Cooperation - Community Function

Summary

Through the community function service, the user can create, join and withdraw from the club. It provides basic community services including guest book, gallery, notice board,

general board and library. This package should be distributed and applied with the guest board package and cooperation common package.

The community function 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/mbl/mguide/mguide.html>.

For the component related css, the basic EgovMobile.css, egovBoard.css, ussCommon.css are used.

Moreover, the commonly supported jAlert is used which is defined in the jsfiles below.

EgovMobile.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 device.

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

Function Flow

Description

Community function provides functions of join and withdrawal, inquire and manage the guest book, and inquire images through the gallery.

Class Diagram



Related Source

Related Source (Manager menu related)

Type

C ontroller

C ontroller

C ontroller

C ontroller

Service

Service

Service

Service

Source

egovframework.com.cop.bbs.web.EgovBBSAttributeManageC ontroller.java

egovframework.com.cop.com.web.EgovC opUserInfC ontroller.java

egovframework.com.cop.com.web.EgovBBSUseInfoManageC ontroller.java

egovframework.com.cop.clb.web.EgovC lubManageC ontroller.java

egovframework.com.cop.bbs.service.EgovBBSAttributeManageService.java

egovframework.com.cop.com.service.EgovUserInfManageService.java

egovframework.com.cop.com.service.EgovBBSUseInfoManageService.java

egovframework.com.cop.clb.service.EgovC lubManageService.java

Remark

Controller class for community related board management

Controller class for community relate user management

Controller class for community related board user management

Controller class for community related society management

Service interface for community related board management

Service interface for community related user management

Service interface for community related board utilization management

Service interface for community related society management

ServiceImpl egovframework.com.cop.bbs.service.impl.EgovBBSAttributeManageServiceImpl.java Service realization class for community related board management

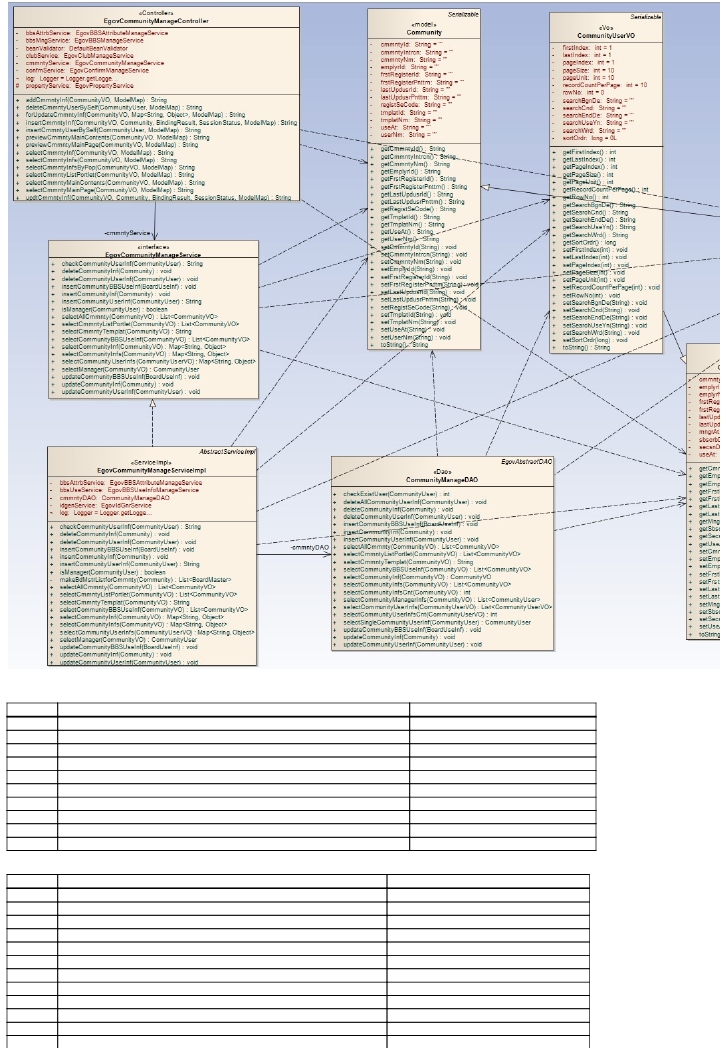
ServiceImpl egovframework.com.cop.com.service.impl.EgovUserInfManageServiceImpl.java

Service realization class for community related user management

ServiceImpl egovframework.com.cop.com.service.impl.EgovBBSUseInfoManageServiceImpl.java Service realization class for community related board utilization management

ServiceImpl egovframework.com.cop.clb.service.impl.EgovC lubManageServiceImpl.java

Service realization class for community related society management



|  |  |  |
| --- | --- | --- |
| Type | Source | Remarks |
| C ontroller | egovframework.com.cop.cmy.web.EgovC ommunityManageC ontroller.java | Controller class for community management |
| C ontroller | egovframework.mbl.com.cop.cmy.web.EgovMblC ommunityManageC ontroller.java | Controller class for community management |
| Service | egovframework.com.cop.cmy.service.EgovC ommunityManageService.java | Service interface for community management 인터페이스 |
| ServiceImpl | egovframework.com.cop.cmy.service.impl.EgovC ommunityManageServiceImpl.java | Service realization class for community management |
| VO | egovframework.com.cop.cmy.service.C ommunity.java | Model class for community management |
| VO | egovframework.com.cop.cmy.service.C ommunityVO.java | VO class for community management |
| DAO | egovframework.com.cop.cmy.service.impl.C ommunityManageDAO.java | Data processing class for community management |
| JSP | /WEB-INF/jsp/egovframework/com/cop/com/template/EgovC mmntyBaseTmpl.jsp | Main screen jsp page for community basic template |
| JSP | /WEB-INF/jsp/egovframework/com/cop/com/template/EgovC mmntyBaseTmplC ontents.jsp | Main screen contents jsp page for community basic template |
| Query XML | resources/egovframework/sqlmap/com/cop/cmy/EgovC mmnty\_SQL.xml | Query for community management |

|  |  |  |
| --- | --- | --- |
| VO | egovframework.com.cop.bbs.service.BoardMaster.java | Model class for community related board management r |
| VO | egovframework.com.cop.bbs.service.BoardMasterVO.java | VO class for community related board management |
| VO | egovframework.com.cop.com.service.UserInfVO.java | VO class for community related user management |
| VO | egovframework.com.cop.com.service.BoardUseInf.java | Model class for community related board utilization management |
| VO | egovframework.com.cop.com.service.BoardUseInfVO.java | VO class for community related board utilization management |
| VO | egovframework.com.cop.clb.service.C lub.java | Model class for community related society management |
| VO | egovframework.com.cop.clb.service.C lubVO.java | VO class for community related society management |
| DAO | egovframework.com.cop.bbs.service.impl.BBSAttributeManageDAO.java | Data processing class for community related board management |
| DAO | egovframework.com.cop.com.service.impl.EgovUserInfManageDAO.java | Data processing class for community related user management |
| DAO | egovframework.com.cop.com.service.impl.BBSUseInfoManageDAO.java | Data processing class for community related board utilization management |
| DAO | egovframework.com.cop.clb.service.impl.C lubManageDAO.java | Data processing class for community related society management |
| JSP | /WEB-INF/jsp/egovframework/com/cop/bbs/EgovBBSListByTrget.jsp | Screen jsp page for community related board management |
| JSP | /WEB-INF/jsp/egovframework/com/cop/com/EgovUserList.jsp | Screen jsp page for community related user management |
| JSP | /WEB-INF/jsp/egovframework/com/cop/com/EgovBdUseInfListByTrget.jsp | Screen jsp page for community related board utilization management |
| JSP | /WEB-INF/jsp/egovframework/com/cop/clb/EgovC lubListByTrget.jsp | Screen jsp page for community related society management |
| Query XML | resources/egovframework/sqlmap/com/cop/bbs/EgovBBSMaster\_SQL.xml | Query for community related board management |
| Query XML | resources/egovframework/sqlmap/com/cop/com/EgovUserInf\_SQL.xml | Query for community related user management |
| Query XML | resources/egovframework/sqlmap/com/cop/com/EgovBBSUse\_SQL.xml | Query for community related board utilization management |
| Query XML | resources/egovframework/sqlmap/com/cop/com/EgovC lub\_SQL.xml | Query for community related society management |

Related Table

|  |  |  |
| --- | --- | --- |
| Name | Name (English) | Remarks |
| Community Property | C OMTNC MMNTY | Manages properties information of the community |
| Community User | C OMTNC MMNTYUSER | Manages community users |
| Template | C OMTNTMPLATINFO | Template management |

Related reference source and tables are as following:

Board function: refer to board description

Environmental settings

To use the board, the board must be created through the board management function and when the new community is created, the basic boards are created as following:

|  |  |  |  |
| --- | --- | --- | --- |
| Board | Type | Property | Remarks |
| Guest Book | Guest Book | General Board |  |
| Notice Board | Notice Board | Effective Board | Date of starting and ending |
| Free Board | General Board | General Board |  |
| Reference | General Board | General Board |  |
| Gallery | General Board | Gallery |  |

For types and properties of boards, refer to board management function.

Manual

Community Main Screen

Business Rule

The list of boards provided by the community can be inquired and it provides the member join-in and withdrawal function.

The main screen for the community can be accessed from the following URL.

/cop/cmy/CmmntyMainPage.mdo?cmmntyId=커 뮤 니 티ID

Related Code

N/A

Screen and execution manual

|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Board | /cop/cmy/C mmntyMainPage.mdo | selectC mmntyMainPage | “BBSAttributeManageDAO.selectAllBdMstrByTrget” |
| Community |  |  | “C lubManageDAO.selectC lubListPortletByTrget” |



Home: move to home

Menu: move to corresponding screen

Join: displays member join-in completed message

Withdraw: display member withdrawal completed message

Guest Book

Business Rule

On the guest book list screen, there are list inquiry, register and update, delete options.

Write guest book screen lets you register and update the guest book in one screen.

Next is the URL to access the guest book.

/cop/bbs/selectGuestList.mdo?bbsId=방 명 록ID&bbsAttrbCode=방 명 록 속 성

Related Codes

N/A

Screen and execution manual

Guest Book List

|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Guest book properties | /cop/bbs/selectGuestList.mdo | selectGuestList | “BBSAttributeManageDAO.selectBBSMasterInf” |
| Guest book list |  |  | “BBSManageDAO.selectBoardArticleList” |
| Update | /cop/cmt/updateC omment.mdo | updateC ommentList | “BBSC ommentDAO.updateC omment” |
| Delete | /cop/cmt/deleteC omment.mdo | deleteC omment | “BBSC ommentDAO.deleteC omment” |

Home

Register

Update

Delete :

Move to home

Move to the guest book registration screen

Move to the guest book revision screen

Displays message to confirm the deletion and delete the guest book

Register and Update Guest Book

Back: move to guest book list screen

Save: stores the input or revised information

Initialize: initializes the input information

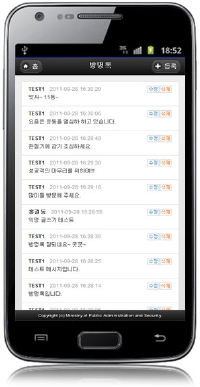
Gallery

Business Rule

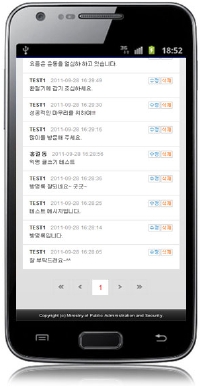
The gallery supports viewing images (BMP, JPG, GIF, PNG format image files) with the board function. In mobile, the image attachment function is not provided in registering posts.

The screen on the gallery can be accessed from the below URL.

/cop/bbs/selectBoardList.mdo?bbsId=게 시 판ID&bbsAttrbCode=게 시 판 속 성







Related Code

N/A

Screen and execution manual

|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Gallery Properties | /cop/bbs/selectGuestList.mdo | selectAnonymousBoardArticles | “BBSAttributeManageDAO.selectBBSMasterInf” |
| Gallery List |  |  | “BBSManageDAO.selectBoardArticleList” |
| Detailed Gallery List | /cop/bbs/selectBoardArticle.mdo | selectBoardArticle | “BBSManageDAO.selectBoardArticle” |

Back

Update

Delete

List

Move to screen gallery list inquiry

Move to gallery update screen

Displays deletion confirmation message and delete the content in the gallery

Move to screen gallery list inquiry

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 board management (existing web version): board management

Refer to community management (existing web version): community management

Refer to community utilization (existing web version): community utilization

Refer to community template (existing web version): community template

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

