



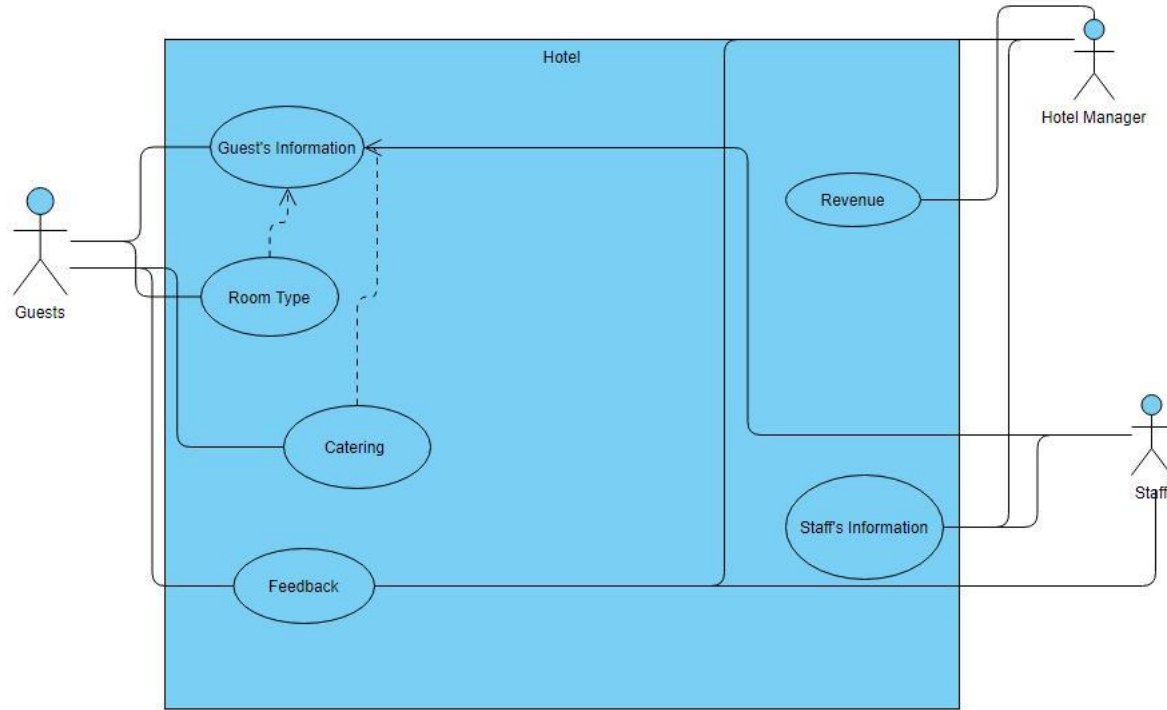
Hotel Management System

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System Description

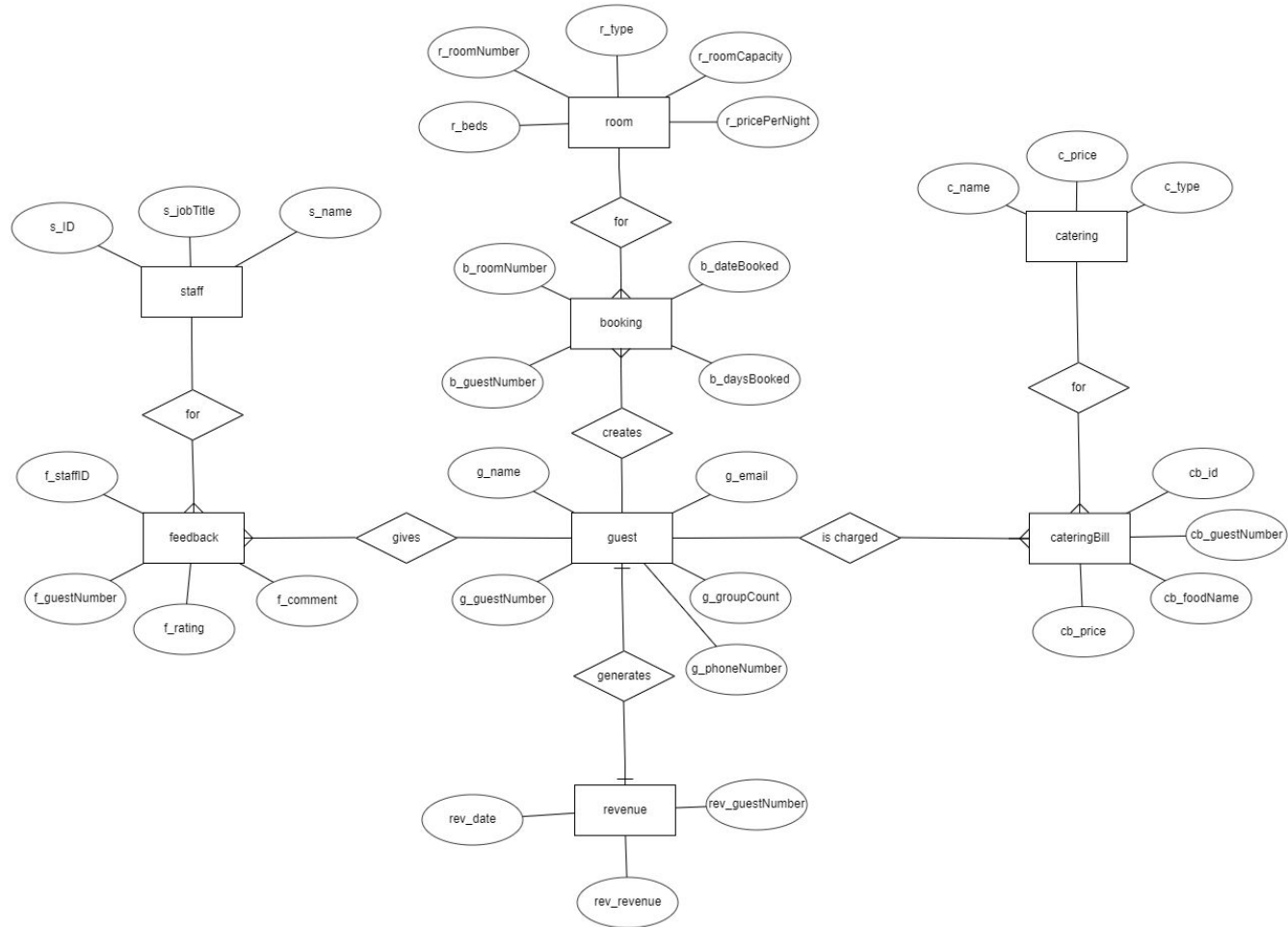
- We created a web based application that can manage a hotel
 - System user (admin or manager) can view and edit the bookings, guests, catering, staff, and revenue data.
 - Multiple types of filters to find desired information
 - Simple tab based viewing for easy use
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Use Case Diagram

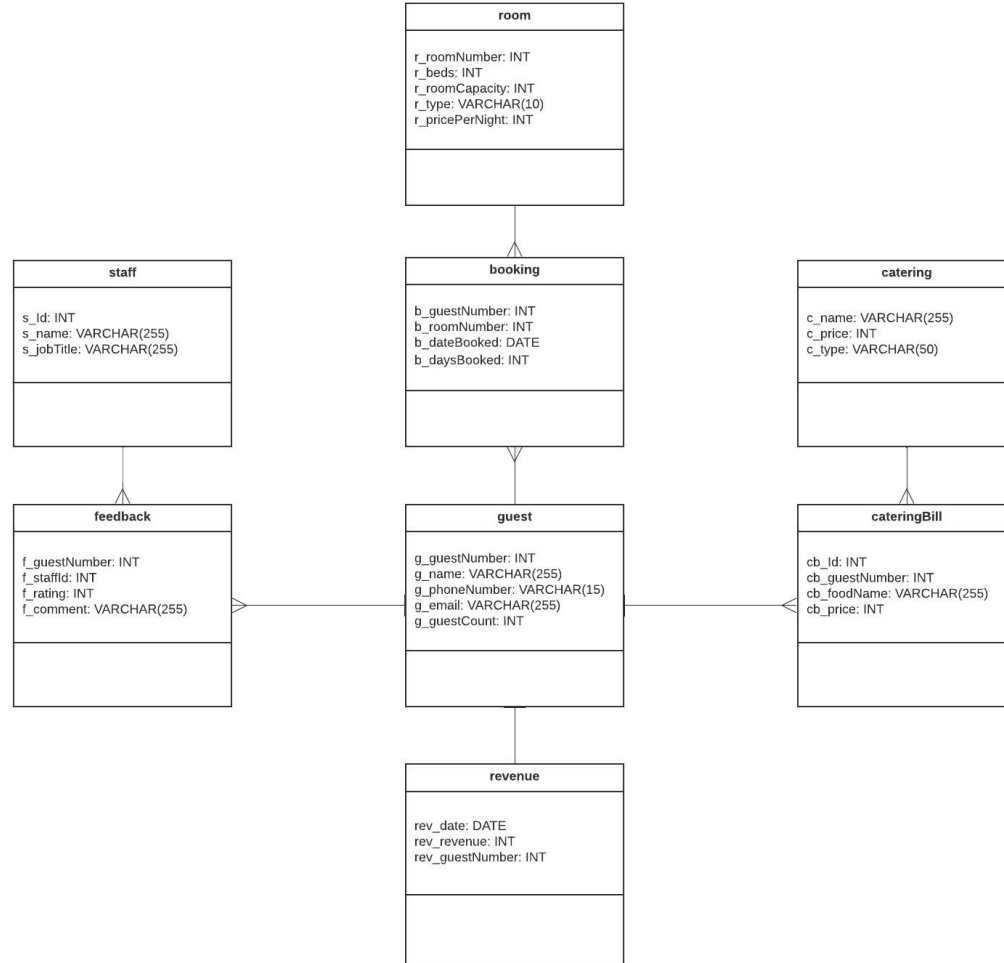


Explanation: the guests will give their information including their name, their referred room type, their contact information to the staff. The hotel manager only needs to know about the information of the staff and the feedback of the customers and determines the revenue. The room type and catering are dependent on the guest's information and their choice.

E/R Diagram



UML Schema



Implementation

- Visual Studio Code
- Self generated data-set

Front End:

- HTML
- CSS (Bootstrap)
- Javascript

Back End:

- Python
- Flask
- Sqlite3



Flask



GitHub

<https://github.com/ErnestOG/CSE111-Project>
