Instructions

Instructions on how to

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# Setup application Codebase

Prerequisites: Java greater that 1.6 should be installed and set in PATH. And GIT should be installed if you want to use github.

Visit my GitHub link : <https://github.com/Akhilaki131/Med-Vault>

* Now you can either download the code in a zip file or clone the repository in your local machine.
* If you downloaded the zip file, extract and keep it ready.

Download eclipse: <https://www.eclipse.org/downloads/>

* After successful installation of Eclipse, now run the application.
* Now, it will ask you folder location for workspace. Select any folder where you want to setup the workspace
* Home page will prompt.
* Now to import the project, select File on the top left corner
* Click on import
* In the pop-up, search for Existing Maven Projects and select next
* Choose the root directory of where you have extracted/cloned the project and select it.
* Select the pom.xml file and click on finish.

Now you have successfully imported the project and ready to run the application.

To generate the war file, you must run the project with maven clean install. Steps to achieve that:

* Right click on the project folder in Eclipse
* Click on Run As -> Run Configurations
* Now in the pop-up, select maven build and right click on it and select new.
* Give the build a name. and in the Base Directory, select Browse Workspace and select your project.
* In the Goals section, type clean install. And click on Apply and then run.

This will run the maven command clean install and will generate the war file under the target folder.

# Deploy web application to Tomcat Server

In order to install and run the Apache Tomcat application, follow the below steps:

* Go to Eclipse and open Window -> Preferences -> Server -> Runtime Environment to create a Tomcat runtime environment.
* Click on Add and in the pop-up/dialog box, select you’re an instance under Apache (Apache Tomcat v7.0)
* Now you can click on download and install in order to download the apace tomcat.
* If you already a have a tomcat server installed in your machine, browse the folder and select in the Tomcat installation directory.
* And then click Finish.

You have successfully installed tomcat.

Deploy the web application into tomcat server:

* Click on Windows -> Show View -> Other -> Servers
* Now you will see servers tab on the below activity bar
* If you don’t see any servers below there, Select Click this link to create a new server.
* In the Dialog box, select the server you downloaded and click next
* In the next screen, you will see your web application.
* Select the application and click on add and then click Finish
* Now on the Tomcat server, right click and select Run.

This will deploy your application and start the server.

NOTE: Double click on the Tomcat server in the Servers tab below and it will open the tomcat settings file. Check the Tomcat Admin port and the HTTP port. Make sure you are using port 8800 for HTTP.

# Create Database, Import Database files with Data Structure and data

Download MySql Server in your local machine  
URL: <https://dev.mysql.com/downloads/installer/>

Follow instructions on the dialog box and complete the installation.

After successful installation, you are now ready to import the database.

* When you open the MySQL Workbench you will see the MySQL Connections.
* Select the local instance
* Select Server on the top tool and Select Data import
* In the import from dump project folder, click on browse and Go to the project folder and select that folder
* It will show you all the available database and tables.
* Select all and click on import.

Now refresh in the schemas and it will show you the new database with all the data inside the tables.

# Setup Cucumber automation code

As you have already installed Eclipse in the First step, we just have to import the Automation project in the similar fashion.

Visit my GitHub link : <https://github.com/Akhilaki131/MedVault-Automation>

* Now you can either download the code in a zip file or clone the repository in your local machine.
* If you downloaded the zip file, extract and keep it ready.

Now open eclipse and in the existing workspace only, follow the below steps to import he automation as a new module.

* select File on the top left corner
* Click on import
* In the pop-up, search for Existing Maven Projects and select next
* Choose the root directory of where you have extracted/cloned the Automation project and select it.
* Select the pom.xml file and click on finish.

Now you have successfully imported the project and ready to run the Automation.

# How to run Automation test

This is the easy part of everything. After you have successfully complete all the above steps, you are ready to run the automation test suite.

* Navigate to Test.java class under src>test>java>com>hospital>test.
* Right click on the Test and Select Run As -> Junit Application.

All the test scenarios in the feature file will execute and give you the result.