Worksheet (05)
CmpE 202 – Spring 2015

Today’s Date:  Monday, Monday, February 9, 2015 – CmpE 202-01
                  Thursday, February 12, 2015 -- 2015 – CmpE 202-02

Due Date:     Monday, February 23, 2015 – CmpE 202-01
                  Thursday, February 26, 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-WS05.doc OR
CmpE202-02-YourfirstInitialLastName-WS05.doc

‘Survival of the fittest’ is a phrase which was used by Charles Darwin in the late 80’s in his theories of evolution, which means that when a battle of survival arrives, only the fittest organism will survive. And in today’s world, the way things are happening we will soon end up facing this battle and how the rescue will be done. Our mission mainly discusses about various odd situations which a man has to face alone, situations like a person stranded in icy mountain regions during snow storm, has to cross a river or lake which has alligators in it, climbing mountains which has insects and wild animals, shark attack, and various other crazy situations. Here are sample of crazy situations:

1. Crossing a River or Lake full of Alligators (Individual, Alligator, Lake or River, Forest, Tree, Spear, Drinking Water, Tribal Area, Tribal Head, Ceremony, Journey, etc.)
2. Searching for Food (Individual, Rabbits, Wild Bigs, Forest, Trees, Spear, Creeper, Spear, Fire, Eggs, Fruits, Birds, Journey, etc.)
3. Surviving Forest Fire (Individual, Rescue Team, Team Leader, Trees, Lakes, Forest, Fire, Mobile Phone, Helicopter, Fire Extinguisher, Global Positioning System Locator, etc.)
4. Climbing Mountains (Individual, Mountain, Rocks, Pebbles, Position, Spiders, Snakes, Rescue Team, Team Leader, Helicopter, Global Positioning System Locator, etc.)

Answer the following questions for each of the above 4 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