

Collaboration - Simple Payment

Overview

Simple Payment provides a function that manages Simple Payment information.

Description

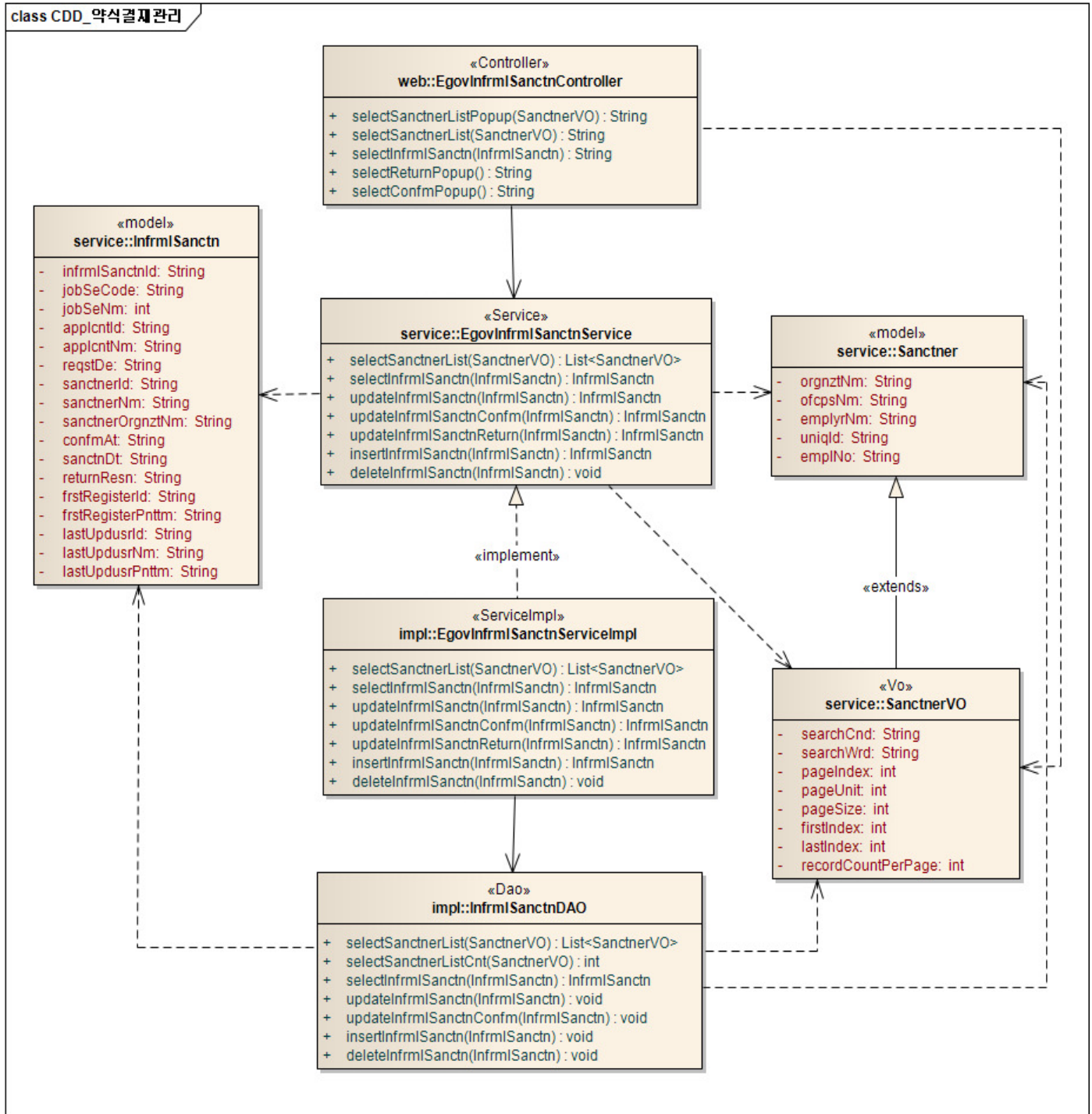
- **Simple Payment** aims to manage Simple Payment information and also provides functions of registering, deleting, inquiring, approving and rejecting Simple Payment information.
 - ① Simple Payment registration: register Simple Payment information and inquiry results.
 - ② Simple Payment deletion: delete registered Simple Payment information.
 - ③ Simple Payment detail inquiry: inquire registered Payment information.
 - ④ Simple Payment approval: approves registered Simple Payment information.
 - ⑤ Simple Payment rejection: reject registered Simple Payment information.

Related sources

| Type | Target source names | Notes |
|-------------|---|---|
| Controller | egovframework.com.uss.ion.ism.web.EgovInfrmlSanctnController.java | controller class for Simple Payment |
| Service | egovframework.com.uss.ion.ism.service.EgovInfrmlSanctnService.java | Service Interface for Simple Payment |
| ServiceImpl | egovframework.com.uss.ion.ism.service.impl.EgovInfrmlSanctnServiceImpl.java | Service implementation class for Simple Payment |
| DAO | egovframework.com.uss.ion.ism.service.impl.InfrmlSanctnDAO.java | Data processing class for Simple Payment |
| Model | egovframework.com.uss.ion.ism.service.Sanctner.java | Model class for approver management |
| Model | egovframework.com.uss.ion.ism.service.InfrmlSanctn.java | Model class for Simple Payment |
| VO | egovframework.com.uss.ion.ism.service.SanctnerVO.java | VO class for reporter management |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovSanctnerList.jsp | jsp page for approver list inquiry |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovSanctnerListPopup.jsp | jsp page for approver popup list inquiry |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovConfmPopup.jsp | jsp page for Simple Payment approval |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovReturnPopup.jsp | jsp page for Simple Payment rejection |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovInfrmlSanctnRegist.jsp | jsp page for Simple Payment |

| | | |
|-----|---|--|
| | | registration |
| JSP | /WEB-INF/jsp/egovframework/uss/ion/ism/EgovInfrmlSanctnDetail.jsp | jsp page for registered simple payment inquiry |
| XML | /egovframework/sqlmap/com/uss/ion/ism/EgovInfrmlSanctn_SQL_*.xml | Simple Payment QUERY XML |

Class Diagram



Related Tables

| Table name | Table name (English) | Note |
|----------------------------|----------------------|---|
| Simple Payment information | COMTNINFRMLSANCTN | Define and manage the property information to manage Simple Payment information |

ID Generation

- In order to use ID Generation Service, add **INFRML_SANCTN** to COMTECOPSEQ, the sequence storing table.

```
INSERT INTO COMTECOPSEQ VALUES('INFRML_SANCTN','0');
```

Usage

ServiceImpl (register, delete, approve and reject the approver)

According to the basic work flow of Simple Payment, approver should be registered during the application. The UI screen should process the approver registration as a requirement.

In the business registration processing logic, call the approver registration of Simple Payment service (EgovInfrmlSanctnService) and map the tasks with the model VO fields of Simple Payment ^㉑ model VO.

In order to apply Simple Payment to the work, insert the following logic into ServiceImpl and modify it to fit the work situation.

First import Simple Payment service (EgovInfrmlSanctnService).

```
import egovframework.com.uss.ion.ism.service.EgovInfrmlSanctnService;
import egovframework.com.uss.ion.ism.service.InfrmlSanctn;
    @Resource(name="EgovInfrmlSanctnService")
    protected EgovInfrmlSanctnService infrmlSanctnService;
```

Then map the object with EgovInfrmlSanctnService Model entries.

```
/**
 * Convert Object model to InfrmlSanctn model.
 * @param Object
 * @return InfrmlSanctn
 * @param object
 */
private InfrmlSanctn convertToInfrmlSanctnObject(Object object) throws Exception{
    InfrmlSanctn infrmlSanctn = new InfrmlSanctn();
    infrmlSanctn.setJobSeCode("001");
    infrmlSanctn.setApplcntId(object.getUsid()); // User ID
    infrmlSanctn.setReqstDe(object.getReqstDe()); // Application date
    infrmlSanctn.setSanctnerId(object.getSanctnerId()); // Approver ID
    infrmlSanctn.setConfmAt(object.getConfmAt()); // Approval/disapproval
    infrmlSanctn.setSanctnDt(object.getSanctnDt()); // Approval date
    infrmlSanctn.setReturnResn(object.getReturnResn()); // Reason for rejection
    infrmlSanctn.setFrstRegisterId(object.getFrstRegisterId()); //fist registerer ID
    object.setFrstRegisterPnttm(object.getFrstRegisterId());
    infrmlSanctn.setLastUpdusrId(object.getLastUpdusrId()); //final modifier ID
    infrmlSanctn.setLastUpdusrPnttm(object.getLastUpdusrPnttm());
    infrmlSanctn.setInfrmlSanctnId(object.getInfrmlSanctnId()); // Simple PaymentID
    return infrmlSanctn;
}
```

Insert the following logic to **Register Method**.

Business code (common code – COM75), user ID, application date, approver, ID, first registerer ID and final modifier ID are the required fields.

When processing is completed in Simple Payment method, Simple PaymentID and approval/disapproval are determined.

```
InfrmlSanctn infrmlSanctn = infrmlSanctnService.insertInfrmlSanctn(convertToInfrmlSanctnObject(object));
object.setInfrmlSanctnId(infrmlSanctn.getInfrmlSanctnId());
```

```
object.setConfmAt(infrmlSanctn.getConfmAt());
```

Insert the following logic in to **the delete method**.

Simple PaymentID, application date, user ID and approver ID are required fields.

```
infrmlSanctnService.deleteInfrmlSanctn(convertToInfrmlSanctnObject(ctsnnManage));
```

Insert the following logic in to **the approve method**.

Simple PaymentID, application date, userID, approver ID and approval/disapproval are required fields.

```
infrmlSanctn = infrmlSanctnService.updateInfrmlSanctnConfm(convertToInfrmlSanctnObject(ctsnnManage));
```

Insert the following logic in to **the reject method**.

Simple PaymentID, application date, userID, approver ID and approval/disapproval are required fields.

```
infrmlSanctn = infrmlSanctnService.updateInfrmlSanctnReturn(convertToInfrmlSanctnObject(ctsnnManage));
```

JSP/Script

Application screen

Insert the following code on the screen.

```
<jsp:include page="/WEB-INF/jsp/egovframework/uss/ion/ism/EgovInfrmlSanctnRegist.jsp" flush="true"/>
```

Modify/Detail/Approve screen

Insert following code on the screen

* The object is the Model VO of relevant task.

```
<jsp:include page="/uss/ion/ism/selectInfrmlSanctn.do" flush="true">
<jsp:param name="infrmlSanctnId" value="${ object.infrmlSanctnId}"/>
</jsp:include>
```

Approve/Reject screen

On the approve screen, Simple Payment's approve popup (reject popup) is called and the reason of approval (rejection) is registered and then the handing of approval (rejection) is processed.

```
/* *****
* Open the popup window for approval handling
* fncCtsnnReturn
* param rejection classification
***** */
function fncConfmCtsnnManage(){
    var varForm      = document.all[ "ctsnnManage" ];

    var arrParam = new Array(4);
    arrParam[ 0 ] = window;
    arrParam[ 1 ] = "Apply for rewards - approve";
    arrParam[ 2 ] = "returnResn";
    arrParam[ 3 ] = "confmAt";

    window.showModalDialog("/uss/ion/ism/EgovConfmPopup.do",
arrParam,"dialogWidth=780px;dialogHeight=170px;resizable=yes;center=yes");
}
```

```

/* *****
* Approval handling screen
***** */
function fncConfm() {
    var varFrom = document.getElementById("ctsnnManage");
    varFrom.confmAt.value = "C";
    varFrom.action = "<c:url value='/uss/ion/ctn/updtCtsnnConfm.do'/>";
if(!validateCtsnnManage(varFrom)){
    return;
} else{
    varFrom.submit();
}
}

/* *****
* Open the popup window for rejection handling
* fncCtsnnReturn
* param rejection classification
***** */
function fncReturnCtsnnManage(){
    var varForm      = document.all[ "ctsnnManage" ];

    var arrParam = new Array(4);
    arrParam[ 0 ] = window;
    arrParam[ 1 ] = "apply for family event expenses - reject";
    arrParam[ 2 ] = "returnResn";
    arrParam[ 3 ] = "confmAt";

    window.showModalDialog("/uss/ion/ism/EgovReturnPopup.do",
arrParam,"dialogWidth=780px;dialogHeight=170px;resizable=yes;center=yes");
}

/* *****
* Rejection handling screen
***** */
function fncReturn() {
    var varFrom = document.getElementById("ctsnnManage");
    varFrom.confmAt.value = "R";
    varFrom.action = "<c:url value='/uss/ion/ctn/updtCtsnnConfm.do'/>";
if(!validateCtsnnManage(varFrom)){
    return;
} else{
    varFrom.submit();
}
}

```

Related Screen and Execution Manual

Simple Payment registration

| Action | URL | Controller method | QueryID |
|----------|---------------------------------|--------------------|--------------------------------------|
| Register | /uss/ion/ism/addInfrmlSanctn.do | insertInfrmlSanctn | "InfrmlSanctnDAO.insertInfrmlSanctn" |

Enter and register the property information of Simple Payment.

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소속

Simple Payment detail inquiry

| Action | URL | Controller method | QueryID |
|-------------------|------------------------------------|--------------------|--------------------------------------|
| Inquire in detail | /uss/ion/ism/selectInfrmISanctn.do | selectInfrmISanctn | "InfrmISanctnDAO.selectInfrmISanctn" |
| delete | | deleteInfrmISanctn | "InfrmISanctnDAO.deleteInfrmISanctn" |

Inquire the property information of Simple Payment.

승인권자명 * TEST1

승인여부 승인

의견

소속 테스트조직1

승인일자 2010-09-17 11:15:22

Simple Payment approval

| Action | URL | Controller method | QueryID |
|---------|--------------------------------|-------------------|-------------------------------------|
| approve | /uss/ion/ism/EgovConfmPopup.do | confmInfrmISanctn | "InfrmISanctnDAO.confmInfrmISanctn" |

Modify and store the property information of Simple Payment.

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Approve: modify the registered Simple Payment properties and press **Approve button** on the top.

Close: close the screen.

Simple Payment 반려

| Action | URL | Controller method | QueryID |
|--------|---------------------------------|--------------------|--------------------------------------|
| reject | /uss/ion/ism/EgovReturnPopup.do | returnInfrmISanctn | "InfrmISanctnDAO.returnInfrmISanctn" |

Modify and save the property information of Simple Payment.

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| 반려사유 * | |
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Reject: modify the registered Simple Payment properties and press **Reject button** on the top.

Close: close the screen.
