

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. DataEntryList

- 2.1 TestAddEntry
- 2.2 TestGetNextEntry
- 2.3 TestCurrentEntry

3. DataHost

- 3.1 TestListen
- 3.2 TestSend

4. DataManager

- 4.1 TestLogin
- 4.2 TestRegister
- 4.3 TestGetProfile
- 4.4 TestGetMatches
- 4.5 TestGetNearbyMatches
- 4.6 TestGetDistance

5. DataRequest

- 5.1 TestSend
- 5.2 TestAddValue

6. DataStore

- 6.1 TestSetPath
- 6.2 TestGetPath
- 6.3 TestSetDataEntry
- 6.4 TestGetDataEntry

7. DataValue

- 7.1 TestGetName
- 7.2 TestSetName
- 7.3 TestGetValue
- 7.4 TestSetValue

Match Module: Test Classes

8. Profile

- 8.1 TestGetAttribute
- 8.2 TestEditAttribute

9. Filter

- 9.1 TestEditFilterSetting
- 9.2 TestFilterProfiles

10. Location

- 10.1 TestGetDistance

11. Match

- 11.1 TestGetProfile

12. MatchList

- 12.1 TestAddMatch
- 12.2 TestGetNextMatch
- 12.3 TestGetMatch

13. MatchSystem

- 13.1 TestGetMatchHistory
- 13.2 TestGetMutualMatches
- 13.3 TestCreateMatch
- 13.4 TestGetMatches

Login Module: Test Classes

14. Picture

- 14.1 TestGetPath
- 14.2 TestSetPath

15. ProfileList

- 15.1 TestAddProfile
- 15.2 TestGetNextProfile
- 15.3 TestGetProfile

16. Attribute

- 16.1 TestGetUserValue
- 16.2 TestGetPrefValue

17. Authentication

- 17.1 TestLogin
- 17.2 TestLogout
- 17.3 TestRegister

18. Login

- 18.1 TestIsActive
- 18.2 TestLogin
- 18.3 TestLogout

19. Register

- 19.1 TestRegister

20. User

- 20.1 TestGetProfile