**Architectural overview:**

Org Details:

The New Org with Domain name as Assignment-Test is created Credentials are - user name :  [admin@meraki-test.org](https://assignment-test-dev-ed-dev-ed.my.salesforce.com/00546000000ZFmV?noredirect=1&isUserEntityOverride=1)

1. , password: welcome1 (It might ask for verification code at time of logging in I can send that)

Test Data:

Some users are created.

Metadata :

## Object:

## New Object Click Record with lookup relation to user object

**Visualforce Page:**

UserClickRecord – This page has custom button “Click Me”, which is when clicked

will record the timestamp.

**Apex Classes:**

UserClickRecordsController – This is the controller for UserClickRecord page.

UserTriggerHelper – This is helper class for after update trigger. It has future method which is fired when a user is deactivated. Future method is chosen because if we try to do DML on setup and non-setup objects together in same transaction the we will get mixed DML error. Here User is updated which is setup object and in same transaction we are trying to delete records from custom object ‘Click Record’.

UserClickRecordTests – This is the test class for above classes. The RunAs user is used while inserting test user and test records for ‘Click Record’ object to overcome the mixed DML error.

**VisualForce Tab:**

User Clicks – This is the custom visualforce tab to access the new

UserClickRecord page. Currently access is given to all profiles but can be

restricted when needed.