SLIDE 4

**3. For each of the 12 assignment reports you have at hand, analyze the proposed architectural solution with respect to:**

**a. Risks -** There is no backup server so accessibility is compromised.

**b. Non-risks -** Security using client-server. Performance improved by a three tier system.

**c. Sensitivity points -** Credibility is achieved by using an external payment provider

**d. Tradeoff points -** Lower cost vs availability, having no backup.

**4. Review each of the 12 proposed solutions with respect to the following abstract design principles:**

**a. Information hiding** (people need not see) **Yes**

**b. Minimize coupling** (components don’t link everywhere and don’t have unnecessary connections) **No**

**c. Coherence** (components that work the same thing are together) **Yes**

**d. Divide and conquer** (System parts/components are broken down into manageable parts) **Yes**

**e. Separation of concerns** (components functions are in the component and not spread around the system) **yes**

**f. Keep it simple Yes**

**g. No circular dependencies** (Components are not connected in a way that two or more all depend on eachother) **NO**

**h. Layering** (separating front, back and db) **Yes**

**i. Modularity** (parts can be used in another project or be switched out)

**Yes**

**5. Give an overall grade for each architectural solution at the scale of 1 (poor) to 10 (excellent).**

**7**

**Justify your score in terms of your answers to the previous questions**.

Too many dependencies in the database layer. No connections are visible in or between packages making it hard to asses separation of concerns.