StormDrive Instructions

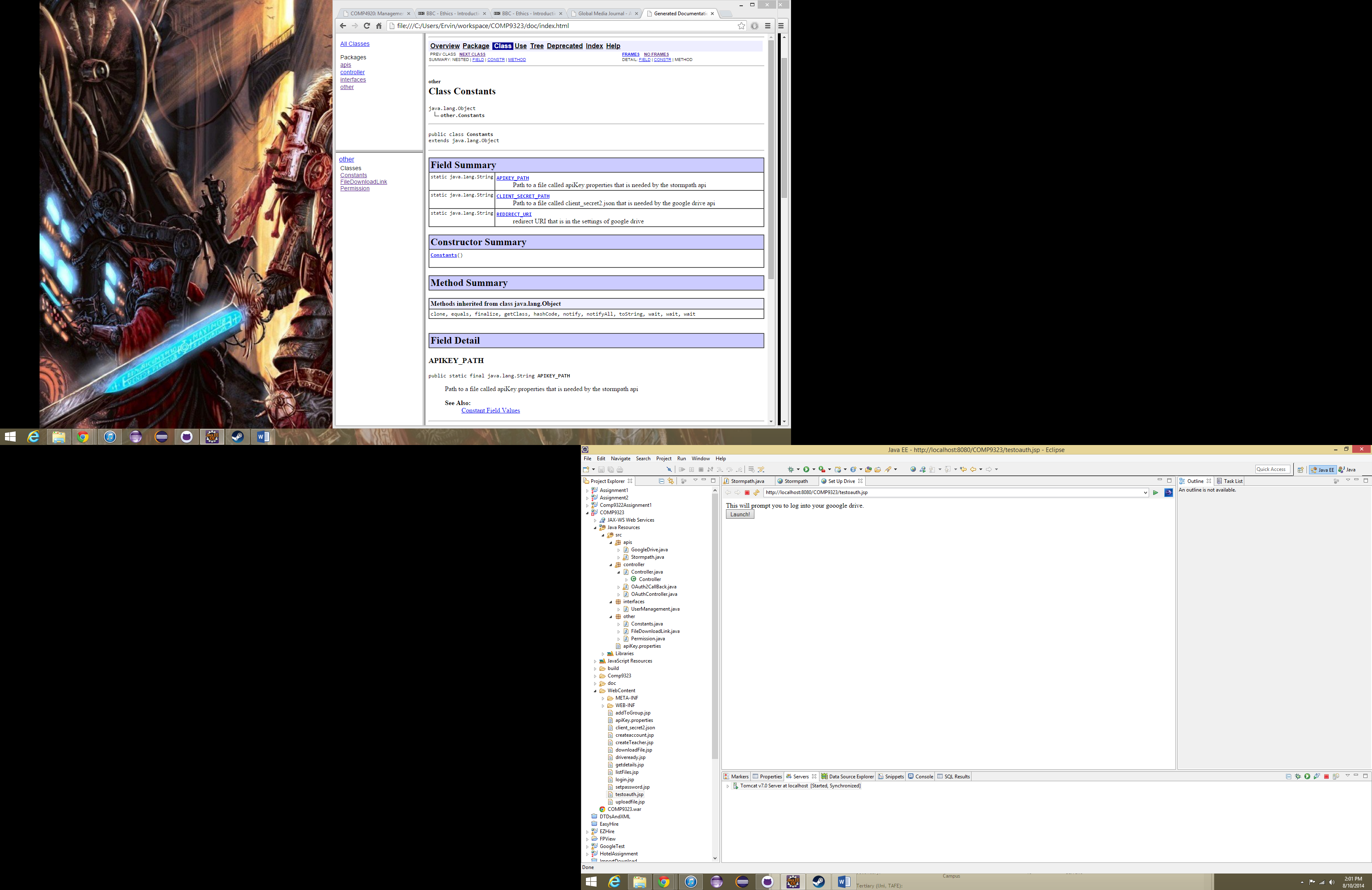
# Initialization

Deploy the WAR file in your tomcat server

## Connecting to the Google Drive

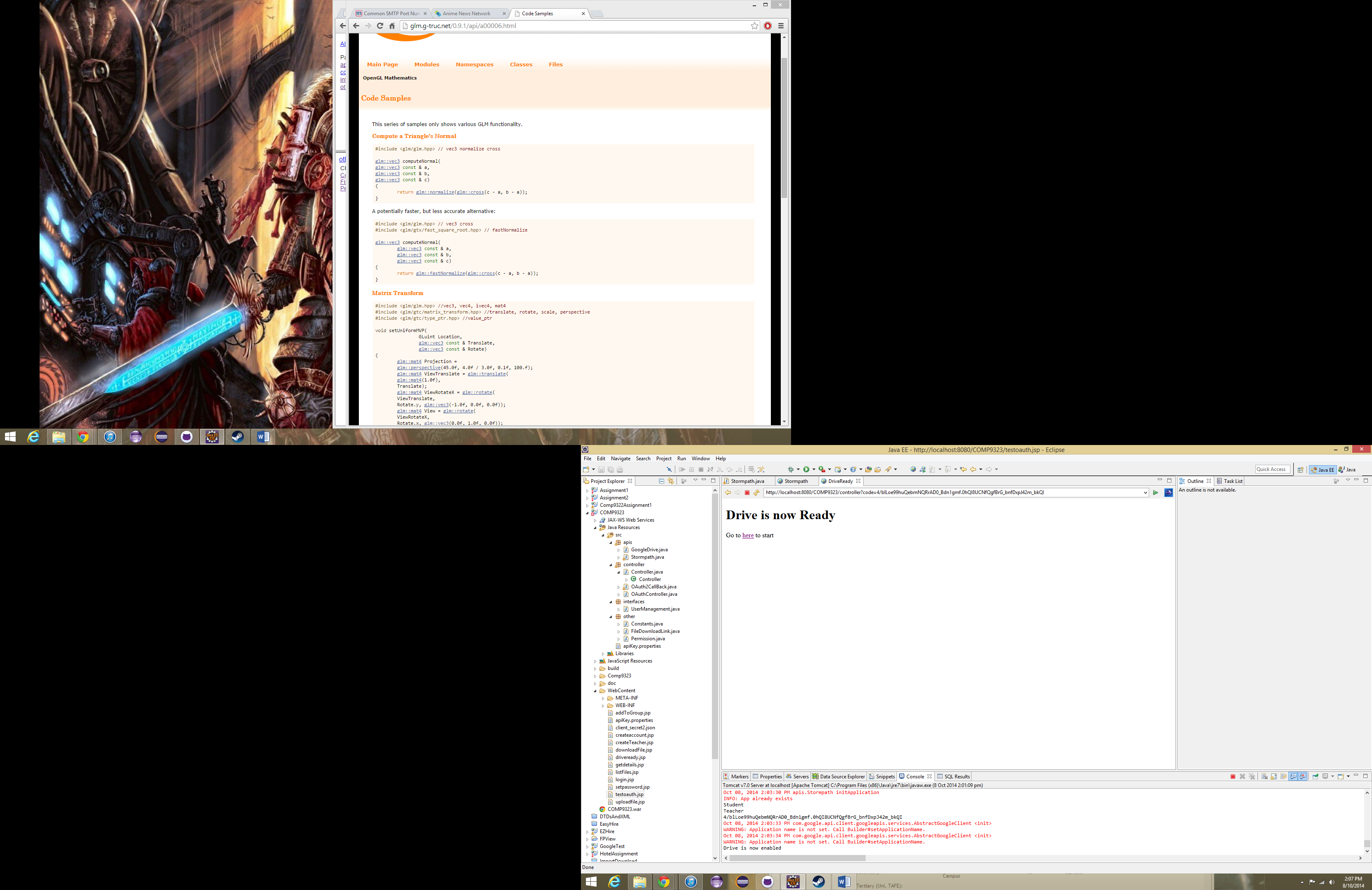
Navigate to <http://localhost:8080/COMP9323/testoauth.jsp>

You will see this message:



Click launch and this will prompt you to log into any google account.

Once you have successfully logged in you will see this message.



Once this has been done, it won’t have to be done again unless the server shuts down.

# Creating an account and logging in

Go to <http://localhost:8080/COMP9323/login.jsp>. If you don’t have an account click register to make one. Once you have created an account you can log in.

Note: The User created by default would be a member of the Student Group

# Add User to Group

You can add the user to a Group by going to

<http://localhost:8080/COMP9323/addtogroup.jsp>

Note: the user can be a member of a single group (either Student or Teacher) so if the user is a member of a certain group and it is to be added to another group then the previous group membership will be deleted automatically.

# Uploading a file

Once you are logged in, you can upload a file by going to <http://localhost:8080/COMP9323/uploadfile.jsp>

Note: only members of the Student group can Upload files.

# Getting the download links in the directory

Navigate to <http://localhost:8080/COMP9323/listFiles.jsp> and click view to get the download links.

Note: only members of the Teacher group can list and download files.

# Known issues

* No data about who submitted the file has been recorded
* Files inside a folder cannot be listed yet
* The UI is not very intuitive so we are working on exposing the application as a RESTful service.

# Software Architecture

## View

addToGroup.jsp

createaccount.jsp

downloadFile.jsp

createTeacher.jsp

driveready.jsp

login.jsp

listFiles.jsp

getdetails.jsp

setpassword.jsp

testoath.jsp

logout.jsp

uploadfile.jsp

Addtogroup.jsp

## Controller

OAuthController

Controller

Authorization

UserManagement

Storage

## Model

Google Api

Stormpath Api

## Key

JSP

Controller class

Interface

API Access class