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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 |
| HTML document that shows the actor the current context, what actions can be done, and outcomes of the previous actions. | K | InterfacePage |
| Render the menu list into an HTML document for sending to actor’s Web browser for display. | D | PageMaker |
| Form requesting whether the user has the privilege to access. | K | AuthenticateRequest |
| Form requesting for applying modified data by the option(add, update, delete) manager selected. | K | ManageRequest |
| Retrieve menu list from Menulist or request for applying the modified data to Menulist.. | D | MenuConnection |
| Send request for applying modified data to menu list. | D | ManageMenuOperator |
| 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<->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 | Role checker authenticates with the Role | Authenticate with entity |
| Controller<->ManageRequest | Controller receives ManageRequest which contains Option parameter and Modified data. | Receives requests |
| Controller<->PageMaker | Controller requests for page to display to PageMaker and receives back the prepared page. | Requests page |
| Controller<->InterfacePage | Controller posts InterfacePage containing menu list | Posts page |
| PageMaker<->  MenuConnection | PageMaker requests MenuConnection to post menu list. | Requests data |
| Page Maker<->  InterfacePage | PageMaker prepares the InterfacePage. | Prepares |
| Controller<->  ManageMenuOperator | Controller passes ManageRequests to ManageMenu  Operator. | Conveys requests |
| ManageMenuOperator<->MenuConnection | ManageMenuOperator requests MenuConnection to apply the modified data of menu list | Requests apply |

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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. |
| ManageRequest | Option parameter | Add, Update, Delete |
| Modified data | Modified data of menu list by the option(add, update, delete). |