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IIITG

# Table of Contents

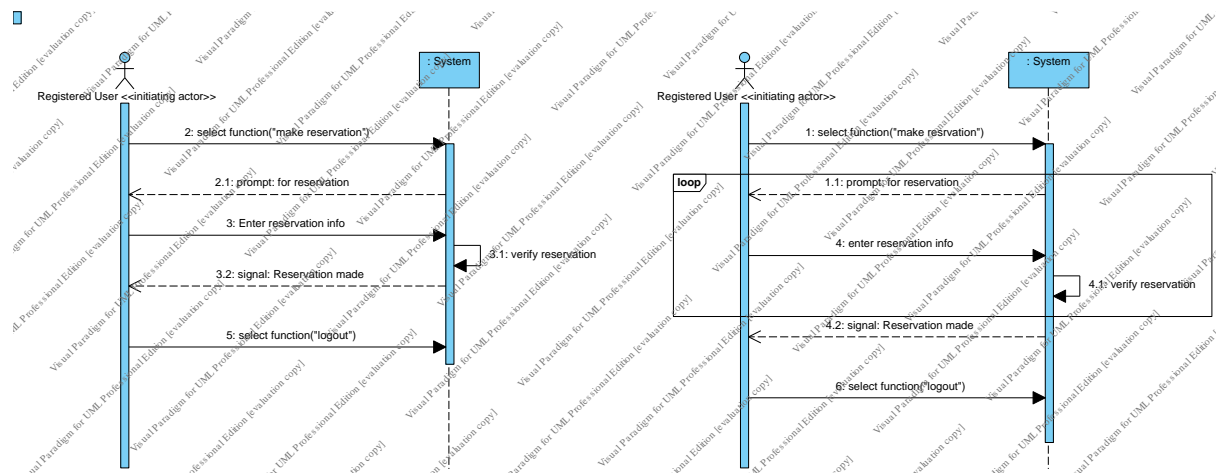
Sequence Diagram1.....	4
Sequence Diagram2.....	19
Sequence Diagram3.....	32
Sequence Diagram4.....	51

# Table of Figures

Sequence Diagram1.....	4
Sequence Diagram2.....	19
Sequence Diagram3.....	32
Sequence Diagram4.....	51

## Sequence Diagram

# Sequence Diagram1



Name	Value
Name	Sequence Diagram1
Author	IIITG
Create Date Time	Feb 13, 2017 3:30:11 PM
Last Modified	Feb 15, 2017 4:18:37 PM

## Summary

Name	Documentation
Registered User <<initiating actor>>	
: System	
Registered User <<initiating actor>>	
: System	
Operand	
CombinedFragment	

## Details





## Registered User <<initiating actor>>



Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 4:02:57 PM	
Last Modified	Feb 13, 2017 4:23:31 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

## Relationships

select function("make reservation") : Message		
To	Name	Value
	End Model Element	N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:03:26 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:03:26 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: for reservation	
Type	Message	
Sequence Number	2	
Asynchronous	false	

Enter reservation info : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:05:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:05:09 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: Reservation made	
Type	Message	
Sequence Number	3	
Asynchronous	false	


select function("logout") : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:22:07 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:22:07 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5	
Asynchronous	false	

prompt: for reservation : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:04:41 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:04:41 PM	
Last Modified	Feb 13, 2017 11:04:13 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:04:41 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
signal: Reservation made : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:21:43 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:21:43 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:21:43 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


## : System


Name	Value
Author	IIITG
Create Date Time	Feb 13, 2017 4:03:26 PM
Last Modified	Feb 13, 2017 4:34:02 PM
Quality Score	Good
Multiplicity	Unspecified
Base Classifier	System
Active	false
Stopped	false
Multi Object	false



## Relationships


verify reservation : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:20:58 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:20:58 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	3.1	
Asynchronous	false	



prompt: for reservation : Message		
To	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:04:41 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:04:41 PM	
Last Modified	Feb 13, 2017 11:04:13 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:04:41 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

signal: Reservation made : Message		
To	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:21:43 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:21:43 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:21:43 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



select function("make reservation") : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:03:26 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:03:26 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: for reservation	
Type	Message	
Sequence Number	2	
Asynchronous	false	
Enter reservation info : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:05:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:05:09 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: Reservation made	
Type	Message	
Sequence Number	3	
Asynchronous	false	


select function("logout") : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:22:07 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:22:07 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5	
Asynchronous	false	


## Registered User <<initiating actor>>


Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 4:22:36 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	

## Relationships

select function("make reservation") : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:10 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:25:10 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: for reservation	
Type	Message	
Sequence Number	1	
Asynchronous	false	
enter reservation info : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:28:17 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:28:17 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: Reservation made	
Type	Message	
Sequence Number	4	
Asynchronous	false	

select function("logout") : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:44 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:30:44 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6	
Asynchronous	false	

prompt: for reservation : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:49 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:25:49 PM	
Last Modified	Feb 13, 2017 11:04:13 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:50 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



signal: Reservation made : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:25 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:30:25 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:25 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	





## : System

Name	Value
Author	IIITG
Create Date Time	Feb 13, 2017 4:24:57 PM
Last Modified	Feb 13, 2017 4:34:02 PM
Quality Score	Good
Multiplicity	Unspecified
Base Classifier	System
Active	false
Stopped	false
Multi Object	false


## Relationships


signal: Reservation made : Message		
To	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:25 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:30:25 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:25 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
verify reservation : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:29:50 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:29:50 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	4.1	
Asynchronous	false	

prompt: for reservation : Message		
To	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:49 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:25:49 PM	
Last Modified	Feb 13, 2017 11:04:13 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:50 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

select function("make resrvation") : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:25:10 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:25:10 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: for reservation	
Type	Message	
Sequence Number	1	
Asynchronous	false	



enter reservation info : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:28:17 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:28:17 PM	
Last Modified	Feb 13, 2017 4:34:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: Reservation made	
Type	Message	
Sequence Number	4	
Asynchronous	false	

select function("logout") : Message		
From	Name	Value
	End Model Element	 Registered User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:30:44 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:30:44 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6	
Asynchronous	false	



## Operand

Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 4:31:34 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Guard	Name	Value
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:31:34 PM





## CombinedFragment

Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 4:31:34 PM	
Last Modified	Feb 13, 2017 4:44:34 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Operator Kind	loop	

## Interaction Operands

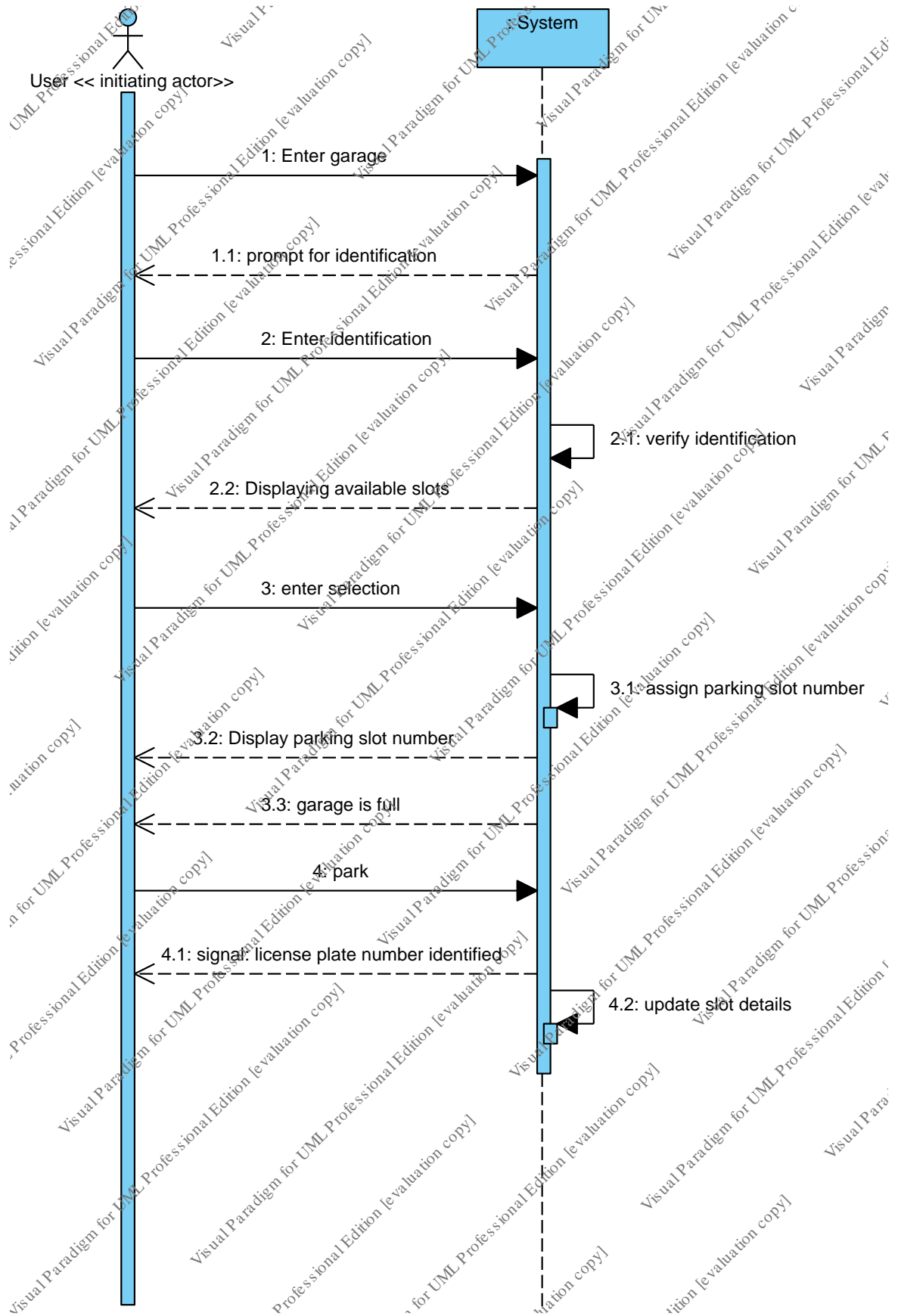
Value
Operand

## Covered LifeLines

Name	Documentation
 Registered User <<initiating actor>>	
 N/A	



## Sequence Diagram

# Sequence Diagram2



Name	Value
Name	Sequence Diagram2
Author	IIITG
Create Date Time	Feb 13, 2017 4:33:19 PM
Last Modified	Feb 15, 2017 2:50:57 PM

## Summary



Name	Documentation
 User << initiating actor>>	
 : System	


## Details


### User << initiating actor>>



Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 4:33:25 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


## Relationships


Enter garage : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:34:55 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:34:55 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt for identification	
Type	Message	
Sequence Number	1	
Asynchronous	false	
Enter identification : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:53 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:43:53 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Displaying available slots	
Type	Message	
Sequence Number	2	
Asynchronous	false	

enter selection : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:46:19 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:46:19 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Display parking slot number	
Type	Message	
Sequence Number	3	
Asynchronous	false	


park : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:29:20 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:29:20 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: license plate number identified	
Type	Message	
Sequence Number	4	
Asynchronous	false	

signal: license plate number identified : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:54:03 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:54:03 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:54:03 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
Display parking slot number : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:51:57 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:51:57 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:51:57 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

Displaying available slots : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:45:49 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:45:49 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:45:49 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

garage is full : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:37:03 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:37:03 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:37:04 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	





prompt for identification : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:43:20 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	





## : System


Name	Value
Author	IIITG
Create Date Time	Feb 13, 2017 4:33:55 PM
Last Modified	Feb 15, 2017 2:45:46 PM
Quality Score	Good
Multiplicity	Unspecified
Base Classifier	System
Active	false
Stopped	false
Multi Object	false


## Relationships


garage is full : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:37:03 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:37:03 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:37:04 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
verify identification : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:45:01 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:45:01 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	2.1	
Asynchronous	false	


Displaying available slots : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:45:49 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:45:49 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:45:49 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



assign parking slot number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:32:04 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:32:04 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Recursive Message	
Sequence Number	3.1	
Asynchronous	false	


prompt for identification : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:43:20 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


Display parking slot number : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:51:57 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:51:57 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:51:57 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

update slot details : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:35:43 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:35:43 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Recursive Message	
Sequence Number	4.2	
Asynchronous	false	

signal: license plate number identified : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:54:03 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:54:03 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:54:03 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

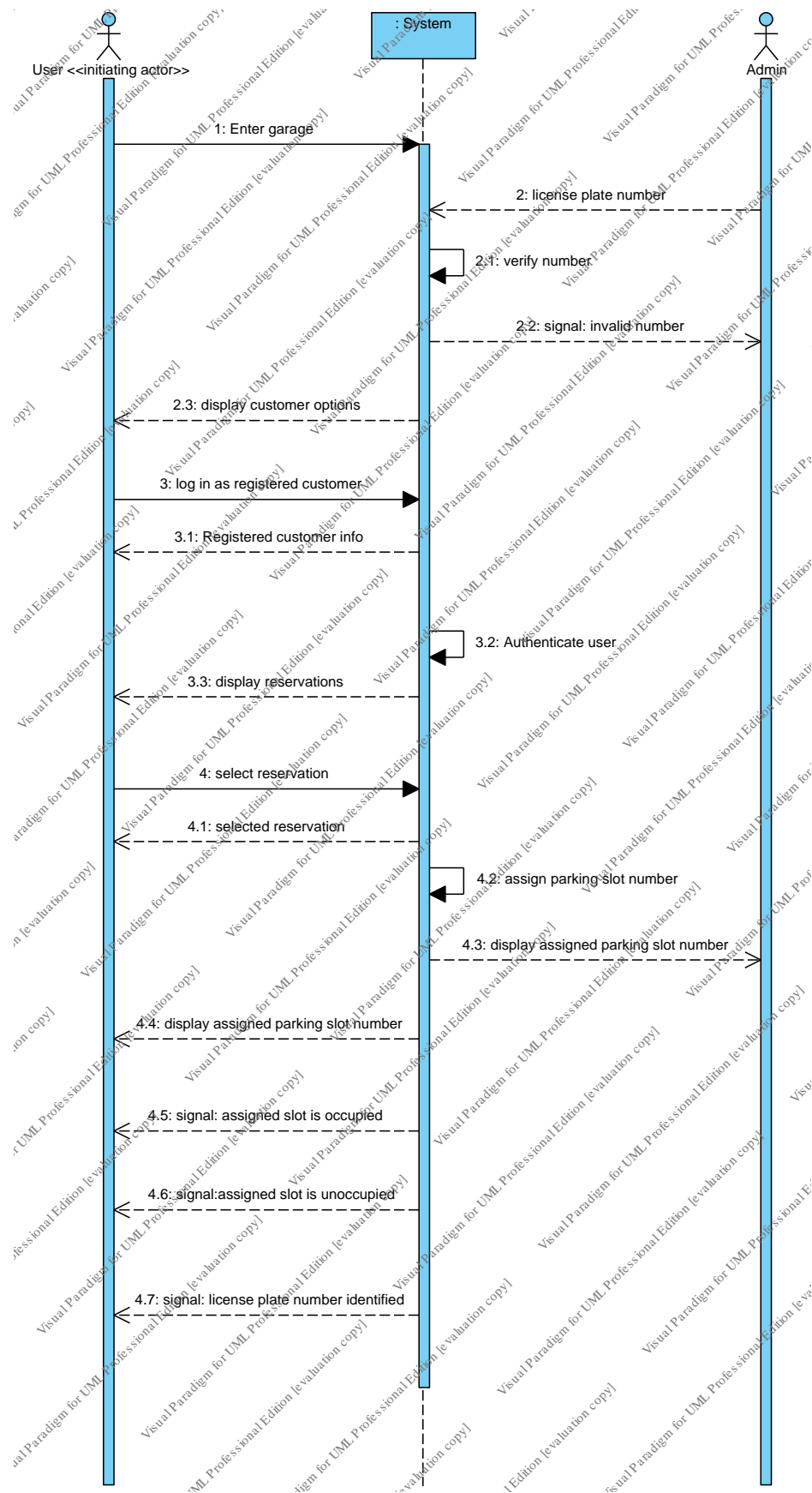
Enter garage : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:34:55 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:34:55 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt for identification	
Type	Message	
Sequence Number	1	
Asynchronous	false	
Enter identification : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:43:53 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:43:53 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Displaying available slots	
Type	Message	
Sequence Number	2	
Asynchronous	false	

enter selection : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 4:46:19 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 4:46:19 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Display parking slot number	
Type	Message	
Sequence Number	3	
Asynchronous	false	

park : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:29:20 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:29:20 PM	
Last Modified	Feb 15, 2017 2:45:46 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: license plate number identified	
Type	Message	
Sequence Number	4	
Asynchronous	false	

## Sequence Diagram




# Sequence Diagram3





Name	Value
Name	Sequence Diagram3
Author	IIITG
Create Date Time	Feb 13, 2017 10:02:16 PM
Last Modified	Feb 15, 2017 2:27:50 PM

## Summary



Name	Documentation
 User <<initiating actor>>	
 : System	
 Admin	


## Details


### User <<initiating actor>>


Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 10:04:05 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


## Relationships


Enter garage : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:05:04 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:05:04 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	
log in as registered customer : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:10:50 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:10:50 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Registered customer info	
Type	Message	
Sequence Number	3	
Asynchronous	false	


select reservation : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:31 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:14:31 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ selected reservation	
Type	Message	
Sequence Number	4	
Asynchronous	false	


signal: license plate number identified : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:22:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:22:09 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.7	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:22:09 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


signal: assigned slot is occupied : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:18 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:21:18 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.5	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:18 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


display customer options : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:09:07 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:09:07 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:09:07 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

signal:assigned slot is unoccupied : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:45 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:21:45 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.6	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:45 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

display assigned parking slot number : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:17:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:17:20 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.4	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:17:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

display reservations : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:14:09 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:10 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

Registered customer info : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:12:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:12:20 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:12:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



selected reservation : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:15:05 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:15:05 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:15:05 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	




## : System


Name	Value
Author	IIITG
Create Date Time	Feb 13, 2017 10:04:43 PM
Last Modified	Feb 15, 2017 2:35:02 PM
Quality Score	Good
Multiplicity	Unspecified
Base Classifier	System
Active	false
Stopped	false
Multi Object	false


## Relationships


display assigned parking slot number : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:17:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:17:20 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.4	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:17:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
selected reservation : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:15:05 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:15:05 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:15:05 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	





signal: assigned slot is occupied : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:18 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:21:18 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.5	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:18 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


Registered customer info : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:12:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:12:20 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:12:20 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


display assigned parking slot number : Message		
To	Name	Value
	End Model Element	 Admin
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:16:53 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:16:53 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:16:53 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


Authenticate user : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:13:25 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:13:25 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	3.2	
Asynchronous	false	


display customer options : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:09:07 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:09:07 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:09:07 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


verify number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:06:40 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:06:40 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	2.1	
Asynchronous	false	


signal: license plate number identified : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:22:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:22:09 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.7	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:22:09 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


signal:assigned slot is unoccupied : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:45 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:21:45 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.6	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:21:45 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


display reservations : Message		
To	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:14:09 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:10 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


signal: invalid number : Message		
To	Name	Value
	End Model Element	 Admin
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:07:19 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:07:19 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:07:19 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

assign parking slot number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:15:33 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:15:33 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	4.2	
Asynchronous	false	

Enter garage : Message		
From	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:05:04 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:05:04 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

select reservation : Message		
From	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:14:31 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:14:31 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ selected reservation	
Type	Message	
Sequence Number	4	
Asynchronous	false	

license plate number : Message		
From	Name	Value
	End Model Element	 Admin
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:06:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:06:09 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:06:09 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



log in as registered customer : Message		
From	Name	Value
	End Model Element	 User <<initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:10:50 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:10:50 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ Registered customer info	
Type	Message	
Sequence Number	3	
Asynchronous	false	


## Admin

Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 10:05:26 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	



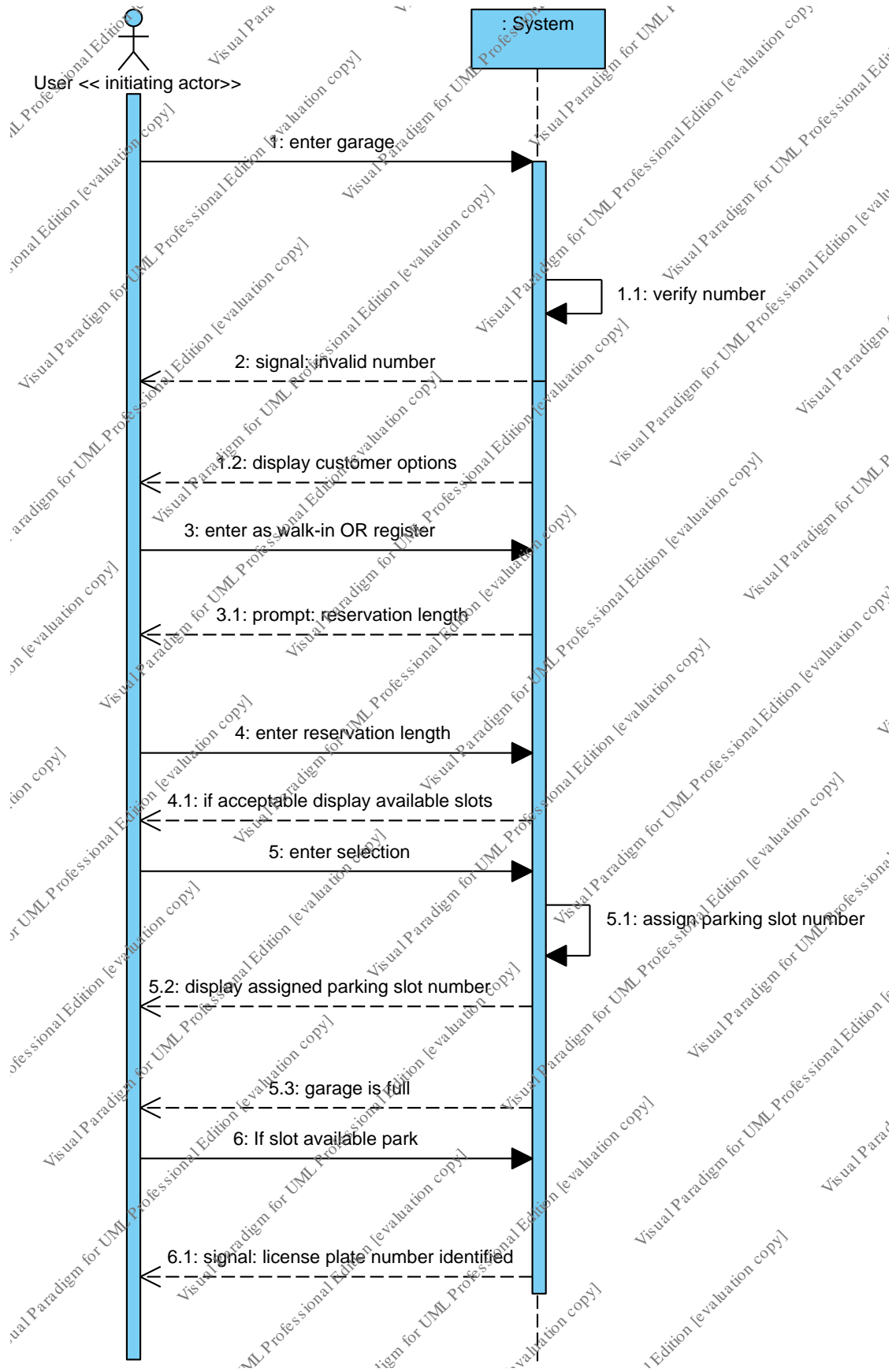
## Relationships

license plate number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:06:09 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:06:09 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:06:09 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	
display assigned parking slot number : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:16:53 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:16:53 PM	
Last Modified	Feb 15, 2017 2:35:02 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:16:53 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

signal: invalid number : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:07:19 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:07:19 PM	
Last Modified	Feb 13, 2017 10:43:11 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:07:19 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



## Sequence Diagram

# Sequence Diagram4



Name	Value
Name	Sequence Diagram4
Author	IIITG
Create Date Time	Feb 13, 2017 10:32:43 PM
Last Modified	Feb 15, 2017 3:06:17 PM

## Summary



Name	Documentation
 User << initiating actor>>	
 : System	


## Details


### User << initiating actor>>


Name	Value	
Author	IIITG	
Create Date Time	Feb 13, 2017 10:32:48 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Visibility	public	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Active	false	
Business Model	false	


## Relationships

enter garage : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:34:57 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:34:57 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	
enter as walk-in OR register : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:49:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:49:20 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: reservation length	
Type	Message	
Sequence Number	3	
Asynchronous	false	


enter reservation length : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:39:46 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:39:46 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ if acceptable display available slots	
Type	Message	
Sequence Number	4	
Asynchronous	false	

enter selection : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:49:25 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:49:25 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ display assigned parking slot number	
Type	Message	
Sequence Number	5	
Asynchronous	false	


If slot available park : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:51:26 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:51:26 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: license plate number identified	
Type	Message	
Sequence Number	6	
Asynchronous	false	


if acceptable display available slots : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:48:02 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:48:02 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:48:02 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


signal: invalid number : Message		
From	Name	Value
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:04 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:38:04 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:04 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


garage is full : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:24 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:46:24 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:24 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	



display assigned parking slot number : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:44:36 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:44:36 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:44:36 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

display customer options : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:47 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:38:47 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:47 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


prompt: reservation length : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:54:08 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:54:08 PM	
Last Modified	Feb 15, 2017 3:07:17 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:54:08 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


signal: license plate number identified : Message		
From	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:46 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:46:46 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:46 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


## : System


Name	Value
Author	IIITG
Create Date Time	Feb 13, 2017 10:33:26 PM
Last Modified	Feb 15, 2017 2:56:47 PM
Quality Score	Good
Multiplicity	Unspecified
Base Classifier	System
Active	false
Stopped	false
Multi Object	false


## Relationships


garage is full : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:24 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:46:24 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.3	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:24 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


verify number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:35:51 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:35:51 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	1.1	
Asynchronous	false	


display assigned parking slot number : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:44:36 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:44:36 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	5.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:44:36 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


display customer options : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:47 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:38:47 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1.2	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:38:47 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


if acceptable display available slots : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:48:02 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:48:02 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	4.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:48:02 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


prompt: reservation length : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:54:08 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:54:08 PM	
Last Modified	Feb 15, 2017 3:07:17 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	3.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:54:08 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	

signal: license plate number identified : Message		
To	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:46 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:46:46 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	6.1	
Action Type	Name	Value
	Name	Return
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:46:46 PM
	Iteration	false
	Asynchronous	false
Asynchronous	false	


assign parking slot number : Message		
To	Name	Value
	End Model Element	 N/A
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:43:57 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:43:57 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Self Message	
Sequence Number	5.1	
Asynchronous	false	


enter garage : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:34:57 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:34:57 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Type	Message	
Sequence Number	1	
Asynchronous	false	

enter as walk-in OR register : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:49:20 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:49:20 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ prompt: reservation length	
Type	Message	
Sequence Number	3	
Asynchronous	false	

enter reservation length : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 13, 2017 10:39:46 PM
Author	IIITG	
Create Date Time	Feb 13, 2017 10:39:46 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ if acceptable display available slots	
Type	Message	
Sequence Number	4	
Asynchronous	false	



enter selection : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:49:25 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:49:25 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ display assigned parking slot number	
Type	Message	
Sequence Number	5	
Asynchronous	false	

If slot available park : Message		
From	Name	Value
	End Model Element	 User << initiating actor>>
	Author	IIITG
	Create Date Time	Feb 15, 2017 2:51:26 PM
Author	IIITG	
Create Date Time	Feb 15, 2017 2:51:26 PM	
Last Modified	Feb 15, 2017 2:56:47 PM	
Quality Score	Fair	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
Return Message	→ signal: license plate number identified	
Type	Message	
Sequence Number	6	
Asynchronous	false	