1. This test plan should be Testing Type Specific Test Plans, that mean this test plan for major types of testing like conformance testing(aka correctness or functional testing.)
2. In this test ,we will test 4 parts: A)For insert new entry, we will test Database, Adding tv show

,Adding streaming service, Adding report and Add network; B)For Select entry, we will test Database, View accounts, View reports, Select TV Shows and Login; C)For Edit entry, we will test

Database, Edit tv shows and Edit services; D) For Statistics, we will test Database and View statistics.

The relationship between the test plan and other related documents like test specification, test reports: they are related and influence each others. Test plan just summary who is doing ,what are they doing and when are they doing; Test specification including the preconditions ,input and expected results, it describes more steps to how to do test; Test report which record and track errors and let programmer and user know what errors and why has errors. Test plan is menu, test specification is process, test report is result. So they have to follow the order. First design the test plan, then follow the test specification’s steps to do, finally write down the error report which is test report.

3.) Add new tv show, add new streaming service, add new network, add report, edit tv shows, edit networks, view reports, view accounts, view statistics, view tv shows

4.) JUnit with code coverage of at least 60%

5.) Test specification, test report

6.)

Adding

1. Add tv show

2. Add streaming service

3. Add network

4. Add report

Pulling

1. View accounts

2. View statistics

3. View tv shows

4. Login

Updating

1. Edit tv shows

2. Edit streaming services

Adding requires that the necessary tables in the database have been created according to the requirements, so that inserting values succeeds.

Updating requires that tv shows and/or streaming services have been inputted into the database.

Viewing statistics requires that users have logged their favorite tv shows and/or selected streaming services that they are subscribed to.

7)schedule

|  |  |  |  |
| --- | --- | --- | --- |
| Tasks | start\_time | end\_time | major milestones |
| Adding  (tv show  ;streaming\_service  ;Add network  ;Add report) | 4/14/2018 | 4/20/2018 | insert values related to table which be successful. |
| Pulling  (View accounts  ;View statistics  ;View tv shows  ;Login) | 4/21/2018 | 4/27/2018 | User can log in and subscribe to TV shows. |
| Updating  (Edit tv shows  ;Edit streaming services) | 4/14/2018 | 4/20/2018 | update values related to table which be successful. |

8)Required Resources

Joel and Jacob will use the JUIT to test these tasks.