Model::customs.ir

User *(italic)*
- username
- password
- national id
- first name
- last name
- access list: List<access>

Employee

Adminstrator

Organization Agent
- organization name

Senior Employee

Declaration
- declare date
- id
- current status: Status
- source country
- transport type: transport

Permission
- permit date
- id
- total value
- source country
- transport type: transport
- good name
- good producer
- good count

Rule
- creator national id
- creation date: Date
- rule id
- enforcement start date: Date
- enforcement end date: Date
- source country[*]
- min good weight
- max good weight
- min good count
- max good count
- merchant national id[*]
- transport type: Map<transport, Boolean>
- good name[*]
- good producer[*]
- min total value
- max total value

Good
- name
- weight
- count
- unit price
- producer

Merchant
- national id
- first name
- lastname

License
- title
- validity duration

pending
1   *
1   issued   *

1
Issued By

has
1..*
1   1

*

ownes
belongs to
1   1
1
belongs to

1   of
1
1   *   1
requires

Model::Collaboration1::CreateDeclarationSSD::CreateDeclaration

User **System**

interaction CreateDeclaration

signIn(username, password)

HomeWindow

loop new

ShowCreateDeclarationForm()

DeclarationForm

loop add good

AddNewGoodForm()

GoodForm

SubmitForm(DecalarationForm)

findMerchant()

setDate

generateID

ID

signOut()

loginWindow

Contract:
operation:createDeclaration
(merchant, price, sourceCountry,
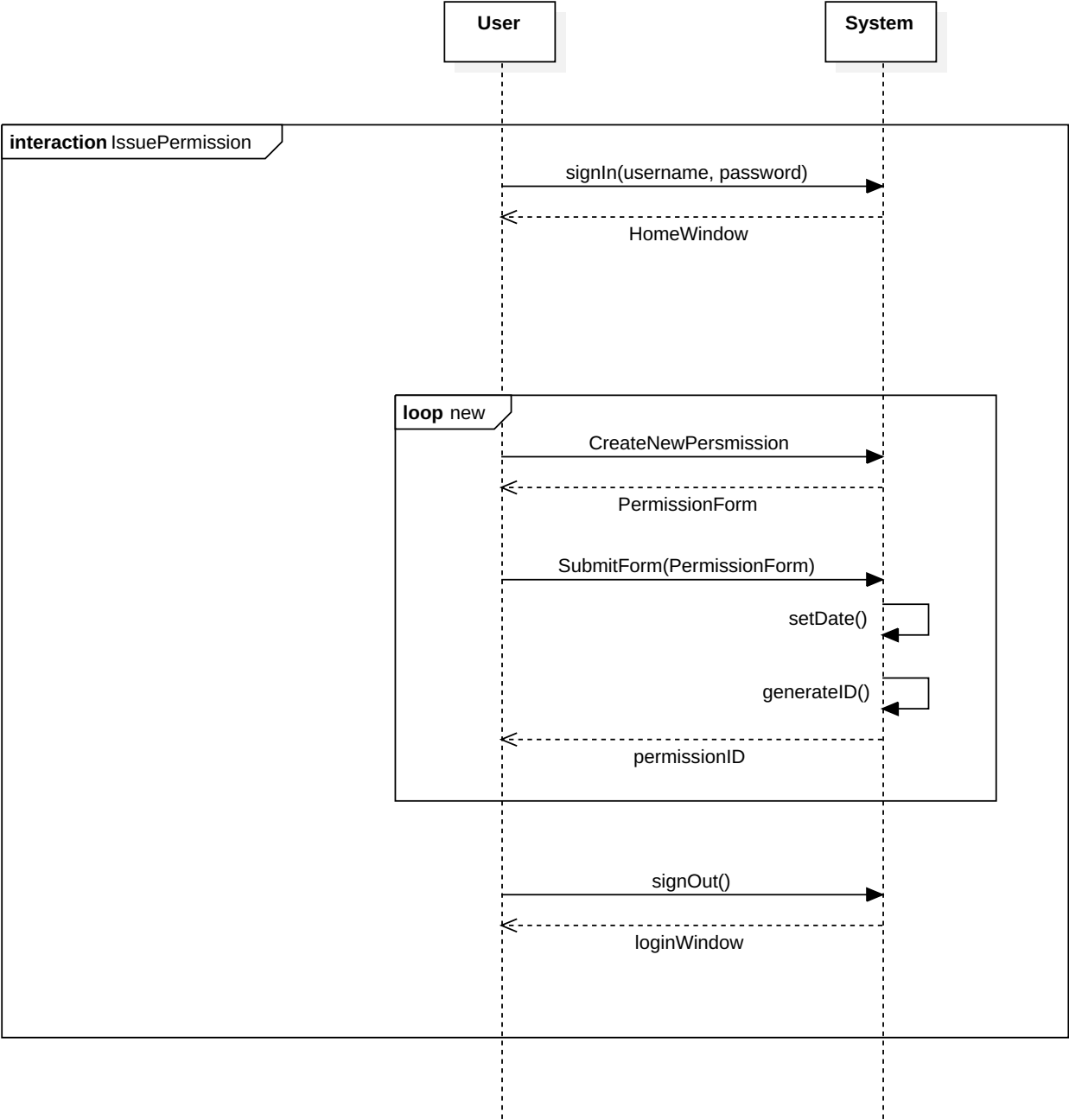transportType, ListOfGoods)
Cross Reference: usecase

Pre-conditons:
-
Post-conditions:
 -
                      |
             .
 -             |

 -                                    |

(
                   ...)
 -

               .

Model::Collaboration2::IssuePermissionSSD::IssuePermission

User **System**

interaction IssuePermission

signIn(username, password)

HomeWindow

loop new

CreateNewPersmission

PermissionForm

SubmitForm(PermissionForm)

setDate()

generateID()

permissionID

signOut()

loginWindow

Contract:
operation:issuePermission
(license, merchant, validityDuration,
sourceCountry, transportType,
goods)
Cross Reference: usecase

Pre-conditons:
-

-                                    |

Post-conditions:
 -
 -

 -