**Test Plan**

Revision 1.1

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### **Revision History**

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| **Revision Number** | **Date** | **Description** | **Name** |
| 1.0 | 4/15/20 | Initial document created. | Zeeshan Abbasi |
| 1.1 | 4/18/20 | Added Test cases and finalized the document | Zeeshan Abbasi |
| 1.2 | 5/6/20 | Test cases are updated by adding actual results. | Zeeshan Abbasi |
| 1.3 | 5/6/20 | Test cases are revised | Zeeshan Abbasi |

# **Test Plan**

Test cases for the OLIP web based application. Test case corresponds to an event trace diagram and functional requirements are given below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected Result** | **Actual Result** | **Pass/ Fail** |
| 1 | 3,4,5,6,7 | This test case shows that testing capability of our system to get details and information regarding policies that are placed in the database. If this is successful, we know that our mechanism for grabbing details/information is working. | System will reach to database and get information and show it to user on screen. | Actual result shows exactly same result as expected, system grabs information from database and show it to user. | Pass |
| 2 | 1,2 | This test case shows that proper functionalities are performed by entering user name and password. | By authenticating username and password from database of system, user are logged in (if they are registered) and if something went wrong, “try again” and “forget password” option will be displayed. | Actual result shows exactly same result as expected | Pass |
| 3 | 1,2 | In this test scenario we check that main page is loaded perfectly when user open the website. It make sure that everything is working fine. User see’s proper menu displayed on front page. | Correct html page should be loaded by server and show proper display of the page. Which includes main menu and button etc. | Main menu page is loaded completely fine, header shows buttons (contact us, about us, login/signup etc.) | Pass |
| 4 | 1,2,3 | This test case shows that proper commands are sending to database using system server. | By user login valid command is created to database through system, which let user enter the portal and do further process. | User can view his profile, update profile, and can view payment history as well. | Pass |
| 5 | 1,2,8 | In this test case, if the system is logged in and user didn’t used it for longer period. Then automatically user will be logged out. | Page will automatically ask for login again, when system will be kept idle. | System didn’t performed any action regarding the expected scenario | Fail |
| 6 | 2,7 | In this test case user can check his payment history. | Database extract the payment history and show it to user. | User can go on history button and can view his past payment history | Pass |
| 7 | 2,5 | In this test case user can view due date for his premium payment. | User can see his payment due date and also a reminder will be send on email id for payment due date in order user missed his payment. | Reminder didn’t send automatically, admin have to email it manually, which is not according to expected scenario. | Fail |
| 8 | 2,3 | In this test case, user profile updating will be checked, by entering certain requirements. | All the data user added will be saved in database and if database is working properly all the data will be updated otherwise it will show some error that “database is not connected”. | Actual result shows exactly same result as expected | Pass |
| 9 | 8 | In this test case, if some error happens and database do not respond to user. | The database will not respond to system and the user will get error that displays “database is not working properly please try again” | Due to some reason or internet connection database is not connected then error will happen. | Pass |