HealthMedicineQuest\_Final

Part01—Setup project in Eclipse and on GitHub

1. Project Directory and uploading in Github repository
   1. Create an empty git repository on the Github by clicking “New Repository” button. Selected name as “HealthMedicineQuest-Final”. With description-Final HealthMedicineQuest project with 2 part(front and back).
   2. Check the checkbox of “Initialise this Repository with README”.
   3. To enable project and git ignore click the drop down list Add .gitignore.java and enter text “Java” to metion the technology of your project you are using.
   4. Click on Create Repository button.
   5. To copy the github repository url click on Clone or Download drop down button copy the url and click on copy button.

<https://github.com/LopaB/Final-HealthMedicineQuest.git>

* 1. Open Eclipse IDE with new Workspace as Final\_Project\_Workspace.
  2. Go to Window-> Show View-> Other -> Type Git on the Filter and select Git Repositories.
  3. Click on “Clone a Git Repository” link which will open Source Git Repository dialog box with all required data as you have copied. No require to set authentication detail.
  4. Click on Next button.
  5. Select the same workspace which you have used to open Eclipse(HealthMedicineQuest-Final). Click on Open -> Save button.
  6. Click on Finish.

1. Create the Maven webapp project.
   1. Click on New -> Maven Project, “New Maven Project” dialog box will open.
   2. Uncheck “Use the default Location” ckeckbox and browse the Final\_Project\_Workspace folder. Click on Next button.
   3. Type “webapp” in Filter text box. Select “maven-archetype-webapp” artifact, click on Next button.
   4. Specify Archetype Parameters as following:
      1. GroupId – com.health
      2. ArtifactId – HealthMedicineQuestFrontEnd
   5. Click on Finish Button.
   6. Resolve HttpServlet exception:
      1. Right Click on Project
      2. Select Properties
      3. Select Project Facet
      4. Go to Runtimes Tab.
      5. Click New button
      6. Select Apache Tomcatv8.5
      7. Click on Next Button.
      8. Browse the Tomcat downloaded folder location.
      9. Select jre1.8 from the drop down list of JRE:
      10. Click on Finish Button
      11. Check “ Apache Tomcatv8.5”
      12. Click Apply and OK button.
   7. Add it to the repository
      1. Right click on project select Team, click on Share project option, “Configure Git Repository dialog box will open”
      2. Select available repository from Repository drop down list.
      3. Click Finish button.
      4. HealthMedicineQuest master will be added. i.e. this project is entirely version controlled using Git.
2. Create the Maven back end(quick start) project.
   1. Click on New -> Maven Project, “New Maven Project” dialog box will open.
   2. Uncheck “Use the default Location” ckeckbox and browse the Final\_Project\_Workspace folder. Click on Next button.
   3. Type “quick start” in Filter text box. Select “maven-archetype-quickstart” artifact, click on Next button.
   4. Specify Archetype Parameters as following:
      1. GroupId – com.health
      2. ArtifactId – HealthMedicineQuestBackEnd
   5. Click on Finish Button.
3. Ignore the Target folder for both the projects:
   1. Go to Git Repositories window, expand Working Tree, double click on .gitignore file.
   2. Append following two lines

/HealthMedicineQuestFrontEnd/target/

/HealthMedicineQuestBackEnd/target/

* 1. Save the project.

1. Apply Git Configuration to the Project to identify yourself:
   1. Open Window -> Preference -> Team -> Configuration
   2. Click on Add Entry button “Add a Configuration Entry dialog box will open”. Set user.name as Key and your git name as value(e.g. LopaB). Click OK button.
   3. Click again on Add Entry button “Add a Configuration Entry dialog box will open”. Set user.email as Key and your git name as value(e.g. Lopamudra.bera@hotmail.com). Click OK button.
   4. If both the values are properly set then ignore steps b and c and click on OK button to complete git configuration.
2. Commit project to the git :
   1. Right click on the repository available on Git Repositories window.
   2. Select all files from Unstaged Changes and drag to Staged Changes.
   3. Type “My project setup completed successfully” in the Commit Message section.
   4. Click on Commit and Push button. Which opens Login dialog to add github credential. Set user name as LopaB and password as L0p@mudr@ then click OK.