**1)EDIT MY ACCOUNT**

GO\_BLOCK ('EDITPERSONALINFO');

SELECT

CUS\_PASSWORD,

CUS\_EMAIL,

CUS\_PREF\_ORIGIN,

CUS\_PREF\_SWEET,

CUS\_PHONE,

CUS\_ADDRESS,

CUS\_CREDIT\_CARD\_NO

INTO

:EDITPERSONALINFO.EPI\_PASSWORD,

:EDITPERSONALINFO.EPI\_EMAIL,

:EDITPERSONALINFO.EPI\_REGION,

:EDITPERSONALINFO.EPI\_SWEETNESS,

:EDITPERSONALINFO.EPI\_PHONE,

:EDITPERSONALINFO.EPI\_ADDRESS,

:EDITPERSONALINFO.EPI\_CREDIT\_CARD

FROM CUSTOMER

WHERE CUS\_USERNAME=:LOGIN\_C.CL\_USERNAME;

**2)LOG OUT**

GO\_BLOCK('LOGIN\_C');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('HOMEPAGE');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('LOGIN\_C');

**3)SEARCH**

DECLARE

i NUMBER (1);

ResultCount NUMBER(3);

BEGIN

IF :HOMEPAGE.HP\_SEARCH IS NULL THEN

message('You do not insert any search criteria');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

SELECT COUNT(PROD\_NAME) INTO ResultCount FROM PRODUCT WHERE

LOWER(PROD\_NAME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%';

IF ResultCount=0 THEN

message('No liquor are found base on your criteria');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

i:=1;

GO\_BLOCK('SEARCHRESULT');

CLEAR\_BLOCK(no\_validate);

First\_Record;

FOR i IN 1..ResultCount

LOOP

GO\_BLOCK('SEARCHRESULTLIST\_V');

SELECT PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

INTO :SEARCHRESULTLIST\_V.PROD\_NAME, :SEARCHRESULTLIST\_V.PROD\_REGION, :SEARCHRESULTLIST\_V.PROD\_COUNTRY, :SEARCHRESULTLIST\_V.PROD\_PRICE

FROM ( select PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

, rownum RN from PRODUCT WHERE LOWER(PROD\_NAME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%')

WHERE RN=i;

Next\_Record;

END LOOP;

First\_Record;

Go\_Block('SEARCHRESULT');

message(ResultCount || ' search result(s) with keyword "' ||:HOMEPAGE.HP\_SEARCH || '" is found.');

END;