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| **Responsibility Description** | **Type** | **Concept Name** |
| Coordinate actions of concepts associated with this use case and delegate the work to other concepts. | D | Controller |
| Form requesting for switching state of store. | K | SwitchRequest |
| Switch state of store. | D | SwitchOperator |
| Form requesting whether the user has the privilege to access. | K | AuthenticateRequest |
| Authenticate whether the user’s role matches with the system’s required role. | D | RoleChecker |
| Container for user’s role data, such as manager, orderer, clerk, delivery man | K | Role |

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| **Concept pair** | **Association description** | **Association name** |
| Controller<->  SwitchOperator | Controller passes SwitchRequest to SwitchOperator. | Conveys requests |
| Controller<->RoleChecker | Controller passes requests to RoleChecker and receives back whether the user has the privilege to access. | Conveys requests |
| Controller<->AuthenticateRequest | Controller receives AuthenticationRequest which contains Manager’s identification information. | Receives requests |
| Controller<->Role | Controller obtains Role of the Manager | Obtains entity |
| RoleChecker<->Role | RoleChecker authenticates with the Role | Authenticate with entity |
| Controller<->SwitchRequest | Controller receives SwitchRequest. | Receives requests |

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| Concept | Attributes | Attribute Description |
| AuthenticateRequest | Manager’s identity | Manager’s identification information which used to retrieve role. |
| Role | Manager’s role | Manager’s role according to its identification information. |
| SwitchOperator | state | State of store(opened, closed) |