# Database Description

**Table Overview**

This section is the overview of all the tables created by @NKL Group.

|  |  |  |
| --- | --- | --- |
| **Table Name** | **Description** | **Relevant Area of NKL100 UI** |
| nkl\_activity\_info | The information of activities related to the 100th  anniversary | Display on Home, Home>>News  Activities can be published by the managers in the backend. |
| nkl\_bbs\_info | The information of BBS messages related to the celebration of the 100th anniversary | Display on Home, Home>>BBS  Message can be submitted from Home>>BBS, and can be reviewed from backend |
| nkl\_bbs\_selectRecord | Varchar(100) |  |
| nkl\_history\_info | Date |  |
| nkl\_managers\_info | Time |  |
| nkl\_managers\_login | Date |  |
| nkl\_news\_info | Time |  |
| nkl\_products\_info | Varchar(50) |  |
| nkl\_purchase\_record |  |  |
| nkl\_users\_login |  |  |

**具体数据表细节**

nkl\_activity\_info：用于记录活动预告的表（共）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| activity\_id | INT |  | PRI |  | Auto\_increment |
| activity\_info | Varchar(500) |  |  |  |  |
| activity\_location | Varchar(100) |  |  |  |  |
| activity\_beginDate | Date |  |  |  |  |
| activity\_beginTime | Time |  |  |  |  |
| activity\_endDate | Date |  |  |  |  |
| activity\_endTime | Time |  |  |  |  |
| activity\_hostDept | Varchar(50) |  |  |  |  |

nkl\_bbs\_info：用于记录留言板所有内容的表（共）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| bbs\_id | int |  | PRI |  | Auto\_increment |
| bbs\_time | Datetime |  |  |  |  |
| bbs\_userNickname | Varchar(25) |  |  |  |  |
| bbs\_userDescribe | Varchar(50) |  |  |  |  |
| bbs\_content | Varchar(500) |  |  |  |  |
| bbs\_isSelected | Boolean |  |  | 0 |  |
| bbs\_isSolved | boolean |  |  | 0 |  |

nkl\_bbs\_selectRecord：用于记录管理员精选留言板内容的表（后）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| manager\_id | Int |  | PRI |  | Fk->nkl\_manager\_info,manager\_id |
| bbs\_isSelected | boolean |  |  |  |  |
| bbs\_solveTime | datetime |  | PRI |  |  |
| bbs\_id | int |  |  |  | Fk->nkl\_bbs\_info,bbs\_id |

nkl\_history\_info：用于记录南开历史的表（前）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| history\_id | INT |  | PRI |  | Auto\_increment |
| history\_title | Varchar(100) |  |  |  |  |
| history\_passage | Varchar(2000) |  |  |  |  |

nkl\_managers\_info：用于记录管理员信息的表（后）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| manager\_id | INT |  | PRI | NULL | Auto\_increment |
| manager\_name | varchar(25) |  |  |  |  |
| manager\_sex | char(1) | Yes |  |  |  |
| manager\_email | Varchar(50) |  |  |  |  |
| manager\_grade | Int |  |  |  |  |
| manager\_college | Varchar(25) |  |  |  |  |
| manager\_major | varchar(25) | yes |  |  |  |

nkl\_managers\_login：用于记录管理员登录ID和密码的表(后)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| id | INT |  | PRI |  | Fk->nkl\_manager\_info,manager\_id |
| username | Varchar(255) |  |  |  | 账户 |
| auth\_key | Varchar(32) |  |  |  |  |
| password\_hash | Varchar(255) |  |  |  |  |
| password\_reset\_token | Varchar(255) |  |  |  |  |
| email | Varchar(50) |  |  |  |  |
| role | smallint(6) |  |  |  |  |
| mobile | varchar(11) |  |  |  | 手机号码(登录账号) |
| status | smallint(6) |  |  |  | 状态 |
| created\_at | timestamp |  |  |  |  |
| updated\_at | timestamp |  |  |  |  |

nkl\_news\_info：用于记录新闻信息的表（共）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| news\_id | INT |  | PRI | NULL | Auto\_increment |
| news\_title | varchar(100) |  |  |  |  |
| news\_link | varchar(255) |  |  |  |  |
| news\_releaser | int |  |  |  | Fk->nkl\_manager\_info,manager\_id |
| news\_releaseTime | datetime |  |  |  |  |
| news\_isSelected | boolean |  |  | 0 |  |
| news\_isSolved | boolean |  |  | 0 |  |

nkl\_news\_selectRecord：用于记录管理员精选新闻的表（后）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| news\_id | INT |  |  |  | Fk->nkl\_news\_info,news\_id |
| manager\_id | int |  | PRI |  | Fk->nkl\_manager\_info,manager\_id |
| news\_isSelected | boolean |  |  |  |  |
| news\_solveTime | datetime |  | PRI |  |  |

nkl\_products\_info：用于记录所有架上商品的表（前）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| product\_id | INT |  | PRI | NULL | Auto\_increment |
| product\_name | varchar(25) |  |  |  |  |
| product\_price | Float |  |  |  |  |
| product\_storage | int |  |  |  |  |

nkl\_purchase\_record：用于记录购买记录（前）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| purchase\_time | datetime |  | PRI |  |  |
| user\_id | INT |  | PRI |  | Fk->nkl\_users\_login,user\_id |
| product\_id | int |  |  |  | Fk->nkl\_products\_info,product\_id |

nkl\_users\_login：用于记录用户登录ID和密码的表（前）

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Extra |
| user\_id | INT |  | PRI | NULL | Auto\_increment |
| user\_name | Varchar(25) |  |  |  |  |
| user\_password\_hash | Varchar(255) |  |  |  |  |
| user\_auth\_key | Varchar(32) |  |  |  |  |