

Name Card Management

Summary

Users can search for other users' name cards within the system and add to name card list or register the user's own name card and share it as public or private.

There are two ways to register name cards: one is registering own name card, and the other way is registering public name cards shared by other users. User can share his/her own name card as public so that other users may register the card to use.

- Feature Flow



Description

Name Card Management provides following three features: **Name Card Register** feature to create new name card, **Search Name Card** feature to search and add shared name cards, **My Name Card List** feature to list name cards registered by current user.

Package Dependency

Name Card Management has direct functional references only to common package(cmm). However, for executing without errors in component distribution, the distribution package should include format/date/calculation package.

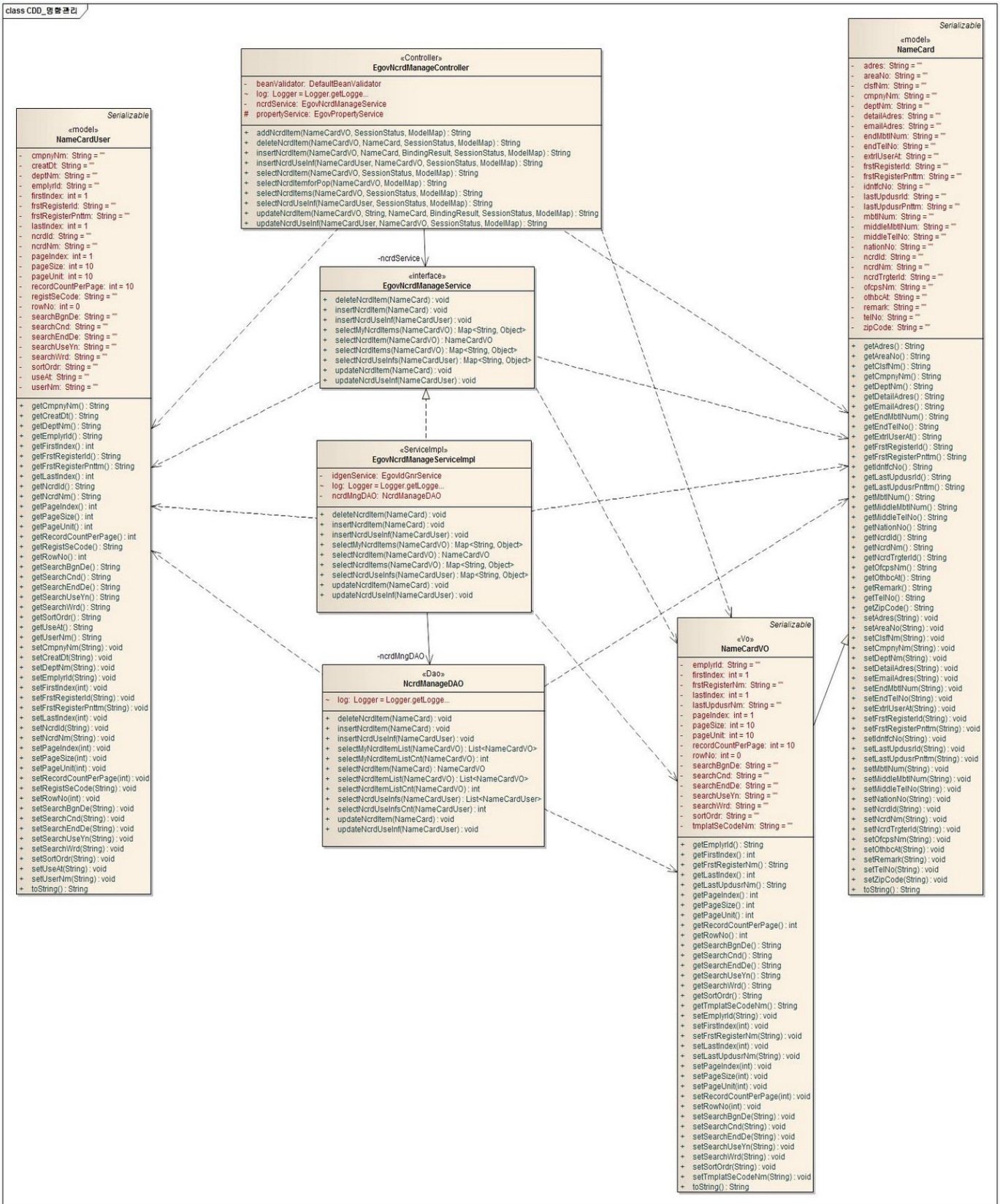
- Package Dependency: [package dependency on Cowork-scheduling, SMS, and address.](#)
-

Related Source

| Type | Target Source | Note |
|-------------|---|--|
| Controller | egovframework.com.cop.ncm.web.EgovNcrdManageController.java | NCM(Name Card Management) Controller Class |
| Service | egovframework.com.cop.ncm.service.EgovNcrdManageService.java | NCM Service Interface |
| ServiceImpl | egovframework.com.cop.ncm.service.impl.EgovNcrdManageService.java | NCM Service Implementation Class |
| Model | egovframework.com.cop.ncm.service.NameCard.java | NCM Model Class |
| Model | egovframework.com.cop.ncm.service.NameCardUser.java | Name Card User Management Model Class |
| VO | egovframework.com.cop.ncm.service.NameCardVO.java | NCM VO Class |

| | | |
|--------------------|--|---------------------------------|
| DAO | egovframework.com.cop.ncm.service.impl.NcrdManageDAO.java | NCM Data Handling Class |
| JSP | /WEB-INF/jsp/egovframework/com/cop/ncm/EgovNcrdRegist.jsp.jsp | Name Card Register jsp page |
| JSP | /WEB-INF/jsp/egovframework/com/cop/ncm/EgovNcrdUpdt.jsp.jsp | Name Card Update jsp page |
| JSP | /WEB-INF/jsp/egovframework/com/cop/ncm/EgovNcrdList.jsp.jsp | Name Card Search jsp page |
| JSP | /WEB-INF/jsp/egovframework/com/cop/ncm/EgovMyNcrdList.jsp | My Name Card List jsp page |
| JSP | /WEB-INF/jsp/egovframework/com/cop/ncm/EgovNcrdInquirePopup.jsp | Name Card Detail Popup jsp page |
| Query XML | resources/egovframework/sqlmap/com/cop/ncm/EgovNcrd_SQL_Mysql.xml | NCM Query for MySQL |
| Query XML | resources/egovframework/sqlmap/com/cop/ncm/EgovNcrd_SQL_Oracle.xml | NCM Query for Oracle |
| Query XML | resources/egovframework/sqlmap/com/cop/ncm/EgovNcrd_SQL_Tibero.xml | NCM Query for Tibero |
| Query XML | resources/egovframework/sqlmap/com/cop/ncm/EgovNcrd_SQL_Altibase.xml | NCM Query for Altibase |
| Validator Rule XML | resources/egovframework/validator/validator-rules.xml | XML defining Validator Rule |
| Validator XML | resources/egovframework/validator/com/cop/ncm/EgovNcrdRegist.xml | NCM Validator XML |
| Message properties | resources/egovframework/message/com/message-common_ko_KR.properties | NCM Message properties |
| Idgen XML | resources/egovframework/spring/context-idgen.xml | NCM Id generation Idgen XML |

Class Diagram



ID Generation

DDL and DML regarding ID Generation

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

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

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

ID Generation Configuration(context-idgen.xml)

```

<bean name="egovNcrdIdGnrService"
class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
destroy-method="destroy">
<property name="dataSource" ref="egov.dataSource" />
<property name="strategy" ref="ncrdIdStrategy" />
<property name="blockSize" value="10"/>
<property name="table" value="COMTECOPSEQ"/>
<property name="tableName" value="NCRD_ID"/>
</bean>

<bean name="ncrdIdStrategy"
class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
<property name="prefix" value="NCRD_" />
<property name="cipers" value="15" />
<property name="fillChar" value="0" />
</bean>

```

Related Table

| Table name | Table name(English) | Note |
|--|---------------------|-----------------------------|
| Attribute of the name card information | COMTNNCRD | Manages Name Card Features. |
| Attribute of the name card user | COMTNNCRDUSER | Manages Name Card Usages. |

Related Features

Name Card Management service provides following features: **Name Card List, Name Card Register, Name Card Update, and Name Card Detail Popup.**

Name Card List

Business Rules

Click Register to use button to register your own name card. Once registered, **Name Card List** will be displayed.


Related Code

N/A

Screen and execution manual

| Action | URL | Controller method | QueryID |
|--------------|----------------------------|-------------------|---------------------------------------|
| Display List | /cop/ncm/selectNcrdInfs.do | selectNcrdItems | "NcrdManageDAO.selectNcrdItemList", |
| | | | "NcrdManageDAO.selectNcrdItemListCnt" |

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


공계 명함목록
--선택하세요--

조회

| 번호 | 이름 | 회사명 | 부서명 | 등록일자 | 사용등록 |
|----|-----|------|-------|------------|---|
| 1 | 홍길동 | 부자회사 | 가난한부서 | 2009-04-20 | 사용등록 |

Search: select search options and enter search text to search specific items.

Name Card Register

Business Rules

Register name card with detailed information and sharing option. Once registered, **My Name Card List** will be displayed.

Other users are allowed to use public cards.

Related Code

N/A

Screen and execution manual

| Action | URL | Controller method | QueryID |
|---------------|---------------------------|-------------------|--------------------------------|
| Register Page | /cop/ncm/addNcrdInf.do | addNcrdItem | |
| Registration | /cop/ncm/insertNcrdInf.do | insertNcrdItem | "NcrdManageDAO.insertNcrdItem" |

명함등록

| | | | |
|---------|---|--------|---|
| 이름 * | <input type="text"/> | | |
| 회사명 | <input type="text"/> | 부서명 | <input type="text"/> |
| 직위 | <input type="text"/> | 직급 | <input type="text"/> |
| 이메일주소 | <input type="text"/> | | |
| 전화번호 | <input type="text"/> - <input type="text"/> - <input type="text"/> - <input type="text"/> | | |
| 휴대폰번호 | --식별번호-- <input type="text"/> - <input type="text"/> - <input type="text"/> | | |
| 이름 | <input type="text"/> | | |
| 외부사용자여부 | 외부사용자 : <input type="radio"/> 내부사용자 : <input checked="" type="radio"/> | 공개여부 * | 공개 : <input type="radio"/> 비공개 : <input checked="" type="radio"/> |
| 비고 | <input type="text"/> | | |

List: displays **Name Card List** page.
 Register: saves name card with input values.

My Name Card List

Business Rules

Search options are applied to name, company name, or department name. If name card is selected, **Name Card Update** page will be displayed.

Related Code

N/A

Screen and execution manual

| Action | URL | Controller method | QueryID |
|--------------|--------------------------------|-------------------|--|
| Display List | /cop/ncm/selectMyNcrdUseInf.do | selectNcrdUseInf | "NcrdManageDAO.selectNcrdUseInfs", "NcrdManageDAO.selectNcrdUseInfsCnt" |

나의 명함목록 --선택하세요--

| 번호 | 이름 | 회사명 | 부서명 | 등록일자 |
|----|-----|------|------|------------|
| 1 | 강길동 | 기반회사 | 기반부서 | 2009-04-20 |
| 2 | 김길동 | 좋은회사 | 그런부서 | 2009-04-20 |

Search: select search options and enter search text to search specific items

Name Card Update

Business Rules

Click the Update button to apply update on the name card. **My Name Card List** page will appear after the modification.

Related Code

N/A

Screen and execution manual

| Action | URL | Controller method | QueryID |
|--------|---------------------------|-------------------|--------------------------------|
| Update | /cop/ncm/updateNcrdInf.do | updateNcrdItem | "NcrdManageDAO.updateNcrdItem" |

명함수정

| | | | |
|---------|-------------------------------|-------------------------------|---|
| 이름 * | 강길동 | | |
| 회사명 | 기반회사 | 부서명 | 기반부서 |
| 직위 | | 직급 | 과장 |
| 이메일주소 | kang@korea.com | | |
| 전화번호 | - - - - | | |
| 휴대폰번호 | 010 | - 555 | - 5555 |
| 주소 | | | |
| 외부사용자여부 | 외부사용자 : <input type="radio"/> | 내부사용자 : <input type="radio"/> | 공개여부 * 공개 : <input type="radio"/> 비공개 : <input type="radio"/> |
| 비고 | | | |

수정 목록

Update: saves update information.
List: displays **Name Card List** page.

Name Card Detail Popup

Business Rules

Click a name card in **Name Card List** page to open Name Card Detail Popup of the card.

Related Code

N/A

Screen and execution manual

| Action | URL | Controller method | QueryID |
|-------------------|--------------------------------|----------------------|--------------------------------|
| Information Popup | /cop/ncm/selectNcrdInfPopup.do | selectNcrdItemforPop | "NcrdManageDAO.selectNcrdItem" |

명함정보조회

| | | | |
|---------|-------|-----|-------|
| 이름 | 홍길동 | | |
| 회사명 | 부자회사 | 부서명 | 가난한부서 |
| 직위 | | 직급 | |
| 이메일주소 | | | |
| 전화번호 | -- - | | |
| 휴대폰번호 | -- | | |
| 주소 | | | |
| 외부사용자여부 | 외부사용자 | | |
| 비고 | | | |

닫기