

## TESTING PLAN DOCUMENT

- Our testing plan is as follows:
  - Test that all default constructors
    - **exist and are null.**
  - Test that all parameterized constructors
    - **are not null and**
    - **contain the intended data.**
  - Test all getters and setters so that
    - **they do not return null and**
    - **that they do return the expected data.**
  - Test all unique methods for each class and ensure that,
    - **if they return something: they do not return null;** and
    - if they **change something**,
      - that the **change is not null**, and that the
      - **change is different from the object before the change was executed**
- We will work to develop a test suite in jUnit which tests all classes and objects to ensure that they run as expected with the characteristics mentioned above in bold.
- As the program continues to grow, we will adjust our testing plans to work with new test cases which come along with new methods and expanded classes.
- Because we will be using interfaces such as: GUI, website, and database, we will add testing to ensure that all the different interfaces can connect with each other and share the expected data accurately.