Worksheet (03)

CmpE 202 – Spring 2015

Today’s Date: Monday, February 2, 2015 – CmpE 202-01
Thursday, February 2, 2015 – CmpE 202-02

Due Date: Monday, February 16, 2015 – CmpE 202-01
Thursday, February 19, 2015 – CmpE 202-02

Submit:
(a) Hardcopy in the beginning of the lecture
(b) Softcopy sent by e-mail before the lecture and filename format is
   CmpE202-01-YourfirstInitialLastName-WS03.doc OR
   CmpE202-02-YourfirstInitialLastName-WS03.doc

[1] Take CmpE 202 as a model for all the classes that has: instructor, students’
   rosters, lectures, exams, team projects, lecture notes, website, practical problems,
   tools utilized, grades, special essays, schedule (class schedule, team schedule, due
   dates), appointment with the instructor, student evaluations, etc. Develop a
   software application to keep track of all the activities in the class and track of the
   performance of each student in the classes.

[2] A local leasing company manages properties For rent owned by owners that are
   private or business owners. These properties are showed by the company’s staff and
   viewed by clients on specific date where clients may provide comments. If any of
   the clients likes the property, he or she fills an application for credit checks and
   provides references. If the application is approved, the client signs a lease.

[3] Create a class diagram for your favorite vacation and make sure to have two or
   more actors’ types

Answer the following questions for each of the above problems?

Document two of the Use Cases in Your Problem:
   (a) Identify two of the use cases
   (b) Identify Actors and their roles
   (c) Identify corresponding classes
   (d) Describe the Use Case

Repeat the process for at least two of the use cases. Use the following Use Case
Template to document your Use Cases All the fields must be filled for each use case.

1. Use Case Id.
2. Use Case Title
3. Actors & Corresponding Roles
4. Classes
5. Type
6. Corresponding Attributes
7. Corresponding Interfaces (services or operations)
8. Use Case Description
9. Alternatives