

## Model

*Package in package "*

Model  
Version Phase 1.0 Proposed  
Zadolf created on 15-Dec-22. Last modified 15-Dec-22

## Order

*Package in package 'Model'*

Order  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

## Activity Diagram for Ordering diagram

*Activity diagram in package 'Order'*

Activity Diagram for Ordering  
Version 1.0  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

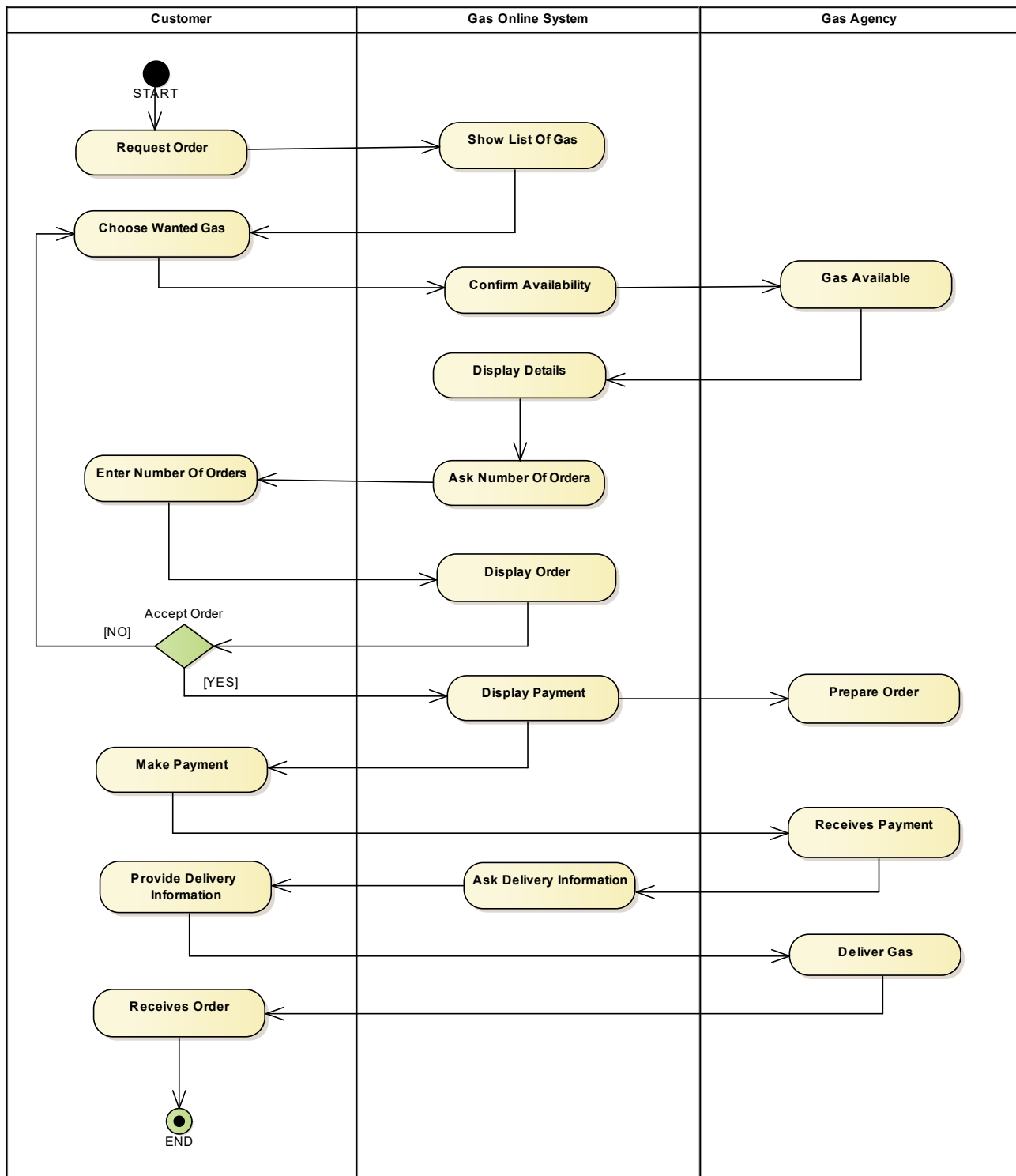


Figure 1: Activity Diagram for Ordering

## Order diagram

Activity diagram in package 'Order'














Order  
Version 1.0  
Zadolf created on 15-Dec-22. Last modified 15-Dec-22



Figure 2: Order

## Customer

*ActivityPartition in package 'Order'*

Customer  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

ELEMENTS OWNED BY Customer
 Action1 : Action
 Activity1 : Activity
 Choose Wanted Gas : Activity
 Enter Number Of Orders : Activity
 Make Payment : Activity
 Provide Delivery Information : Activity
 Receives Order : Activity
 Request Order : Activity
 Accept Order : DecisionNode
 Accept Order : DecisionNode
 END : ActivityFinal
 END : FlowFinal
 END : FlowFinal

**ELEMENTS OWNED BY Customer** END : ActivityFinal START : ActivityInitial

## Action1

Action owned by 'Customer', in package 'Order'

Action1

Version 1.0 Phase 1.0 Proposed

Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**INCOMING BEHAVIORAL RELATIONSHIPS** ControlFlow from Accept Order to Action1

## Activity1

Activity owned by 'Customer', in package 'Order'

Activity1

Version 1.0 Phase 1.0 Proposed

Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**INCOMING BEHAVIORAL RELATIONSHIPS** ControlFlow from Receives Order to Activity1


## Choose Wanted Gas

Activity owned by 'Customer', in package 'Order'


Choose Wanted Gas

Version 1.0 Phase 1.0 Proposed

Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**OUTGOING BEHAVIORAL RELATIONSHIPS** ControlFlow from Choose Wanted Gas to Confirm Availability**INCOMING BEHAVIORAL RELATIONSHIPS**

Name: [NO]

 ControlFlow from Accept Order to Choose Wanted Gas ControlFlow from Show List Of Gas to Choose Wanted Gas


**INCOMING BEHAVIORAL RELATIONSHIPS**

## Enter Number Of Orders


Activity owned by 'Customer', in package 'Order'

Enter Number Of Orders  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**OUTGOING BEHAVIORAL RELATIONSHIPS**

 ControlFlow from Enter Number Of Orders to Display Order

**INCOMING BEHAVIORAL RELATIONSHIPS**

 ControlFlow from Ask Number Of Ordera to Enter Number Of Orders

## Make Payment

Activity owned by 'Customer', in package 'Order'

Make Payment  
Version 1.0 Phase 1.0 Proposed  
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**OUTGOING BEHAVIORAL RELATIONSHIPS**

 ControlFlow from Make Payment to Receives Payment

**INCOMING BEHAVIORAL RELATIONSHIPS**

 ControlFlow from Display Payment to Make Payment

## Provide Delivery Information

Activity owned by 'Customer', in package 'Order'

Provide Delivery Information  
Version 1.0 Phase 1.0 Proposed  
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**OUTGOING BEHAVIORAL RELATIONSHIPS**

 ControlFlow from Provide Delivery Information to Deliver Gas

**INCOMING BEHAVIORAL RELATIONSHIPS**

**INCOMING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Ask Delivery Information to Provide Delivery Information

## Receives Order

Activity owned by 'Customer', in package 'Order'

Receives Order  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**STRUCTURAL PART OF Receives Order**

🔧 ObjectNode1 : ActionPin

🔧 ObjectNode2 : ActionPin

**OUTGOING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Receives Order to END

➡ ControlFlow from Receives Order to Activity1

**INCOMING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Deliver Gas to Receives Order

## ObjectNode1

ActionPin owned by 'Receives Order', in package 'Order'

**OUTGOING BEHAVIORAL RELATIONSHIPS**

➡ Object Flow from ObjectNode1 to END

## ObjectNode2

ActionPin owned by 'Receives Order', in package 'Order'

**OUTGOING BEHAVIORAL RELATIONSHIPS**


➡ Object Flow from ObjectNode2 to END

## Request Order

Activity owned by 'Customer', in package 'Order'

Request Order  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Request Order to Show List Of Gas

### INCOMING BEHAVIORAL RELATIONSHIPS

 ControlFlow from START to Request Order


## Accept Order

DecisionNode owned by 'Customer', in package 'Order'

### OUTGOING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Accept Order to Action1

### INCOMING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Display Order to Accept Order

## Accept Order


DecisionNode owned by 'Customer', in package 'Order'

### OUTGOING BEHAVIORAL RELATIONSHIPS

Name: [NO]

 ControlFlow from Accept Order to Choose Wanted Gas

Name: [YES]



 ControlFlow from Accept Order to Display Payment

### INCOMING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Display Order to Accept Order


**END**

*ActivityFinal owned by 'Customer', in package 'Order'*

INCOMING BEHAVIORAL RELATIONSHIPS
 Object Flow from ObjectNode2 to END
 ControlFlow from Receives Order to END

**END**

*FlowFinal owned by 'Customer', in package 'Order'*

INCOMING BEHAVIORAL RELATIONSHIPS
 Object Flow from ObjectNode1 to END

**END**

*FlowFinal owned by 'Customer', in package 'Order'*

**END**

*ActivityFinal owned by 'Customer', in package 'Order'*

**START**

*ActivityInitial owned by 'Customer', in package 'Order'*

OUTGOING BEHAVIORAL RELATIONSHIPS
 ControlFlow from START to Request Order



**Gas Agency**

*ActivityPartition in package 'Order'*

Gas Agency  
Version 1.0 Phase 1.0 Proposed  
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ELEMENTS OWNED BY Gas Agency
 Deliver Gas : Activity



**ELEMENTS OWNED BY Gas Agency** Gas Available : Activity Prepare Order : Activity Receives Payment : Activity

## Deliver Gas

Activity owned by 'Gas Agency', in package 'Order'


Deliver Gas  
Version 1.0 Phase 1.0 Proposed  
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**OUTGOING BEHAVIORAL RELATIONSHIPS** ControlFlow from Deliver Gas to Receives Order**INCOMING BEHAVIORAL RELATIONSHIPS** ControlFlow from Provide Delivery Information to Deliver Gas

## Gas Available

Activity owned by 'Gas Agency', in package 'Order'

Gas Available  
Version 1.0 Phase 1.0 Proposed  
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**OUTGOING BEHAVIORAL RELATIONSHIPS** ControlFlow from Gas Available to Display Details**INCOMING BEHAVIORAL RELATIONSHIPS** ControlFlow from Confirm Availability to Gas Available

## Prepare Order

Activity owned by 'Gas Agency', in package 'Order'

Prepare Order  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**INCOMING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Display Payment to Prepare Order

**Receives Payment**

*Activity owned by 'Gas Agency', in package 'Order'*

Receives Payment  
Version 1.0 Phase 1.0 Proposed  
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**OUTGOING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Receives Payment to Ask Delivery Information

**INCOMING BEHAVIORAL RELATIONSHIPS**

➡ ControlFlow from Make Payment to Receives Payment

**Gas Online System**

*ActivityPartition in package 'Order'*

Gas Online System  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**ELEMENTS OWNED BY Gas Online System**

📄 Ask Delivery Information : Activity

📄 Ask Number Of Ordera : Activity

📄 Confirm Availability : Activity

📄 Display Details : Activity

📄 Display Order : Activity

📄 Display Payment : Activity


📄 Show List Of Gas : Activity

## Ask Delivery Information

Activity owned by 'Gas Online System', in package 'Order'

Ask Delivery Information  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Ask Delivery Information to Provide Delivery Information

### INCOMING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Receives Payment to Ask Delivery Information

## Ask Number Of Ordera

Activity owned by 'Gas Online System', in package 'Order'

Ask Number Of Ordera  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Ask Number Of Ordera to Enter Number Of Orders

### INCOMING BEHAVIORAL RELATIONSHIPS


 ControlFlow from Display Details to Ask Number Of Ordera

## Confirm Availability


Activity owned by 'Gas Online System', in package 'Order'

Confirm Availability  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Confirm Availability to Gas Available

### INCOMING BEHAVIORAL RELATIONSHIPS

 ControlFlow from Choose Wanted Gas to Confirm Availability

## Display Details

Activity owned by 'Gas Online System', in package 'Order'

Display Details  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

ControlFlow from Display Details to Ask Number Of Ordera

### INCOMING BEHAVIORAL RELATIONSHIPS

ControlFlow from Gas Available to Display Details

## Display Order

Activity owned by 'Gas Online System', in package 'Order'

Display Order  
Version 1.0 Phase 1.0 Proposed  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

ControlFlow from Display Order to Accept Order

ControlFlow from Display Order to Accept Order

### INCOMING BEHAVIORAL RELATIONSHIPS

ControlFlow from Enter Number Of Orders to Display Order

## Display Payment

Activity owned by 'Gas Online System', in package 'Order'

Display Payment  
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### OUTGOING BEHAVIORAL RELATIONSHIPS

ControlFlow from Display Payment to Make Payment


ControlFlow from Display Payment to Prepare Order

**OUTGOING BEHAVIORAL RELATIONSHIPS****INCOMING BEHAVIORAL RELATIONSHIPS**

Name: [YES]

 ControlFlow from Accept Order to Display Payment**Show List Of Gas***Activity owned by 'Gas Online System', in package 'Order'*

Show List Of Gas  
Version 1.0 Phase 1.0 Proposed  
Zadolf created on 14-Dec-22. Last modified 14-Dec-22

**OUTGOING BEHAVIORAL RELATIONSHIPS** ControlFlow from Show List Of Gas to Choose Wanted Gas**INCOMING BEHAVIORAL RELATIONSHIPS** ControlFlow from Request Order to Show List Of Gas