

After refactoring the system (using MVC architecture to our application), the content highlighted in red is the relevant parts of the class diagram that we have updated to fulfill the requirements for A3 based on A2.

Note for CurrentOperator class:  
\* The class represents the person who are interacting with our system.  
\* This class is like an agent that can be used by actors to contact with the system.(will be more security)  
\* The current user is the user that is currently logged in. (might be the resident or the Administrators/receptionist ...)

