

Summary

The schedule management service provides the service for the users to manage plans on the seminar, lecture, education, meeting and other schedules more easily and conveniently through inquiring and managing schedules by day and week. When the schedule is registered, each schedule is created in the designated period and when it is deleted, all schedules are deleted regardless of the period.

In registering schedules, the compulsory items are tested by the validator rule which is applied by pre-define validator-rules.kl and validator.xml. The schedule management service is a mobile common component developed based on HTML5, jQuery and jQM (jQuery mobile).

For more details, please refer to mobile operation environment guide at <http://www.egovframe.go.kr/html/egovframework/mb/mguide/mguide.html>.

For the component related css, the basic EgovMobile.css, egovBoard.css, and ussCommon.css are used. Moreover, the commonly supported jAlert and jPassword are used which are defined in the jsfiles below.

EgovMobile.js
EgovCom.js

Subject of Support

The development and tests of this component was completed on the browsers for the mobile devices. Caution may be taken in developing and applying since the support for PC and mobile browsers may vary.

The subject devices include mobile devices such as GalaxyS2, GalaxyS, GalaxyTab, iPad2 and iPhone4. The mobile browsers used are basic browser for Android, Firefox, Safari, and Opera Mobile was used.

Android

For the test device, GalaxyS, GalaxyS2 and GalaxyTab are used.

For the browser, the Android's basic browsers, Firefox (6.xx) and Opera Mobile were used.

- Android OS 2.3 (GengerBread) : Supported the operation of HTML5, CSS3 and the component stably
- Android OS 2.1 (Eclair), 2.2 (Froyo) : The realization of UI was not successful due to lack of HTML5, CSS3 resources.

However, for Opera Mobile, there was partial problem in processing colors or events. It was excluded from the subject of support.

iOS

The iPhone4 and iPad2 are used as the test devices.

- iOS 4.2, 4.3 :Both versions supported the HTML5 and CSS3 relatively successfully.

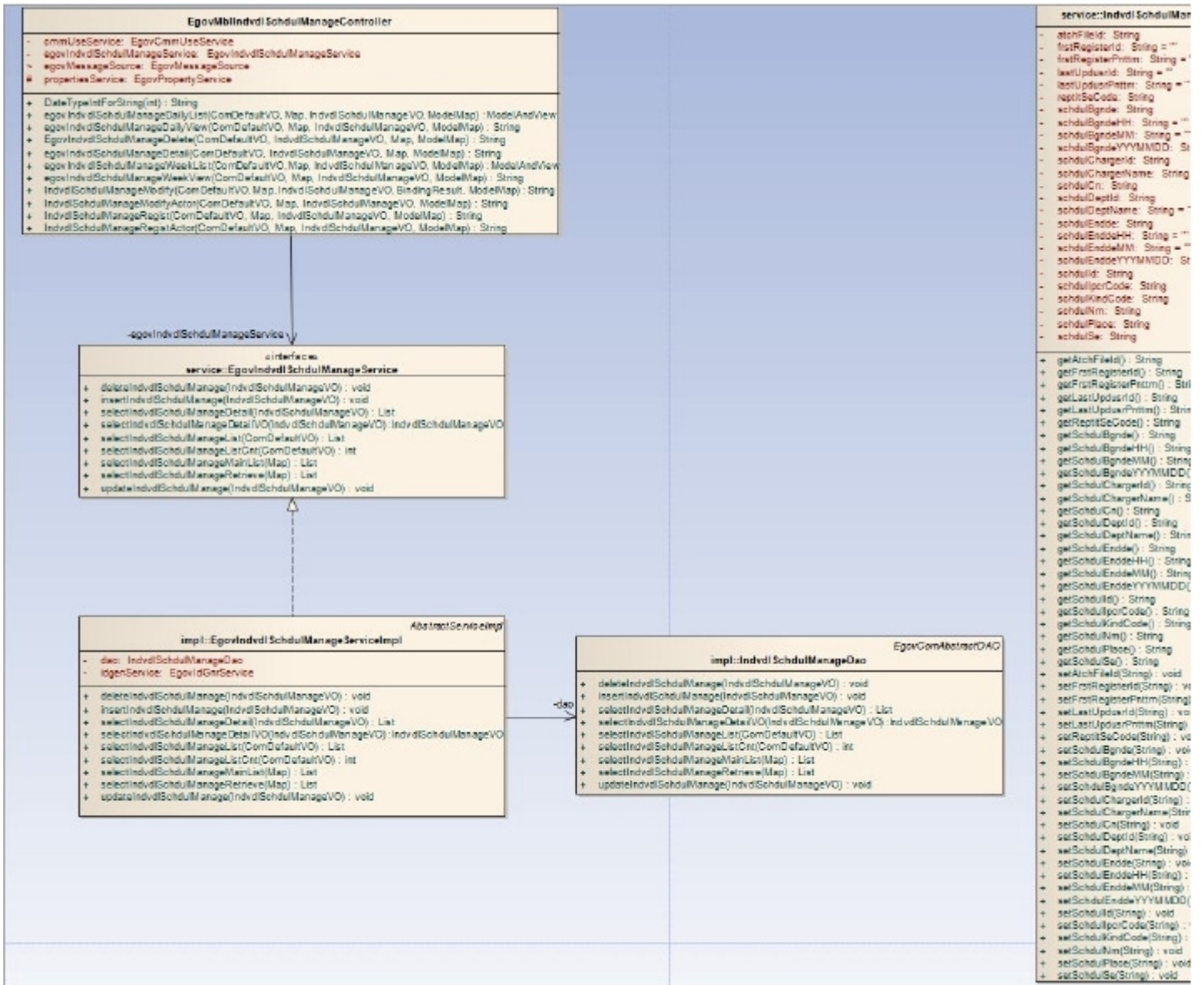
Function Flow



Description

The scrap function is composed of schedule register, list inquiry, detailed inquiry and update functions.

Class diagram



Related Source

Type	Source	Remarks
Controller	egovframework.com.cop.smt.sim.web.EgovIndvdlSchdulManageController.java	Controller class for schedule management
Controller	egovframework.mbl.com.cop.smt.sim.web.EgovMblIndvdlSchdulManageController.java	Controller class for mobile schedule management
Service	egovframework.com.cop.smt.sim.service.EgovIndvdlSchdulManageService.java	Service interface for schedule management
VO	egovframework.com.cop.smt.sim.service.IndvdlSchdulManageVO.java	Service realization class for schedule management
VO	egovframework.com.cmm.ComDefaultVO.java	Search VOclass for schedule management
ServiceImpl	egovframework.com.cop.smt.sim.service.impl.EgovIndvdlSchdulManageServiceImpl.java	ServiceImpl Class for the schedule management
DAO	egovframework.com.cop.smt.sim.service.impl.IndvdlSchdulManageDao.java	Dao Class for the schedule management
JSP	/WEB-INF/jsp/egovframework/com/cop/smt/sim/EgovIndvdlSchdulManageList.jsp	List inquiry page for schedule management
JSP	/WEB-INF/jsp/egovframework/com/cop/smt/sim/EgovIndvdlSchdulManageRegist.jsp	Registration page for schedule management
JSP	/WEB-INF/jsp/egovframework/com/cop/smt/sim/EgovIndvdlSchdulManageModify.jsp	Revision page for schedule management
JSP	/WEB-INF/jsp/egovframework/com/cop/smt/sim/EgovIndvdlSchdulManageDetail.jsp	Detailed inquiry page for schedule management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sim/EgovIndvdlSchdulManageList.jsp	List inquiry mobile page for schedule management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sim/EgovIndvdlSchdulManageRegist.jsp	Registration mobile page for schedule management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sim/EgovIndvdlSchdulManageModify.jsp	Revision mobile page for schedule management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sim/EgovIndvdlSchdulManageDetail.jsp	Detailed inquiry mobile page for schedule management
QUERY XML	/egovframework/sqlmap/com/cop/smt/sim/EgovIndvdlSchdulManage.xml	QUERY XML for schedule management
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML that defined the validator rule
Validator XML	resources/egovframework/validator/com/cop/smt/sim/EgovIndvdlSchdulManage.xml	Validator XML for schedule management
Message properties	resources/egovframework/message/message-common_ko_KR.properties	Message properties for schedule management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id generation Idgen XML for schedule management

ID Generation

- To use the ID Generation Service, SCDUL_IDS should be added to the sequence storage table, COMTECOPSEQ.

```

CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
next_id DECIMAL(30) NOT NULL,
PRIMARY KEY (table_name));
INSERT INTO COMTECOPSEQ VALUES('SCHDUL_ID','0');
  
```

Related Table

Name	Name (English)	Remarks
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Related function

Weekly list for schedule management

Business rule

The pre-registered schedule management information can be searched as the list format. By clicking register, it will move to the registration screen.

Choose the condition of search and click back or next button to inquire information.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Search weekly schedule	/cop/smt/sim/EgovIndvdlSchdulManageWeekList.mdo	EgovIndvdlSchdulManageWeekList	"IndvdlSchdulManage.selectIndvdlSchdulManageRetrieve"
Register schedule	/cop/smt/sim/EgovIndvdlSchdulManageRegist.mdo	IndvdlSchdulManageRegist	
Detailed inquiry of schedule	/cop/smt/sim/EgovIndvdlSchdulManageDetail.mdo	EgovIndvdlSchdulManageDetail	"IndvdlSchdulManage.selectIndvdlSchdulManageDetail"



The first screen shows the meeting schedule of the week.

Other schedules such as meeting, seminar, lecture, and education can be searched by selecting the condition.

Home: move to home.

Register: move to schedule management registration screen

Back: Search schedules of the past week

Next: Search schedules of the next week

Schedule: move to the detailed schedule inquiry screen

Daily list for schedule management

Business rule

The pre-registered schedule management information can be searched by the list format. By clicking register, it will move to the registration screen.

Choose the date and the condition to inquire schedule information.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Search daily schedule	/cop/smt/sim/EgovIndvdlSchdulManageDailyList.mdo	EgovIndvdlSchdulManageDailyList	"IndvdlSchdulManage.selectIndvdlSchdulManageRetrieve"
Register schedule	/cop/smt/sim/EgovIndvdlSchdulManageRegist.mdo	IndvdlSchdulManageRegist	
Detailed inquiry of	/cop/smt/sim/EgovIndvdlSchdulManageDetail.mdo	EgovIndvdlSchdulManageDetail	"IndvdlSchdulManage.selectIndvdlSchdulManageDetail"



The first screen shows the meeting schedule today.
Other schedules such as meeting, seminar, lecture, and education can be searched by selecting the condition.

Home: move to home.

Register: move to schedule management registration screen

Back: Search schedules of the past day

Next: Search schedules of the next day

Schedule: move to the detailed schedule inquiry screen

Detailed schedule management inquiry

Business rule

This is a screen that is moved from the schedule management list screen or overall schedule list screen and it displays detailed information on the schedule.
It can move to journal management list inquiry screen as well as update and delete the list and inquire list.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/sim/EgovIndvdlSchdulManageDailyView.mdo	EgovIndvdlSchdulManageDailyView	
	/cop/smt/sim/EgovIndvdlSchdulManageWeekView.mdo	EgovIndvdlSchdulManageWeekView	
Delete	/cop/smt/sdm/EgovIndvdlSchdulManageDelete.mdo	EgovIndvdlSchdulManageDelete	"IndvdlSchdulManage.deleteDiaryManage"
			"IndvdlSchdulManage.deleteIndvdlSchdulManage"
Update	/cop/smt/sim/EgovIndvdlSchdulManageModify.mdo	IndvdlSchdulManageModify	



- Back: move to the schedule management list or overall schedule list screen
- Journal Management: move to the journal management list screen
- Update: move to schedule management screen by clicking the update button on the bottom
- Delete: delete by clicking the delete button on the bottom
- List: move to the schedule management list screen

Schedule management registration

Business rule

This inputs and saves basic information on schedule management. The information on departments and responder input in registration can be chosen from the department list dialog and responder list dialog.

The SCHEDUL_ID column in saving is generated automatically given Primary Key → SCHEDUL_ID(20 digits) : SCHEDUL_(7 digits) +number (13 digits) via "egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"

```

<!--IdGnrService... START-->
<bean name="diaryManageIdGnrService"
  class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
  destroy-method="destroy">
  <property name="dataSource" ref="dataSource" />
  <property name="strategy" ref="IndvIdSchdulManageInfotategy" />
  <property name="blockSize" value="10"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="SCHEDUL_ID"/>
</bean>
<bean name="IndvIdSchdulManageInfotategy"
  class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="DIARY_" />
  <property name="ciphers" value="14" />
  <property name="fillChar" value="0" />
</bean>
<!--IdGnrService... END-->

```

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/sim/EgovInDvdlSchdulManageDailyView.mdo	EgovInDvdlSchdulManageDailyView	
	/cop/smt/sim/EgovInDvdlSchdulManageWeekView.mdo	EgovInDvdlSchdulManageWeekView	
Save	/cop/smt/sim/EgovInDvdlSchdulManageRegistActor.mdo	IndvIdSchdulManageRegistActor	"IndvIdSchdulManageInsertIndvIdSchdulManage"
Department	/uss/olp/mgt/EgovMeetingManageLisAuthorGroupPopupView.mdo	EgovMeetingManageLisAuthorGroupPopupView	
Responder	/uss/olp/mgt/EgovMeetingManageLisEmpLyrPopupView.mdo	EgovMeetingManageLisEmpLyrPopupView	



Back: Move to schedule management list screen
 Save: input schedule management information is stored
 List: move to schedule management list screen

Updateschedule management

Business rule

Stores updated schedule management information. The information on departments and responder input in registration can be chosen from the department list dialog and responder list dialog.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/sim/EgovIndvdlSchdulManageDailyView.mdo	EgovIndvdlSchdulManageDailyView	
	/cop/smt/sim/EgovIndvdlSchdulManageWeekView.mdo	EgovIndvdlSchdulManageWeekView	
Save	/cop/smt/sim/EgovIndvdlSchdulManageModifyActor.mdo	IndvdlSchdulManageModifyActor	"IndvdlSchdulManage.updateIndvdlSchdulManage"
Department	/cop/smt/sdm/EgovDeptSchdulManageModifyActor.mdo	EgovMeetingManageLisAuthorGroupPopupView	
Responder	/uss/olp/mgt/EgovMeetingManageLisEmpLyrPopupView.mdo	EgovMeetingManageLisEmpLyrPopupView	



Back: Move to schedule management list screen
 Update: Updated schedule management information is stored
 List: move to schedule management list screen

Settings and Notes

* HTML5 and CSS3 are applied on the mobile common component currently distributed. It does not correspond to the validation test of the mobile websites of Mobile OK and W3C. Contact specialized institutions for more information on the validation test.

* Validation test on currently distributed mobile common component is now in progress. We will try our best to complete the validation test as soon as possible and realize new version with the security patch.

Reference

- Refer to schedule management (existing web version): [Schedule management](#)
- Refer to operation environment : [ID Generation Service](#)
- Distribution and testing : [Mobile Common Component System and distribution package composition](#)