W Step

We have been commissioned to create a hotel management application. We need a web portal that allows people to book an available room. We also need a desktop app for when they check in.

We need to create a minimum viable product (MVP) that will allow the customer to get going and to identify what features should be added later.

* Hotel Management App
* Web Portal
  + Allow guests to book rooms
  + We have to know if rooms are available
* Desktop App
  + The guest will check in via the desktop app
  + We need to be able to look up guest reservations by name or other piece of information.
* This is an MVP

O Step

# Additional Questions/Requirements:

* Is this one location, or are there multiple hotel locations?
* Is the check-in desktop app self-service or run by the front desk clerk?
* Will guests need to be checked out? If so, how?
* Multiple room types, or just one room type?
* Can guests cancel their reservation ahead of time?

# To-Do List:

* We need a single database to store the information.
* Web Portal for guests:
  + Guest will select dates (and location if more than one) and be presented with a list of available room types for those dates
  + Guest selects desired room type, enters their information, and completes their booking, which is saved to the database
  + That will need to reduce the number of available rooms of that type for each of those dates by one.
* Desktop App:
  + Clerk will search for guest by name and check-in date
  + Once reservation located, clerk will check guest into specific room

# List of Features To Be Added Later:

* Allow second database as option
* Allow guests to manage future reservations (modify/cancel).