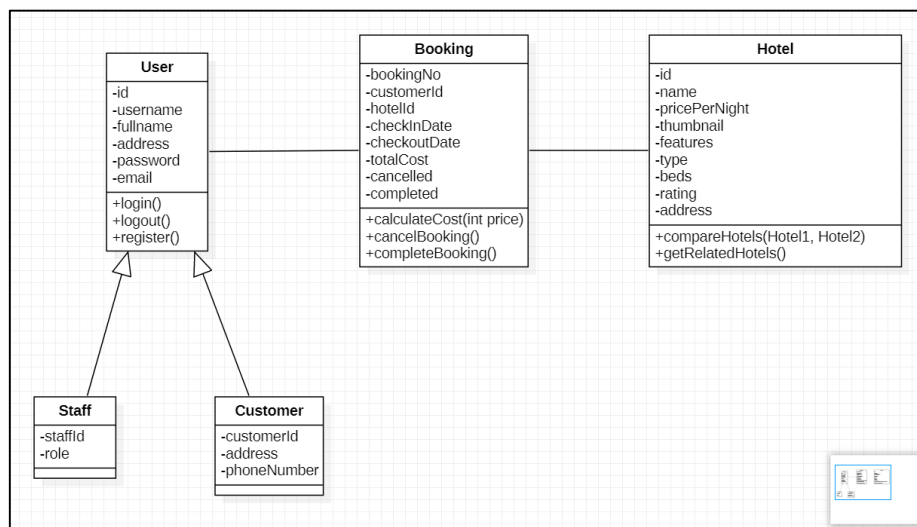


UML Class Diagram:



Business Rules:

- A Customer's customerId and a Staff members staffId should be distinct from each other (make use of a unique character or code).
- A Booking consists of one Customer and one Hotel.
- A Booking's totalCost is determined by calculating the difference between its checkoutDate, and checkInDate, and multiplying the result by the hotel's costPerNight.
- A Booking's cancelled field is false by default and is changed when a Customer cancels a Booking.
- A Booking's completed field is false by default and is changed when its checkInDate and the current date of today are the same.
- compareHotels is a **static** method, which takes in two Hotel objects as arguments, and returns whichever hotel is the cheapest. This should be used when sorting or creating a list of related hotels.
- The getRelatedHotels method should return a subset/array of Hotel objects, that have similar values to a selected hotel.