

Mini eBay - Final project

Deadline: May 12th, 2018

A. Description

You must implement an Android mobile application for the mini eBay system developed for the second project. Therefore, the project includes a backend containing Servlets, classes and a central database. Your mobile application must communicate with the backend via http (JSON).

1. User login.
2. The products must be classified by departments (e.g, Electronics, computers, books).
3. The user must be able to sell a product classified by department. When registering the product, the user must include a product name, a description, a starting bid value, a picture, and a due date.
4. The system must provide a search box with the capability of refine the search based on department and type. However, the default search must be executed on the entire product database.
5. The searching results must be list with the product description (Name, department, type, and current bid) and a picture.
6. Once the user selects a product, the system must present a new activity with the complete product description including a bigger picture.
7. Once the user intent to make a bid for a product, she must be logged in the system. She must enter the bid value, and the system must show the highest bid for the product.
8. Every transaction performed on the mobile application must be registered at the central database system.

B. Submission and defense

You are asked to submit your source code using Blackboard on or before May **12th, 11:59 PM**. This project must be implemented in teams of, at most, 2 students.

You must submit a .zip file with your source code and database script generator for MySQL and your zip file must be identified as follows:

1_<Student1_last name>_<Student1_ first Name>_<Student2_last name>_<Student2_ first Name>.zip
(e.g. 2_Vergara_Idalides_Alvear_Alcides.zip)

C. Rubric

- a. 60% - Android application connecting to the backend –
- b. 20% - Backend
- c. 20% - Project Defense