**Introduction:**

This document explains how to install CCDA Scorecard application in local laptops/desktops.

**Pre-requisites:** Below are list of pre requisites for CCDA Score card application installation.

1. Apache Tomcat Server (>= 7 version)
2. Reference Validator application should be running in localhost at port 8080. Please follow below mentioned instructions to deploy reference validator application.
   1. Download reference validator dependencies (var.zip) by using <https://github.com/siteadmin/Scorecard-Local-Instantiation/blob/master/Version3/var.zip> .
   2. Extract var.zip and copy the content to root folder in linux machines or C: for windows machines. (Make sure the extracted folder structure is in the format /var/opt/sitenv..
   3. Download referencevalidator.war file from <https://github.com/siteadmin/Scorecard-Local-Instantiation/blob/master/Version3/referenceccdaservice.war>
   4. Copy referencevalidator.war file tomcat webapps folder.
   5. Start tomcat server. (Make sure tomcat is running on port 8080).
   6. If tomcat throws any out of memory issues, please follow this link to increase the memory <http://www.mkyong.com/tomcat/tomcat-javalangoutofmemoryerror-permgen-space/> .

***Reference Validator Links:***

* <https://prodccda.sitenv.org/referenceccdaservice/swagger-ui.html#/reference-ccda-validation-controller>
* <https://drive.google.com/file/d/0B145vNcOrkfHeDdtbG05WjZxcjA/view>

Below are the steps to install Score Card application using war file:

**Step 1:** Download .war file by using <https://github.com/siteadmin/Scorecard-Local-Instantiation/blob/master/Version3/scorecard.war> location.

**Step 2**: Download scorecard.config file by using <https://github.com/siteadmin/Scorecard-Local-Instantiation/blob/master/Version3/scorecard.config> URL and copy the same to /var/opt/scorecard folder.

**Step 3**: Update scorecard.config file by passing referencevalidator application server URL under referenceValidator.url property. Default value is <http://localhost:8080>.

**Step 4:** Copy the war file to Apache tomcat WEBAPPS folder.

**Step 5:** Start tomcat server, use [http://localhost:<tomcat](http://localhost:%3ctomcat) port number>/scorecard URL to access CCDA scorecard application.

**Follow below mentioned steps if you want to create scorecard war file by using source code.**

**Step1:** Download source code by using <https://github.com/siteadmin/CCDA-Score-CARD> Location. (Please download source code from master branch).

**Step2:** Delete org.sitenv.service.ccda.smartscorecard.repositories.postgres package.

**Step3:** Delete ScoreCardStatisticProcessor.java under org.sitenv.service.ccda.smartscorecard.processor package.

**Step 4:** In CcdaSmartScorecardController.java delete line numbers 24, 81, 82, 118, 119 and 120.

**Step 5:** Delete package org.sitenv.service.ccda.smartscorecard.entities.postgres.

**Step 6:** Delete PersistanceConfigurationPostGres.java under org.sitenv.service.ccda.smartscorecard.cofiguration package.

**Step 7:** Delete “,PersistanceConfigurationPostGres.class” in line number 12.

**Step 8**: Update line number 178 in ApplicationConstants.java to pint to local tomcat server url. For example, “http://localhost:<tomcat port>, default port for tomcat is 8080.

**Step 9:** Build the application, copy war file to tomcat WEBAPPS folder.

**Step 10:** Start tomcat server, use [http://localhost:<tomcat](http://localhost:%3ctomcat) port number>/scorecard URL to access CCDA scorecard application.