Case 1: PixAround.com

Question 1
3D technology allows you to have a more immersive user experience and easy interactivity on the Web. It lets you examine and manipulate objects in ways not possible with two dimensions.

Question 2
Areas that could benefit from this technology include: architecture, engineering, games, education, and the field of medicine.

Question 3
Incorporating avatars in the design could prove interesting.

Question 4
System requirements could be considered a limitation.

Case 2: Transco

Question 1
Advantages include:
- high potential payoff or significantly reduced downside risk,
- the ability to capture and preserve irreplaceable human expertise,
- the ability to develop a system more consistent than human experts,
- and expertise needed in a hostile environment that is dangerous to human health.
One disadvantage could be the high cost involved in implementing the system.
Case 2: Transco
Question 2
The following three industries manage hazardous, complex systems:
• mining,
• chemical,
• and metal manufacturing.

Case 2: Transco
Question 3
The following jobs may be considered:
• law enforcement,
• nursing,
• and journalism.

Case 2: Transco
Question 4
Errors in the design of expert systems may have dramatic effects, especially if used on mission critical systems.

Case 3: IBM eLiza
Question 1
Consider issues such as broken links and downtime.

Case 3: IBM eLiza
Question 2
Consider what would occur if any one of these devices malfunctioned.

Case 3: IBM eLiza
Question 3
Human system administrators will have a new responsibility, maintaining the self-healing devices.
Case 3: IBM eLiza

Question 4
Companies specializing in the maintenance of these devices will see an increase in outsourcing opportunities.

Thank you!
Any questions? Please send an e-mail to mhepp@computer.org!

http://ruby.fgcu.edu/courses/mhepp/