1.Creating two separate projects , one for view other for accessing data

a.Open github login.

b.Create a new repository , ZenSports.

c.Add Java technology in the .gitignore and initialise the project with a README file and also add the description.

d.Click on the clone or download button on the right of the profile , and copy the url.

e.Create a new workspace , open eclipse in it .

f.Goto windows->Show View->Others->Type git on the filter and select git repositories.

g.Select clone a git repository.

h.It’ll open a dialog box,in it url will be implicitly there as we have copied it to the clipboard.

i.Then click next.

j.It’ll then get information from the remote repository.

k.Select master , then next.

l.Then we have to browse to the location where we want our project to be stored,in my case , I specified , C:\Users\admin\Desktop\Project\_Workspace\_ZenSports\ZenSports.

m.Then click on finish.

2.Maven Web App project i.e the from end project

a.Add a new maven project , select the default workspace location , then next , filter webapp , and select , and then next.

b.Add a groupId net.sports,and an artifactId ZenSportsFrontEnd.

c.Add it to the repository , by right clicking the project , selecting Team , and then Share Project, then select the repository and then finish .

3.Maven Quick Start project i.e. the back end project

a.Add a new maven project , select the default workspace location , then next, filter quickstart and selecgt , then next.

b.Add groupId net.sports, and an artefact ZenSportsBackEnd.

c. Add it to the repository , by right clicking the project , selecting Team , and then Share Project, then select the repository and then finish .

(If it shows warning for build path not able to find jre,then goto properties of the project , Java Build Path,double click JRE inside libraries , select alternative jre,then save)

4.Ignore the target folder

a.Open the gitignore file from the git tab added with the servers tab.

b.In it , write the following code (at the end):

/ZenSportsFrontEnd/target/

/ZenSportsBackEnd/target/

5.Adding user details

a.Open windows->preferences->git->configuration.

b.Here we have to add key values.

c.Add:

Key:user.name

Value : Neha-Pant

d.Add:

Key:user.email

Value:neha.pant@niit.com

e.Select apply and then OK.

6.Upload to the github

a.Goto the repository in git tab of eclipse , right click,select commit.

b.Select the hyperlink on the n ew window , git staging area.

c.Another window opens up.

d.All the files which have to be added to remote repository will be shown inside the unstaged changes , select all by ctrl+a and drag and drop in the staged changes.

e.Then enter the commit message in the next column , write ,My first commit for ZenSports – 3rd march 2017.

f.Click on commit and push.

g.It’ll ask for credentials , so enter your user id and password.

h.Then it will show us that push operation successful.

i.Verify it through the github url.