Software Testing Specification: Tinder Clone

Instructions:

1. Ensure the following text files are in the root directory: user_db.txt, profile_db.txt, match_db.txt, location_db.txt
2. Run the TestRunner class to cycle through test cases for all modules.
3. Observe results – any failures will be noted in the output with relevant details.

DataStore Module: Test Classes

1. **DataEntry**
   1.1 TestGetByField
   1.2 TestSetByField

2. **DataHost**
   2.1 TestListen

3. **DataManager**
   3.1 TestLogin

4. **DataStore**
   4.1 TestSetPath
   4.2 TestGetPath
   4.3 TestSetDataEntry
   4.4 TestGetDataEntry

5. **DataValue**
   5.1 TestGetName
   5.2 TestSetName
   5.3 TestGetValue
   5.4 TestSetValue

Match Module: Test Classes

6. **Profile**
   6.1 TestGetAttribute
   6.2 TestEditAttribute

7. **Filter**
   7.1 TestEditFilterSetting
   7.2 TestFilterProfiles

8. **Location**
   8.1 TestGetDistance

9. **Match**
   9.1 TestGetProfile

10. **MatchList**
    10.1   TestAddMatch
    10.2   TestGetNextMatch
    10.3   TestGetMatch

11. **MatchSystem**
    11.1   TestGetMatchHistory

Login Module: Test Classes

12. **Picture**
    12.1   TestGetPath
    12.2   TestSetPath

13. **ProfileList**
    13.1   TestAddProfile
    13.2   TestGetNextProfile
    13.3   TestGetProfile

14. **Attribute**
    14.1   TestGetUserValue
    14.2   TestGetPrefValue

15. **Authentication**
    15.1   TestLogin
    15.2   TestLogout
    15.3   TestRegister

16. **Login**
    16.1   TestIsActive
    16.2   TestLogin
    16.3   TestLogout

17. **Register**
    17.1   TestRegister

18. User