Create Appaserver Virtual Host

A)   Create empty application = $project

1. Appaserver, database=template
2. <Process> <Create Empty Application> <$project>

B)   Create $project Username

1. useradd.sh $project <-- password=<blank>
2. sudo usermod $project --shell /bin/false
3. sudo usermod -a -G appaserver $group <-- Appaserver data write permission
4. sudo usermod -a -G $group 'whoami' <-- Document Root write permission
5. Logout/login to take effect
6. Undo: userdel.sh $project

C)   Create Customer Username

1. useradd.sh $username $project
2. sudo su - $username
3. echo "export DATABASE=$project" >> .profile
4. exit
5. Undo: userdel.sh $username

D)   Create appaserver_$project.config

1. cd /etc
2. sudo cp $APPASERVER_HOME/src_template/template_appaserver.config
    appaserver_$project.config
3. sudo chown $project:$project appaserver_$project.config
4. sudo chmod g+w appaserver_$project.config
5. sudo chmod o-r appaserver_$project.config
6. vi appaserver_$project.config
7. vi> password = $random
8. vi> default_database = $project
9. vi> mysql_user = $project
10. vi> appaserver_mount_point = $APPASERVER_HOME

E)   Create MySQL user

1. create_mysql_user.sh $project $random
2. Undo: echo "drop user '$project'@'localhost';" | sql

F)   Configure Apache and Create certificate

1. cd /etc/apache2/sites-available
2. cat secure_cloudacus_com80.conf | sed 's/secure/$project/' >
    $project_cloudacus_com80.conf
3. cat secure_cloudacus_com.conf | sed 's/www-data/$project/g' | sed 's/secure/$project/g' >
    $project_cloudacus_com.conf
4. sudo a2ensite $project_cloudacus_com80

5. sudo service apache2 restart
6. certbot.sh create $project.cloudacus.com cloudacus_com
7. sudo a2dissite $project_cloudacus_com80
8. sudo a2ensite $project_cloudacus_com
9. sudo service apache2 restart