# UC 3.7.4 Electricity Billing System Login

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| **Topic** | **Details** |
| **User Roles** | * System Administartor * Customer   User roles to be fully defined in the User Role Security Matrix |
| **Short Description** | This use case describes the normal, alternate and exception flows for the following process steps:   * **NF-1:** System Admin login * **NF-2:** Customer login |
| **Trigger** | User needs to click the appropriate submit button depending on user type. |
| **Preconditions** | 1. The appropriate user wants to login. 2. We will use the example below for the different workflows:  |  |  | | --- | --- | | **User Name** | **Role** | | System Admin | System administrator | | Customer | Customer | |
| **Please Note:** *Mock-ups/screen shots should be reviewed for Use Case specific content only and are a representation not the final product. Common items (e.g. menus, navigation tree details, and breadcrumb navigations) will be defined separately once the screens have been fully defined. User Roles will be defined separately in the User Role Security Matrix. Refer to the MVP documentation for specific MVP’s associated with this use case.* | |
| **NF-1: System Admin login** | **NF-1: System Admin login**  **Step 1:** The system administrator fills his credentials into the appropriate form and clicks submit. |
| **NF-1: System Admin login** | **Step 2**: The credentials are authenticated in the backend. |
| **NF-1: System Admin login** | **Step 3:** The system’s administrator page will be displayed with the option to address customer complaints, add new customers, update the customer’s consumption and return to homepage.  End of Normal Flow-1 |
| **NF-2: Customer login** | **NF-2:** **Customer login**  **Step 1:** The customer fills his customer id into the appropriate form and clicks submit. |
| **NF-2: Customer login** | **Step 2:** The customer id is authenticated in the backend. |
| **NF-2: Customer login** | **Step 3:** The customer’s latest bill will be displayed by default with the option to view previous bills, raise complaints, make payments, print the bill and return to homepage.  End of Normal Flow-2 |
| **Post Conditions** | 1. The System admin will be logged in and redirected to admin page. 2. The customer will be logged in and redirected to customer page. |
| **Tasks to be Created** | Creation of homepage and authentication system. |
| **Includes Pages** |  |
| **Frequency of Use** | High |
| **Assumptions** | N/A |
| **Notes & Issues:** |  |

| **Revision History** | | | |
| --- | --- | --- | --- |
| Version Number | Revision Date | Change Description | Change Author |
| 1 | 8/26/2020 | Updated Base use case | Roland Pereira |
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