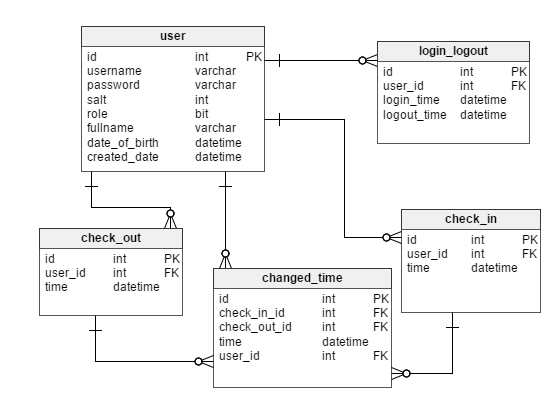
# Tables



## 1.1. Table check\_in

1.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| user\_id | int |  |  |
| time | datetime |  |  |

## 1.2. Table check\_out

1.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| user\_id | int |  |  |
| time | datetime |  |  |

## 1.3. Table user

1.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| username | Varchar (50) |  |  |
| password | Varchar (64) |  |  |
| salt | Int (32) |  | Generated by password hash.  Using for validate password |
| role | bit |  | 1: Admin  0: Staff |
| fullname | Varchar (50) |  |  |
| date\_of\_birth | datetime |  |  |
| created\_date | datetime |  |  |

## 1.4. Table changed\_time

1.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| check\_in\_id | int |  |  |
| check\_out\_id | int |  |  |
| time | datetime |  |  |
| user\_id | int |  |  |

## 1.5. Table login\_logout

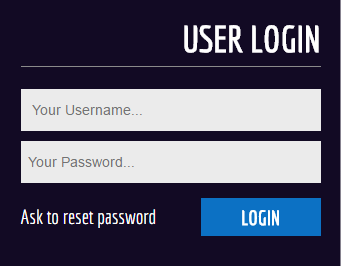
1.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| user\_id | int |  |  |
| login\_time | datetime |  |  |
| logout\_time | datetime |  |  |

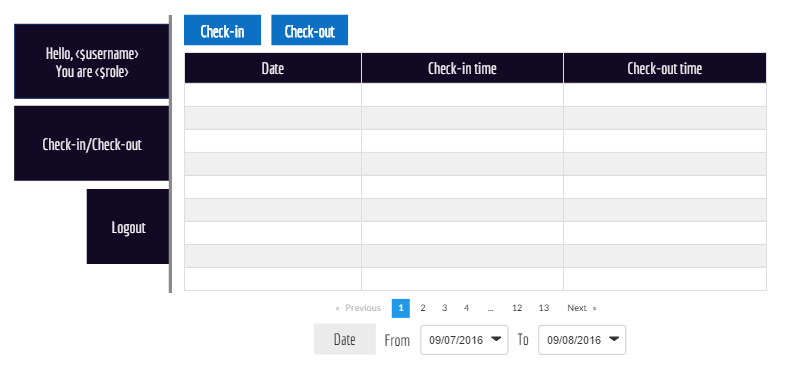
# Screen Transition

# Wireframe

## Login Form



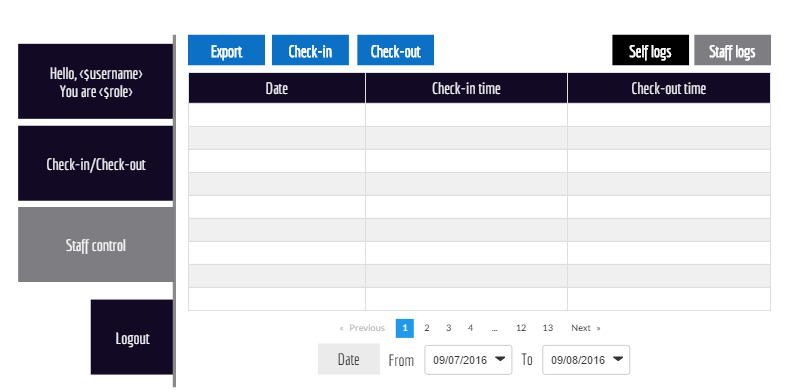
## Staff Page

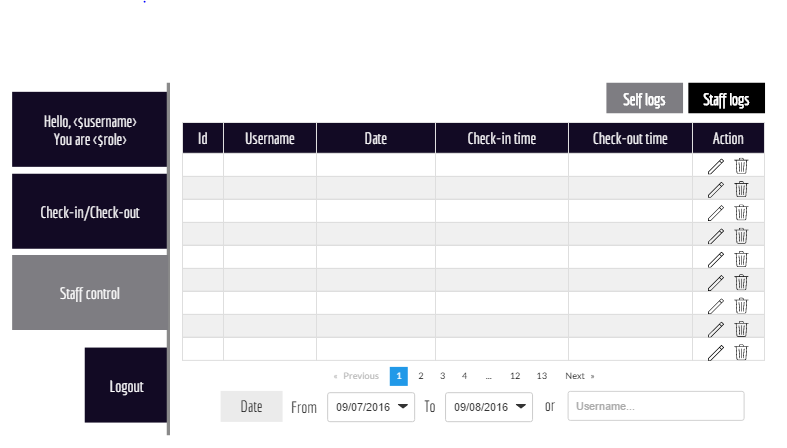


## Admin Page

### 3.3.1. Check-in/Check-out logs

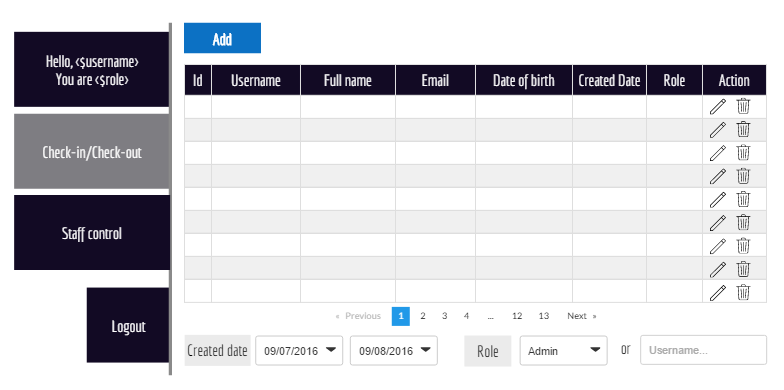
3.3.1.1. Self logs

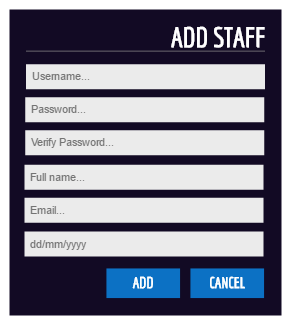


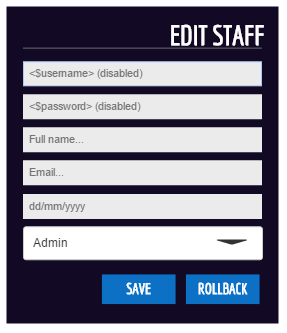
3.3.1.2. Staff logs

### 3.3.2. Staff control

3.3.2.1. Staff control index



* + - 1. Add staff form

3.3.2.3. Edit staff

# WBS