# Operation contracts

Operation contracts describe detailed changes to objects in a domain model,as the result of a system operation. [Craig Larman].Pre-conditions and post-conditions should be described as well. The methods for operation contract should be retrieved from System Sequence Diagram.

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| Operation: | makeOrder(table:Table, waiter:Stuff) |
| Use cases: | Make order |
| Precondition: | Table is created, Stuff is created |
| Post conditions: | Order object is created and accosiated with table |
| Stuff object associated with the order object |
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| Operation: | makeReservation(customersName,phoneNo,date,preorder) |
| Use cases: | Make reservation |
| Precondition: | a Table instance is created |
| Post conditions: | The reservation procedure ha started |
| New reservation instance is created |
| New reservation is saved in the database |
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We described only most important methods in our use case. The table above shows how does system state changes depending on pre and post conditions. Additional operation contracts can be found in the Apendix