**High Level Design**

**Hotel Management**

**COP 4331, Fall, 2016**

Team Name and Number: 21

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**High-level Architecture**

* <Provide a diagram of the major components of your system. Describe each of the major components given in the diagram. Consider the various architectural styles discussed in chapter 5.  Do any of them apply?  Can they be combined to form a unique architecture diagram for your system? Make sure to explain the reasoning of your choice of architectural style(s) within the context of the project. >
* <Provide a diagram of the system interfaces. Describe each of interfaces of your system in detail. How will the major components interact with each other?>

**Design Issues**

<Discuss your team's evaluation of the major design issues: reliability, reusability, maintainability, testability, performance, portability, security, and safety. Which issues are relevant to your project? What prototypes (if any) will you need to do to evaluate alternate design strategies? What technical difficulties do you expect to encounter? How will you solve them? What design trade-offs did you make in your selection of the architecture? What was your rationale for selecting this architecture? What technical risks are involved in this solution?>