SLIDE 5

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

**a. Risks -** High coupling causing dependencies in different packages. No interfaces between layers. Too many dependencies in use case to be clear resulting in poor architecture. Low cohesion because component Business Intelligence component is is unclear in relation to components in Logic layers. Layers are not labelled.

**b. Non-risks -** Security using client-server.

**c. Sensitivity points -** Accessibility, backup recovery in quality requirements are not achieved by client-server style alone.

**d. Tradeoff points -** Lower cost vs availability. There is no backup server so that’s cheaper.

**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) **No**

**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) **No**

**f. Keep it simple Yes**

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

**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).**

**6**

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

It was not possible to see where components where deployed. No labels in package diagram, and deployment description describe packages instead. High coupling and low cohesion. So there is a only fair amount of separation of concerns.The program is modular and together provides encapsulation and which means there is information hiding.