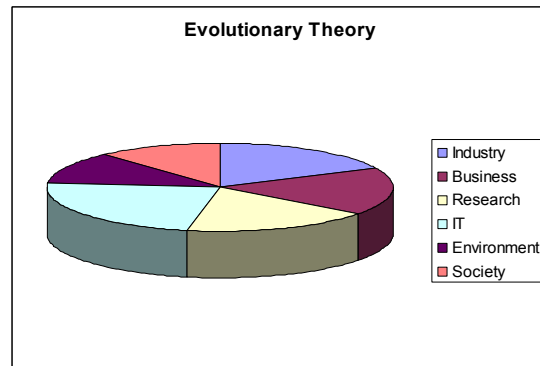
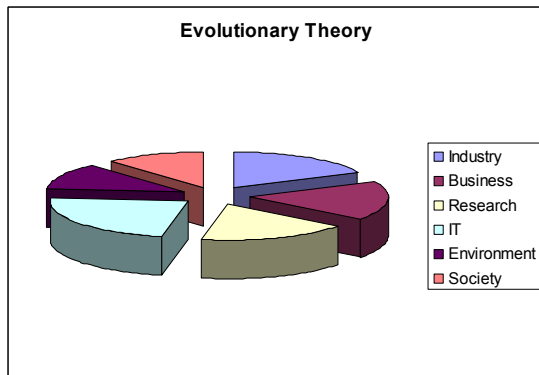


1. Lecture 1: This problem refers to the role of SOA in aligning various entities (categories) in a typical business: This concept was discussed during lecture 1 and artifacts for the discussion are available in slide #8 and #9 of lecture 1 notes. The figures in those slides are given below. Write a position paper (1 page) answering these questions:
 - a. Are there any categories that I did not consider in the pie? Ex: government policies?
 - b. What should be the appropriate weight of each category? For example, consider the heavy weight given to IT in the picture on the right.



2. Lecture 2: An SOA can form the basis for
 - a. Model 1: interaction of various divisions of an organization in a secure environment,
 - b. Model 2: integration of data and information cooperating organizations (distinct business entities) to facilitate business transactions and
 - c. Model 3: mash-up of services offered by various organizations to form ad hoc applications customized for a common user of the services (This is similar to the “house search” demo on 9/10).

Discuss the issues (problems to be addressed) in realization of each of the models listed above. For example, we discussed “reliability” as an issue in SOA mash-up applications.

Due date: 9/17/2007 by mid-night

Create a document to answer these questions (1, 2) and name it “assignment1”. Make sure your document has appropriate title, your name, assignment number and date. Submit it online from any of the Computer Science Engineering (cse) department’s machines. Use the command below at the command line:

```
submit_cse507 assignment1
```