COS 457 Final Project

Real-World Scenario: Museum Management System

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For my final project for COS 457, I’ve decided to develop the database system for a museum management system. Over the week of the Thanksgiving holiday I was in Europe, and during that time I was fortunate enough to visit multiple prominent museums – the British Museum in London and the Louvre in Paris.

One of the many things I noted during my visits to these museums is how complex the management of these system must be. Museums have to manage the display of a large quantity of different artworks and artifacts, some of which have to be temporarily removed for restoration, maintenance, or research, along with a large staff, a large number of visitors per day, and an entire business in the form of a gift shop. Larger museums such as the Louvre even host other businesses.

For my project, I intend to try to create a database system for a large-scale museum such as the British Museum or the Louvre. Some level of complexity will have to be abstracted away from, but I’ll be able to capture the core elements of a function management system for a museum of this scale.