Specification for the Project: Prototype of a part of eBAY – Ver01 (06/10/2018)

Final Demo Date: 06/11/2018

(Development is group effort. Group Demo – Group size 8 students/group)

[NOTE: from 06/10/2018 till 06/11/18 you need to show at least 2 demos as intermediate demos]

Lab Exam based on this version: 20/11/2018 (Individual exam )

[NOTE: For the lab exam you have to bring the software build by YOUR group. I will give a simple application (end to end development) for implementation. Typically I will give (1 and ½) – 2 hours for implementation. You need to give a demo of your implementation at the end.

In the lab exam you will have to do the implementation alone without any help from other group members. This means each student should be completely familiar with code of every part of the system.

However, during the development phase you can make division of labor – like one student develop module 1, other module 2 etc. At regular intervals you need to have KSMs among group members to understand code from each other]

Technology used: 3 layer architecture.

GUI layer [Tweeterbootstrap, jsp and jquery]

Control layer [Ajax from jquery / servlets]

Business & data layer(server side): Use REST service approach

Details: For Rest Services: [jersey also json]

Backend technology (implementation of REST service): java, mysql, tomcat server]

[Your design will have 3 layer, REST architecture. But you will be implementing all the layers in one laptop – i.e. it will look like a desktop application. However, being REST architecture it is intrinsically asynchronous and hence it is immaterial where the REST services are located. ]

SPECIFICATION FOR THE VER 1 OF THE eBAY PROTO TYPE

**Database schema: See the pdf doc: eBAYRequirementSpec.pdf**

TECHNOLOGY RELATED INFORMATION

1. Implement using java, jsp, mysql, tweeterBootstrap. Use eclipse environment.
2. Technology side: MODEL 2 architecture : MVC for WEB.
   1. Tweeter bootstrap (rendering VIEW): Learn it by going through youtubes.

Example: “Learn Tweeter bootstrap in 2 hours (15 viedios).”

YOU ALSO LOOK INTO OTHERS AND GET BEST OF ALL.

* 1. About JSP (VIEW): Please see appropriate youtube videos
  2. Back end (MODEL) : MYSQL, core JAVA.

Learn by suitable YOUTUBE viedios.