GUI has functions such as: generate weather report, get existing weather report, test weather station(admin privilege) M