Clay Access Solution

Class Diagram

User

\*userName

\*passwod

IDoor

\*OpenDoor

\*CloseDoor

\*DoorStatus

\*GetLogs

\*AddUser

UnAuthorizedUserException

LockException

Log

\*timeStamp

\*doorStatus

\*user

ILock

\*Open

\*Close

\*GetLockStatus

Lock

\*Open

\*Close

Door

\*name

\*ILock

Office

\*name

Building

\*Address

\*IDoors

* We are using WebApi to provide web services to control the locks
  + Can be consumed either from Mobile/Web apps
  + Provide better decoupling for services
  + Can be scaled easily
  + Easy routing
* For the web interface we use MVC
  + Controller is used to return View
  + Same controller can be used to return different views/designs based on customer requirement