<일반사용자 기본>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PK | AI | FK | NULL | LOGICAL NAME | NAME | TYPE |
|  |  |  | o | 이름 | n\_name | VARCHAR(45) |
|  |  |  | o | 주민등록번호 | n\_num | VARCHAR(45) |
|  |  |  | o | 연락처 | n\_phone | VARCHAR(45) |
|  |  |  | o | 주소 | n\_addr | VARCHAR(45) |
| o |  |  |  | ID | n\_id | VARCHAR(45) |
|  |  |  | o | Password | n\_pw | VARCHAR(45) |

<MySQL DESC>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | NULL | Key | Default | Extra |
| n\_name | VARCHAR(45) | NO |  | NULL |  |
| n\_num | VARCHAR(45) | NO |  | NULL |  |
| n\_phone | VARCHAR(45) | YES |  | NULL |  |
| n\_addr | VARCHAR(45) | YES |  | NULL |  |
| n\_id | VARCHAR(45) | NO | PRI |  |  |
| n\_pw | VARCHAR(45) | NO |  | NULL |  |

<항만정보>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PK | AI | FK | NULL | LOGICAL NAME | NAME | TYPE |
| o |  |  |  | 항만고유번호 | p\_id | VARCHAR(45) |
|  |  |  | o | 항만 이름 | p\_name | VARCHAR(45) |
|  |  |  | o | 비밀번호 | p\_pw | VARCHAR(45) |
|  |  |  | o | 구역 | p\_area | VARCHAR(45) |
|  |  |  | o | 로딩암번호 | Roadingarm\_num | VARCHAR(45) |

<MySQL DESC>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | NULL | Key | Default | Extra |
| p\_name | VARCHAR(45) | NO |  | NULL |  |
| p\_id | VARCHAR(45) | NO | PRI |  |  |
| p\_pw | VARCHAR(45) | NO |  | NULL |  |
| p\_area | VARCHAR(45) | NO |  | NULL |  |
| Roadingarm\_num | VARCHAR(45) | NO |  | NULL |  |

<로딩암정보>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PK | AI | FK | NULL | LOGICAL NAME | NAME | TYPE |
| o |  |  |  | 로딩암번호 | t\_num | VARCHAR(45) |
|  |  |  | o | 로딩암품목 | t\_item | VARCHAR(45) |
|  |  | o | o | 일반사용자ID | company\_num | VARCHAR(45) |
|  |  | o | o | 항만고유번호 | port\_num | VARCHAR(45) |

<MySQL DESC>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | NULL | Key | Default | Extra |
| t\_num | VARCHAR(45) | NO | PRI |  |  |
| t\_item | VARCHAR(45) | NO |  | NULL |  |
| company\_num | VARCHAR(45) | NO | FOR | NULL |  |
| port\_num | VARCHAR(45) | NO | FOR | NULL |  |

<모선정보>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PK | AI | FK | NULL | LOGICAL NAME | NAME | TYPE |
| o |  |  |  | 모선번호 | t\_shipid | VARCHAR(45) |
|  |  |  | o | 반출일자 | t\_date | DATETIME |
|  |  |  | o | 로딩암번호 | roadingarm\_num | VARCHAR(45) |

<MySQL DESC>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | NULL | Key | Default | Extra |
| t\_shipid | VARCHAR(45) | NO | PRI |  |  |
| t\_date | DATETIME | NO |  | NULL |  |
| roadingarm\_num | VARCHAR(45) | NO |  | NULL |  |

<로딩암작업정보>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PK | AI | FK | NULL | Logical Name | Name | Type |
| o |  | o |  | 로딩암번호 | roadingarm\_num | VARCHAR(45) |
|  |  |  | o | 하선장소 | t\_out | VARCHAR(45) |
|  |  |  | o | 반출일자(시간) | t\_date | DATETIME |
|  |  |  | o | 반출상태 | t\_state | TINYINT |
|  |  |  | o | 멈췄을때의서브모터값1 | substop\_01 | DOUBLE |
|  |  |  | o | 멈췄을때의서브모터값2 | substop\_02 | DOUBLE |
|  |  | o | o | 모선번호 | t\_ship | VARCHAR(45) |

<MySQL DESC>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | NULL | Key | Default | Extra |
| roadingarm\_num | VARCHAR(45) | NO | PRI |  |  |
| t\_out | VARCHAR(45) | NO |  | NULL |  |
| t\_date | VARCHAR(45) | NO |  | NULL |  |
| t\_state | VARCHAR(45) | NO |  | NULL |  |
| substop\_01 | VARCHAR(45) | NO |  | NULL |  |
| substop\_02 | VARCHAR(45) | NO |  | NULL |  |
| t\_ship | VARCHAR(45) | NO | FOR | NULL |  |