Cooperation – Department schedule management

Summary

This component 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/mbl/mguide/mguide.html>.

Commonly supported jAlert, and datebox for date and time are used which are defined in the jsfiles below.

EgovMobile.js

jquery.mobile.datebox.js

The css related to components excluding EgovMobile.css are as following

egovBoard.css

ussCommon.css

The department schedule management service provides the service for the member of the department 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 department 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 department schedules, the compulsory items are tested by the validator rule which is applied by pre-define validator-rules.kl and validator.xml.

Details are explained below.

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 device.

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

Function Flow

Description

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

Class diagram



Related Source

Type

C ontroller

C ontroller

Service

VO

VO

Source

egovframework.com.cop.smt.sdm.web.EgovDeptSchdulManageC ontroller.java

egovframework.mbl.com.cop.smt.sdm.web.EgovMblDeptSchdulManageC ontroller.java

egovframework.com.cop.smt.sdm.service.EgovDeptSchdulManageService.java

egovframework.com.cop.smt.sdm.service.DeptSchdulManageVO.java

egovframework.com.cmm.C omDefaultVO.java

Remarks

Controller class for department schedule management

Controller class for mobile department schedule management

Service class for department schedule management

VO Class for department department schedule management

Search VO class

ServiceImpl

egovframework.com.cop.smt.sdm.service.impl.EgovDeptSchdulManageServiceImpl.java ServiceImpl Class for the department schedule management

DAO

JSP

JSP

JSP

JSP

JSP

egovframework.com.cop.smt.sdm.service.impl.DeptSchdulManageDao.java

/WEB-INF/jsp/egovframework/com/cop/smt/sdm/EgovDeptSchdulManageList.jsp

/WEB-INF/jsp/egovframework/com/cop/smt/sdm/EgovDeptSchdulManageRegist.jsp

/WEB-INF/jsp/egovframework/com/cop/smt/sdm/EgovDeptSchdulManageModify.jsp

/WEB-INF/jsp/egovframework/com/cop/smt/sdm/EgovDeptSchdulManageDetail.jsp

/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sdm/EgovDeptSchdulManageList.jsp

Dao Class for the department schedule management

List inquiry page for department schedule management

Registration page for department schedule management

Revision page for department schedule management

Detailed inquiry page for department schedule management

List inquiry mobile page for department schedule management

JSP

JSP

/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sdm/EgovDeptSchdulManageRegist.jsp Registration mobile page for department schedule management

/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sdm/EgovDeptSchdulManageModify.jsp Revision mobile page for department schedule management

JSP

QUERY XML

/WEB-INF/jsp/egovframework/mbl/com/cop/smt/sdm/EgovDeptSchdulManageDetail.jsp

/egovframework/sqlmap/com/cop/smt/sdm/EgovDeptSchdulManage.xml

Detailed inquiry mobile page for department schedule management

QUERY XML for department 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/sdm/EgovDeptSchdulManage.xml

Validator XML for department schedule management

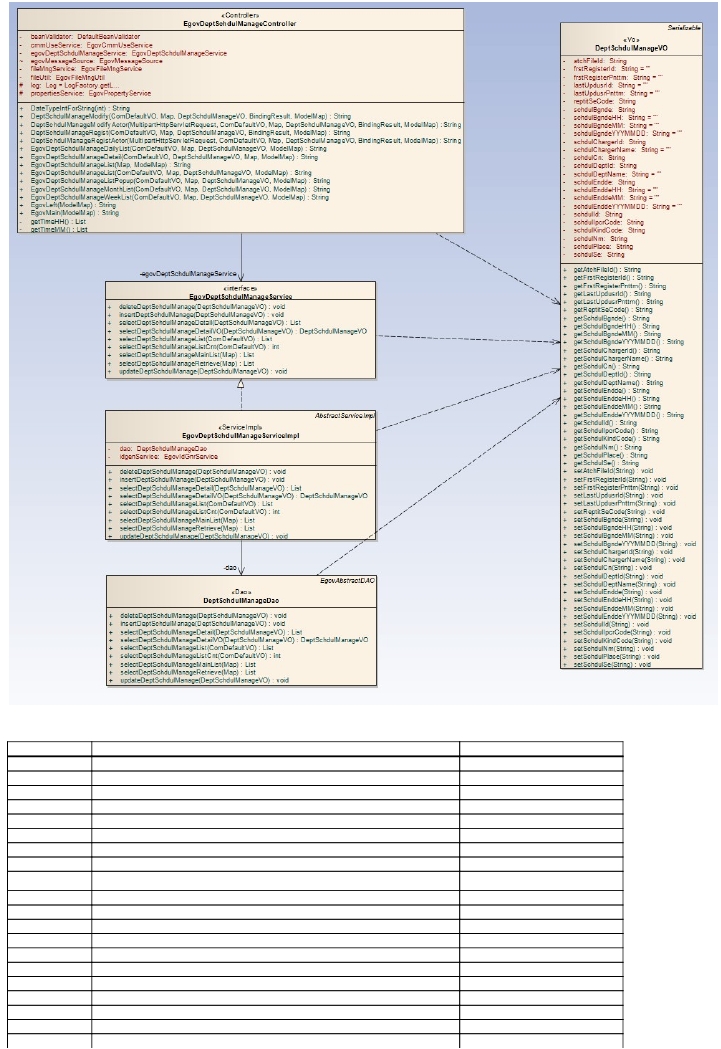
Message properties resources/egovframework/message/message-common\_ko\_KR.properties

Message properties for department schedule management

Idgen XML

resources/egovframework/spring/context-idgen.xml

Id generation Idgen XML for department schedule management



ID Generation

To use the ID Generation Service, SCHDUL\_ID 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

Related function

Weekly list for department schedule management

Business rule

The pre-registered department 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

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 department schedule management registration screen

Choose Conditions: shows the schedules for date and chosen condition.

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 department schedule management





|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Search weekly schedule | /cop/smt/sdm/EgovDeptSchdulManageWeekList.mdo | EgovDeptSchdulManageWeekList | “DeptSchdulManage.selectDeptSchdulManageRetrieve” |
| Schedule management list | /cop/smt/sdm/EgovDeptSchdulManageRegist.mdo | DeptSchdulManageRegist |  |
| Detailed schedule management information | /cop/smt/sim/EgovIndvdlSchdulManageDetail.mdo | EgovIndvdlSchdulManageDetail | “IndvdlSchdulManage.selectIndvdlSchdulManageDetail” |

|  |  |  |
| --- | --- | --- |
| Name | Name (English) | Remarks |
| Schedule management | C OMTNSC HDULINFO | Manages schedules |

Business rule

The pre-registered department 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

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 departmentschedule management registration screen

Choose Conditions: shows the schedules for date and chosen condition.

Appoint Dates: shows the schedules for the chosen date and condition

Schedule: move to the detailed department schedule inquiry screen

Detailed schedule management inquiry

Business rule

This is a screen that is moved from the department schedule management 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/sdm/EgovDeptSchdulManageDailyView.mdo | EgovDeptSchdulManageDailyView |  |
|  | /cop/smt/sdm/EgovDeptSchdulManageWeekView.mdo | EgovDeptSchdulManageWeekView |  |
| Delete | /cop/smt/sdm/EgovDeptSchdulManageDelete.mdo | EgovDeptSchdulManageDelete | “DeptSchdulManage.deleteDiaryManage” |
|  |  |  | “DeptSchdulManage.deleteDeptSchdulManage” |
| Update | /cop/smt/sdm/EgovDeptSchdulManageModifyView.mdo | DeptSchdulManageModifyView |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Search daily schedule | /cop/smt/sdm/EgovDeptSchdulManageDailyList.mdo | EgovDeptSchdulManageDailyList | “IndvdlSchdulManage.selectIndvdlSchdulManageRetrieve” |
| Register schedule management | /cop/smt/sim/EgovIndvdlSchdulManageRegist.mdo | IndvdlSchdulManageRegist |  |
| Detailed inquiry of schedule management | /cop/smt/sim/EgovIndvdlSchdulManageDetail.mdo | EgovIndvdlSchdulManageDetail | “IndvdlSchdulManage.selectIndvdlSchdulManageDetail” |

Back: move to the department schedule management list or overall schedule list screen

Journal Management: move to the journal management list screen

Update: move to department 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 department schedule management list screen

Schedule management registration

Business rule

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

The SCHDUL\_ID column in saving is generated automatically given Primary Key ⇒ SCHDUL\_ID(20 digits) : SCHDUL\_(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="DeptSchdulManageInfotrategy" />

<property name="blockSize"

<property name="table"

<property name="tableName"

value="10"/>

value="COMTECOPSEQ"/>

value="SCHDUL\_ID"/>

</bean>

<bean name="DeptSchdulManageInfotrategy"

class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">

<property name="prefix" value="DIARY\_" />

<property name="cipers" 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/sdm/EgovDeptSchdulManageDailyView.mdo | EgovDeptSchdulManageDailyView |  |
|  | /cop/smt/sdm/EgovDeptSchdulManageWeekView.mdo | EgovDeptSchdulManageWeekView |  |
| Save | /cop/smt/sdm/EgovDeptSchdulManageRegistActor.mdo | DeptSchdulManageRegistActor | “DeptSchdulManage.insertDeptSchdulManage” |
| Dialogue | /uss/olp/mgt/EgovMeetingManageLisAuthorGroupPopupView.mdo | EgovMeetingManageLisAuthorGroupPopupView |  |
|  | /uss/olp/mgt/EgovMeetingManageLisEmpLyrPopupView.mdo | EgovMeetingManageLisEmpLyrPopupView |  |

Back: Move to department schedule management list screen

Save: input department schedule management information is stored

List: move to department schedule management list screen

Update schedule management

Business rule

Stores updated department 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 |  |









|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| List | /cop/smt/sdm/EgovDeptSchdulManageDailyView.mdo | EgovDeptSchdulManageDailyView |  |
|  | /cop/smt/sdm/EgovDeptSchdulManageWeekView.mdo | EgovDeptSchdulManageWeekView |  |
| Save | /cop/smt/sdm/EgovDeptSchdulManageModifyActor.mdo | DeptSchdulManageModifyActor | “DeptSchdulManage.updateDeptSchdulManage” |
| Dialogue | /uss/olp/mgt/EgovMeetingManageLisAuthorGroupPopupView.mdo | EgovMeetingManageLisAuthorGroupPopupView |  |
|  | /uss/olp/mgt/EgovMeetingManageLisEmpLyrPopupView.mdo | EgovMeetingManageLisEmpLyrPopupView |  |

Back: Move to department schedule management list screen

Update: updated department schedule management information is stored

List: move to department 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 department schedule management (existing web version): Department schedule management

Refer to operation environment : ID Generation Service

Distribution and testing : Mobile Common Component System and distribution package composition



