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LOGIN CONSIDERATIONS

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ID: 1

Name: ADMIN

unlocks menu item sales-related forms

ID: 2

Name: ADMIN

unlocks ingredient release-related forms

* Reminders from the last file have been added onto the Help buttons.

* Delivery Module has been remade and is now using sub-modules.

* Delivery-related modules and sub-modules now follow a flow with number markings.

* Permissions have been updated with respect to the ERD made by the group.

* Minor adjustments to the database were made as follows:

```
db2 => describe table ingredient

                              Data type              Column
Column name                   schema    Data type name    Length    Scale Nulls
----------------------------- --------- ------------------ ---------- ----- ------
INGREDIENTID                  SYSIBM    VARCHAR                    5      0 No
INGREDIENTNAME                SYSIBM    VARCHAR                   30      0 No
NOINSTOCK                     SYSIBM    DECIMAL                    3      0 No
EXPIREDATE                    SYSIBM    DATE                       4      0 No
REPLENISHPT                   SYSIBM    DECIMAL                    3      0 Yes
NOTOORDER                     SYSIBM    DECIMAL                    3      0 Yes
UNITMEAS                      SYSIBM    VARCHAR                   15      0 No

  7 record(s) selected.

db2 => alter table ingredient alter column noinstock set data type decimal(5,2)
DB20000I  The SQL command completed successfully.
db2 => describe table ingredient

                              Data type              Column
Column name                   schema    Data type name    Length    Scale Nulls
----------------------------- --------- ------------------ ---------- ----- ------
INGREDIENTID                  SYSIBM    VARCHAR                    5      0 No
INGREDIENTNAME                SYSIBM    VARCHAR                   30      0 No
NOINSTOCK                     SYSIBM    DECIMAL                    5      2 No
EXPIREDATE                    SYSIBM    DATE                       4      0 No
REPLENISHPT                   SYSIBM    DECIMAL                    3      0 Yes
NOTOORDER                     SYSIBM    DECIMAL                    3      0 Yes
UNITMEAS                      SYSIBM    VARCHAR                   15      0 No

  7 record(s) selected.

db2 => _
```

```
db2 => describe table delv_line_item

                              Data type              Column
Column name                   schema    Data type name    Length    Scale Nulls
----------------------------- --------- ------------------ ---------- ----- ------
DEL_LINENO                    SYSIBM    DECIMAL                    9      0 No
DRNO                          SYSIBM    VARCHAR                    9      0 No
INGREDIENTID                  SYSIBM    VARCHAR                    5      0 No
QTYDLVRD                      SYSIBM    DECIMAL                    3      0 No
UNITMEAS                      SYSIBM    VARCHAR                   15      0 No
LINEAMT                       SYSIBM    DECIMAL                    9      2 No

  6 record(s) selected.

db2 => alter table delv_line_item alter column qtydlvrd set data type decimal(5,2)
DB20000I  The SQL command completed successfully.
db2 => describe table delv_line_item

                              Data type              Column
Column name                   schema    Data type name    Length    Scale Nulls
----------------------------- --------- ------------------ ---------- ----- ------
DEL_LINENO                    SYSIBM    DECIMAL                    9      0 No
DRNO                          SYSIBM    VARCHAR                    9      0 No
INGREDIENTID                  SYSIBM    VARCHAR                    5      0 No
QTYDLVRD                      SYSIBM    DECIMAL                    5      2 No
UNITMEAS                      SYSIBM    VARCHAR                   15      0 No
LINEAMT                       SYSIBM    DECIMAL                    9      2 No

  6 record(s) selected.
```

```
db2 => describe table ro_line_item

                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
REL_LINENO                        SYSIBM    DECIMAL                      9      0 No
RONO                              SYSIBM    CHARACTER                    6      0 No
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
QTYRELEASED                       SYSIBM    DECIMAL                      3      0 No
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  5 record(s) selected.

db2 => alter table ro_line_item alter column qtyreleased set data type decimal(5,2)
DB20000I   The SQL command completed successfully.
db2 => describe table ro_line_item

                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
REL_LINENO                        SYSIBM    DECIMAL                      9      0 No
RONO                              SYSIBM    CHARACTER                    6      0 No
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
QTYRELEASED                       SYSIBM    DECIMAL                      5      2 No
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  5 record(s) selected.
```

```
                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
ORD_LINENO                        SYSIBM    DECIMAL                      9      0 No
ORDFMNO                           SYSIBM    DECIMAL                      5      0 No
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
QTYORDERED                        SYSIBM    DECIMAL                      3      0 No
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  5 record(s) selected.

db2 => alter table order_line_item alter column qtyordered set data type decimal(5,2)
DB20000I   The SQL command completed successfully.
db2 => describe table order_line_item

                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
ORD_LINENO                        SYSIBM    DECIMAL                      9      0 No
ORDFMNO                           SYSIBM    DECIMAL                      5      0 No
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
QTYORDERED                        SYSIBM    DECIMAL                      5      2 No
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  5 record(s) selected.
```

```
db2 => describe table ingredient

                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
INGREDIENTNAME                    SYSIBM    VARCHAR                     30      0 No
NOINSTOCK                         SYSIBM    DECIMAL                      5      2 No
EXPIREDATE                        SYSIBM    DATE                         4      0 No
REPLENISHPT                       SYSIBM    DECIMAL                      3      0 Yes
NOTOORDER                         SYSIBM    DECIMAL                      3      0 Yes
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  7 record(s) selected.

db2 => alter table ingredient alter column notoorder set data type decimal(5,2)
DB20000I   The SQL command completed successfully.
db2 => describe table ingredient

                                  Data type                      Column
Column name                       schema    Data type name       Length    Scale Nulls
------------------------------    --------- ------------------   ---------- ----- ------
INGREDIENTID                      SYSIBM    VARCHAR                      5      0 No
INGREDIENTNAME                    SYSIBM    VARCHAR                     30      0 No
NOINSTOCK                         SYSIBM    DECIMAL                      5      2 No
EXPIREDATE                        SYSIBM    DATE                         4      0 No
REPLENISHPT                       SYSIBM    DECIMAL                      3      0 Yes
NOTOORDER                         SYSIBM    DECIMAL                      5      2 Yes
UNITMEAS                          SYSIBM    VARCHAR                     15      0 No

  7 record(s) selected.
```