

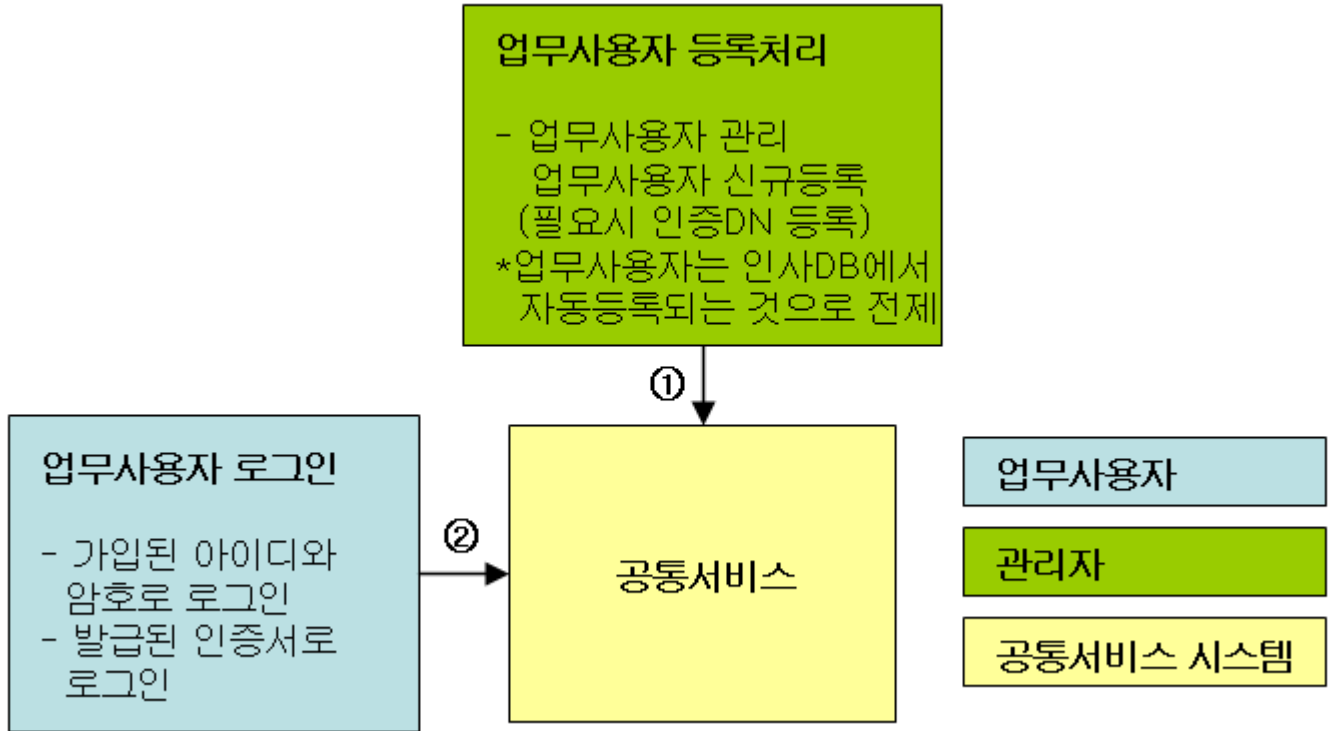
User Management

Summary

This service provides following features: user list, user register, user detail view, user update, user password change, user delete features.

- Feature Flow

Feature name	Feature flow
User registration and System usage	①User registration by admin → ②System Login via user id or certificate



Description

Package Dependency

User, Corporate Member, Member package have direct functional reference to common package (cmm) and system package (sim). However, for executing without errors in component distribution, the distribution package should include format/date/calculation package, real name check package, postal code package.

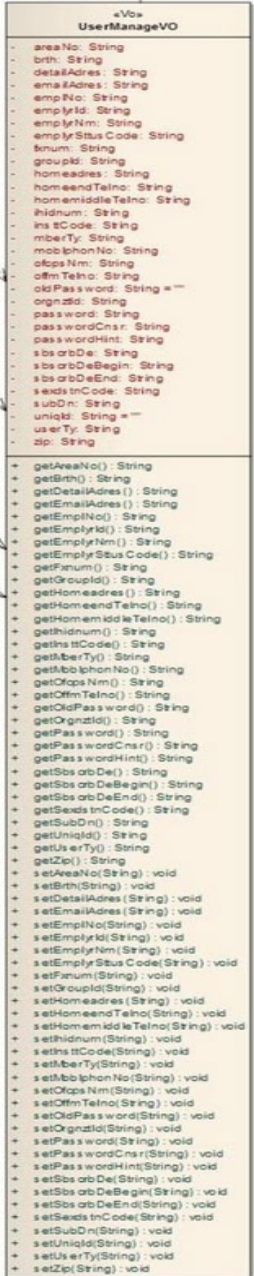
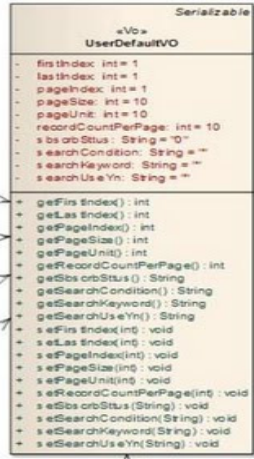
- Package Dependency: [Package Dependency on User Support](#)

Related Source

Type	Target Source Name	Remarks
Controller	egovframework.com.uss.umat.web.EgovUserManageController.java	UM(User Management) Controller Class
Service	egovframework.com.uss.umat.service.EgovUserManageService.java	UM Service Interface
ServiceImpl	egovframework.com.uss.umat.service.impl.EgovUserManageServiceImpl.java	UM Service Implementation Class
VO	egovframework.com.uss.umat.service.UserManageVO.java	UM Model Class
VO	egovframework.com.uss.umat.service.UserDefaultVO.java	UM Search Option VO Class
DAO	egovframework.com.uss.umat.service.impl.UserManageDAO.java	UM Data Handling Class
JSP	/WEB-INF/jsp/egovframework/com/uss/umat/EgovUserInsert.jsp	User Register jsp

		page
JSP	/WEB-INF/jsp/egovframework/com/uss/umt/EgovUserSelectUpdt.jsp	User Detail and Update jsp page
JSP	/WEB-INF/jsp/egovframework/com/uss/umt/EgovUserPasswordUpdt.jsp	User password change jsp page
JSP	/WEB-INF/jsp/egovframework/com/uss/umt/EgovUserManage.jsp	User List jsp page
JSP	/WEB-INF/jsp/egovframework/com/uss/umt/EgovIdDplctCnfirm.jsp	User ID duplication check jsp page
JSP	/WEB-INF/jsp/egovframework/com/uat/uia/EgovGpkiRegist.jsp	GPKI certificate DN value extraction jsp page
Query XML	resources/egovframework/sqlmap/com/uss/umt/EgovUserManage_SQL_Mysql.xml	UM Query for MySQL
Query XML	resources/egovframework/sqlmap/com/uss/umt/EgovUserManage_SQL_Oracle.xml	UM Query for Oracle
Query XML	resources/egovframework/sqlmap/com/uss/umt/EgovUserManage_SQL_Tibero.xml	UM Query for Tibero
Query XML	resources/egovframework/sqlmap/com/uss/umt/EgovUserManage_SQL_Altibase.xml	UM Query for Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/uss/umt/EgovUserManage.xml	UM validator Rule
Idgen XML	resources/egovframework/spring/com/context-idgen.xml	UM Id generation Idgen XML

Class Diagram



ID Generation

DDL and DML regarding ID Generation

- Add USRCNFRM_ID to COMTECOPSEQ, a sequence save table, to use ID Generation Service.

If table is already created, perform INSERT statement only. (Member, Coporate Member Management also requires unique ID generation using USRCNFRM_ID)

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
                           next_id DECIMAL(30) NOT NULL,
                           PRIMARY KEY (table_name));
```

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

ID Generation Configuration(context-idgen.xml)

```
<bean name="egovUsrCnfrmIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="usrCnfrmStrategy" />
  <property name="blockSize" value="10"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="USRCNFRM_ID"/>
</bean>
<bean name="usrCnfrmStrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="USRCNFRM_" />
  <property name="cipers" value="11" />
  <property name="fillChar" value="0" />
</bean>
```

Related Table

Table name	Table name(English)	Note
User	COMTNEMPLYRINFO	Manages User Information.

Related Code

Following table lists codes used in UM and configuration to be applied.

Code Type	Code Type Name	Code ID	Code Name	Configuration Application
COM012	User Type	USR01	Member	Member Type
	User Type	USR02	Corporate Member	Corporate Member Type
	User Type	USR03	User	User Type
COM013	User Type	A	Registration Requested	Registration requested status
	User Type	P	Registration Approved	Registration approved status
	User Type	D	Registration Deleted	Registration deleted status
COM014	Gender Identification	F	Female	Female
	Gender Identification	M	Male	Male
COM022	Password Hint	Dynamically Generated	Hint	Password Hint
COM025	Organization	Dynamically Generated	Organization	Organization Information
Postal Code	Postal code registered to COMTCZIP table			Postal Code
Authority Group Code	Dynamically generated authority group record information in COMTNAUTHORGROUPINFO table			Authority group per user

Team Information	Team(department) information dynamically generated to COMTNORGNZTINFO table			Team(department) info per user
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Related Features

User Management provides following features: **User List, User Register, User Detail(Update), and User Password Change.**

User List

Business Rules

Search options are applied to user status, user id, and user name. User id search uses EQUAL comparison (looks for the same id), and user name search uses LIKE comparison (looks for similar name.)

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
display User List	/uss/umt/EgovUserManage.do	selectUserList	"userManagerDAO.selectUserList_S", "userManagerDAO.selectUserListTotCnt_S"
delete	/uss/umt/EgovUserDelete.do	deleteUser	"userManagerDAO.deleteUser_S"

User list is accessed 10 items per page, and paging occurs per 10 pages. To change search range per page, update pageUnit, pageSize in context-properties.xml file. (This setting will be applied to the common service.)

☞ 사용자관리

사용자수 **4983**

No.	<input type="checkbox"/>	아이디	사용자이름	사용자이메일	전화번호	등록일	가입상태
1	<input type="checkbox"/>	T91	T91	em91@egovtest.com	31)111-91	2009-03-19	회원가입승인
2	<input type="checkbox"/>	T92	T92	em92@egovtest.com	31)111-92	2009-03-19	회원가입승인
3	<input type="checkbox"/>	T93	T93	em93@egovtest.com	31)111-93	2009-03-19	회원가입승인
4	<input type="checkbox"/>	T94	T94	em94@egovtest.com	31)111-94	2009-03-19	회원가입승인
5	<input type="checkbox"/>	T95	T95	em95@egovtest.com	31)111-95	2009-03-19	회원가입승인
6	<input type="checkbox"/>	T96	T96	em96@egovtest.com	31)111-96	2009-03-19	회원가입승인
7	<input type="checkbox"/>	T97	T97	em97@egovtest.com	31)111-97	2009-03-19	회원가입승인
8	<input type="checkbox"/>	T98	T98	em98@egovtest.com	31)111-98	2009-03-19	회원가입승인
9	<input type="checkbox"/>	T99	T99	em99@egovtest.com	31)111-99	2009-03-19	회원가입승인
10	<input type="checkbox"/>	TEST1	박상수	egov@mopas.go.kr)333-	2009-03-19	회원가입승인

Search: select search options and enter search text to search specific user.
 Delete: Set user status to unregistered to delete existing user. When complete erase of a user is required, select the checkbox of a user and click delete. The user will be removed from the Database. (It is prerequisite that you remove configurations and information related to the user.)
 List: displays user list.
 Register: Click the Register button to add new user. **User Register** page will appear.
 Detail (Update): Click a user id you want to update. You will be directed to **User Detail (Update)** page where you can view and update detailed user information.

User Register

Business Rules

Enter user information to register a new user. Once new user is registered, **User List** page will appear.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Register	/uss/umt/EgovUserInsert.do	insertUser	"userManagerDAO.insertUser_S"

업무사용자 등록

사용자아이디 *	<input type="text"/>	(중복아이디 검색)
사용자이름 *	<input type="text"/>	
비밀번호 *	<input type="password"/>	
비밀번호확인 *	<input type="password"/>	
비밀번호힌트 *	--선택하세요--	
비밀번호정답 *	<input type="text"/>	
소속기관코드	--선택하세요--	
조직아이디	--선택하세요--	
직위명	<input type="text"/>	
사번	<input type="text"/>	
주민등록번호 *	<input type="text"/>	
성별구분코드	--선택하세요--	
생일	<input type="text"/>	
집전화지역번호 *	<input type="text"/>	- <input type="text"/> - <input type="text"/>
사무실전화번호	<input type="text"/>	
팩스번호	<input type="text"/>	
핸드폰번호	<input type="text"/>	
이메일주소 *	<input type="text"/>	
우편번호 *	<input type="text"/>	
주소 *	<input type="text"/>	
상세주소	<input type="text"/>	
그룹아이디 *	--선택하세요--	
사용자상태코드 *	--선택하세요--	
사용자DN	<input type="text"/>	

Register: Fill out user information fields, then click register button at the bottom of the page to save new user information to database. Starred(*) fields are required. User ID and Postal Code(address) will open a popup window to guide you.
 List: Click list button at the bottom of the page to go back to **User List** page.
 Cancel: You can revert to default by clicking cancel button at the bottom of the page.

User Detail(Update)

Business Rules

Provides detailed view and update feature of user.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail View	/uss/umt/EgovUserSelectUpdtView.do	updateUserView	"userManagerDAO.selectUser_S"
Update	/uss/umt/EgovUserSelectUpdt.do	updateUser	"userManagerDAO.updateUser_S"
Delete	/uss/umt/EgovUserDelete.do	deleteUser	"userManagerDAO.deleteUser_S"

업무사용자 상세조회(수정)

사용자아이디 *	perf_0422104026002
사용자이름 *	성능테
비밀번호힌트 *	가장 기억에 남는 장소는?
비밀번호정답 *	행안부
소속기관코드	교육기관
조직아이디	테스트조직1
직위명	
사번	
주민등록번호 *	7509231005915
성별구분코드	--선택하세요--
생일	
집전화번호 *	031 - 111 - 2222
사무실전화번호	
팩스번호	
핸드폰번호	
이메일주소 *	perf@perf.com
우편번호 *	100011 
주소 *	서울 중구 충무로1가
상세주소	성능동
그룹아이디 *	테스트 그룹
사용자상태코드 *	회원이입승인
사용자DN	

Update: Fill out user information fields, then click update button at the bottom of the page to update existing user information to database. Starred(*) fields are required and user ID is unmodifiable. User ID and Postal Code(address) will open a popup window to guide you.

Delete: Set user status to unregistered to delete existing user. When complete erase of a user is required, select the checkbox of a user and click delete. The user will be removed from the Database. (It is prerequisite that you remove configurations and information related to the user.)

List: Click list button at the bottom of the page to display **User List** page.

Change Password: Click change password button at the bottom of the page to move into **Change User Password** page.

Cancel: Click cancel button to revert to previous status.

Change User Password

Business Rules

Modifies user password. Once successfully changed, change result will be displayed on the screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Change password	/uss/umt/EgovUserPasswordUpdt.do	updatePassword	"userManagerDAO.updatePassword_S"
			"userManagerDAO.selectPassword_S"

업무사용자 암호변경

사용자아이디 *	<input type="text" value="perf_0422104026002"/>
기존 비밀번호 *	<input type="password"/>
비밀번호 *	<input type="password"/>
비밀번호확인 *	<input type="password"/>

Update: Enter the current password, new password and new password validation, then click update button to update password information in the database. If current password is incorrect, change isn't applied.

List: Click the List button at the bottom of the page to display **User List** page.

Cancel: Click the Cancel button at the bottom of the page to revert to old password.