# General Information

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| Project Name | Customer Profile Bank Automation |
| Last Version No. | V1 |
| Date of Last Version | 09/04/2019 |

# Revision History

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| --- | --- | --- | --- |
| Date | Document Version | Author | Description |
| 09/04/2019 | V1 | Saad Al-Mubarak | Provide Advanced security layer to  Syriatel operation |

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# Document Purpose

*This section includes the purpose of this SRS document and the intended audience for whom it is written*

* The purpose of this document is to describe the requirements of Customer Profile Bank Automation in this phase, and it describes the scope and features of the required system.

# Introduction

## System Purpose

*This section includes the objective to be achieved by the software product whose requirements are specified in this document, and what are the benefits of the product.*

## System Scope

*This subsection includes the software product to be delivered to the customer, and the exclusions form the scope.*

## References

# General Description

## Product Perspective

*This section includes the software product perspective with other related products or projects*

* In this version, the system is no need any data from other systems.

## Product Features

This section includes a summary of the software product features

### Login

* The user will have ability to login to the Customer Profile Bank Automation system using windows account (windows authentication login).

### Fingerprint:

### Fingerprint management:

* **This includes the following functions:**
* Add Fingerprint.
* Edit Fingerprint.
* Delete Fingerprint.
* Compare Fingerprints

### System Business Rules:

* The business rule is set of rules will be added dynamic on the system to be applied on one or more fields in a specific customer profile.
* The admin will have ability to manage list of business rule to be applied on Customer Profile.
* This includes the following functions:
* Add new business rule.
* Edit business rule.
* Delete business rule.

### Users and Roles:

* This module is responsible for authenticating users and providing them the required Permissions.
* Users are built in the system and their Permissions is built as standalone module in the system and it depend on user roles and permissions.
* This module enables the following functions:
* Add, edit, delete role.
* Add, edit user.
* Search for user by user name.

### Profile Management:

* This includes the following functions for each type:
* Add new profile.
* Edit profile
* View profile
* Delete profile

## User Classes and Characteristics

This section includes the types of users who will interact with the system, the roles of each user and the permitted actions he/she can do on the system

## Admin

Admin can manage Fingerprints .

## Authenticated User

Authenticated user can manage profiles:

* Add new *profiles*.
* *Edit profiles*
* *View profiles*
* *Delete profiles*

## Assumptions, Dependencies and Constraints

This section includes the factors that affect the requirements stated in the SRS and that should be taken into consideration by System Designers and/or Developers.

# System Requirements

## External Interface Requirements

*This section includes description of all needed interfaces*

### User Interfaces

*This section includes description of all requirements needed for the user to communicate with the product such as GUI, Shell Command, Voice, etc.*

N/A

### Hardware Interfaces

*This section includes description of all interfaces to communicate with hardware devices if needed such as printer, barcode reader, vending machine, and kiosk and the communication specific details of each hardware interface such as RS232, USB.*

N/A

### Software Interfaces

*This section includes description of all APIs to communicate with other software system if needed, and description of all general software interfaces (Software used, Description)*

| **Required API/View** | **Input** | **Output** | **Source** | **Affected Functional requirement and use cases** |
| --- | --- | --- | --- | --- |
| *Name of the required info* | *Field name* | *Field name/s* | *The system that data is required from* | *List of affected functional requirement and use cases* |
|  |  |  |  |  |

N/A

## Functional Requirements

*This section includes a description of software product functions that describes what a software system should do*

### Login:

#### Login:

* System should allow actor to login to the system.

### Fingerprint Management:

### Profile Management:

#### Add Fingerprint:

* System should allow actor to add new Fingerprint to the Customer Bank.
* The section will contain info about customers.

#### Edit Fingerprint:

* System should allow actor to edit an existing Fingerprint.

#### Edit element:

* System should allow actor to edit an existing element info.

### 

### Users and Roles:

#### Add new role:

* System should allow actor to add new role to the system.

#### Edit role:

* System should allow actor to edit role info.

#### Delete role:

* System should allow actor to delete role from the system.

#### Add new user:

* System should allow actor to add new user to the system.

#### Edit user:

* System should allow actor to edit user info.

#### Search for user:

* System should allow actor to search for user by user name.

### Profile Management:

#### Add new profile:

* System should allow actor to add new profile to the system.

#### Edit profile:

* System should allow actor to profile.

#### View profile:

* System should allow actor to view profile.

## Non-Functional Requirements

This section includes a description of software product attributes that are used to judge how the system operates

N/A

### User\_Use Cases

### Use Cases

*This section includes the use cases grouped under each functional requirement.*

### Login

##### Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 1 | | | |
| **Name**  *Name of use case* | Login | | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| 1.0 | First draft | | Saad Al-Mubarak | 09/04/2019 |
| **Brief Description:**  *A brief textual description of what the use case does* | | Login to the system via windows authentication | | |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | | Open system URL to login to the system | | |
| **Preconditions:**  *something that happens before the use case starts* | | - | | |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | | The user already added to the system database | | |
| **Actor(s):**  *The people or systems who interact with the use case.* | | Any user | | |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | | N/A | | |

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| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will request the system URL. 2. System will check user account details.   If the user already existing in the system DB:   * + - The system will open the system home page   Else:  The system will show error message. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Login to the system successfully |

|  |
| --- |
| **Alternate Flow***:*  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
|  |

### Users and Roles

##### Add New Role

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 20 | | |
| **Name**  *Name of use case* | Add new role | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

|  |  |
| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Add new role to the system to be assigned to system users |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “users and roles” to add role in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “General Managements” from system side menu. 2. System will show list of configurations. 3. Actor will open “Users and Roles”. 4. system will show the following in Users & Roles management:    * + 1. User management.        2. Role management 5. Actor will open Role management. 6. System will open page including role name and role permissions. 7. Actor will enter the role name and assign permission/s to the role. 8. Actor will save. 9. System will add the role to the system. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| New role is added to the system successfully |

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| --- |
| **Alternate Flow (6)***:* **Cancel the action of adding new role**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the adding action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| The new role is not added to the system |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

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| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * Role name is unique. * “Role name” field is mandatory. * Should assign at least one permission for each role. |

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| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
| Assign permissions to the role as the following modules and their functions |

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| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
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| **Prototype Screen:** *<in case there is any constrains from client>* |
|  |

##### Edit Role

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 21 | | |
| **Name**  *Name of use case* | Edit role | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

|  |  |
| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Edit role name for an existing role in the system |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose role to edit the role info in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| * + - 1. Actor will open “Global Managements” from system side menu.       2. System will show list of configurations.       3. Actor will open “Users and Roles”.       4. System will show the following in Users & Roles management: * User management. * Role management   + - 1. Actor will choose role and edit the following info (role name, assigned permissions).       2. Actor will save.       3. System will update the role name. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Role info is changed in the system |

|  |
| --- |
| **Alternate Flow (6)***:* **Cancel the action of editing role name**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| System will cancel the editing action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Role name is not changed |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

|  |
| --- |
| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * Role name is unique. * “Role name” field is mandatory. * Should assign at least one permission for each role. |

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| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
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| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
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| --- |
| **Prototype Screen:** *<in case there is any constrains from client>* |
|  |

##### Delete Role

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 22 | | |
| **Name**  *Name of use case* | Delete role | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

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| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Delete an existing role in the system |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “users and roles” to delete a role in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Configurations” from system side menu. 2. System will show list of configurations. 3. Actor will open “Users and Roles”. 4. system will show the following in Users & Roles management:    * + - User management.        - Role management 5. Actor will choose role and delete it name. 6. Actor will confirm. 7. System will delete the role. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Role is deleted from the system successfully and all users will lose this role (in case it assigned to them) |

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| **Alternate Flow (6)***:* **Cancel the action of deleting role**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the deleting action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Role is not deleted from the system |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

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| --- |
| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
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| --- |
| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
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| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
|  |

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| --- |
| **Prototype Screen:** *<in case there is any constrains from client>* |
|  |

##### Add New User

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 23 | | |
| **Name**  *Name of use case* | Add new user | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

|  |  |
| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Add new user to the system to use the system functions |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “users and roles” to add user in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

|  |
| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Global Managements” from system side menu. 2. System will show list of configurations. 3. Actor will open “Users and Roles”. 4. system will show the following in Users & Roles management:    * + 1. User management        2. Role management 5. Actor will open User management. 6. System will open page including user name and role. 7. Actor will enter user name and specify role from predefined list (list of roles in the system). 8. Actor will save. 9. System will add the user to the system. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| New user is added to the system successfully |

|  |
| --- |
| **Alternate Flow (6)***:* **Cancel the action of adding new user**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the adding action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| The new user is not added to the system |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

|  |
| --- |
| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * User name is unique. * “User name” field is mandatory. * Should assign at least one role for each user. * User can have more than one role. * When adding new user to the system, the user status is “activated” by default. |

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| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
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| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
|  |

|  |
| --- |
| **Prototype Screen:** *<in case there is any constrains from client>* |
|  |

##### Edit User

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 24 | | |
| **Name**  *Name of use case* | Edit user | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

|  |  |
| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Edit user info for an existing user in the system |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “users and roles” to edit user info in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

|  |
| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Global Managements” from system side menu. 2. System will show list of configurations. 3. Actor will open “Users and Roles”. 4. system will show the following in Users & Roles management:    * + 1. User management.        2. Role management 5. Actor will open User management. 6. System will open page including user name, assigned role/s and user status (activated - deactivated). 7. Actor will edit user info. 8. Actor will save. 9. System will update the user info. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| User info is changed in the system successfully |

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| **Alternate Flow (6)***:* **Cancel the action of editing user info**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the editing action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| User info is not changed |

|  |
| --- |
| **Exception Flow:**  *This section describes what leads to not achieving the use case’s goal* |
| 1. Actor will  2. System will  3. Actor will |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
|  |

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| --- |
| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * User name is unique. * When deactivate a user, system will prevent the user to benefit from system functions. |

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| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
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| --- |
| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
|  |

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| --- |
| **Prototype Screen:** *<in case there is any constrains from client>* |
|  |

##### Search for User

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 25 | | |
| **Name**  *Name of use case* | Search for user | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

|  |  |
| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Search for user by user name in the system |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “users and roles” to search for user in the in the users and role page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Global Managements” from system side menu. 2. System will show list of configurations. 3. Actor will open “Users and Roles”. 4. system will show the following in Users & Roles management:    * + - User management.        - Role management 5. Actor will request search page. 6. System will open search page with “user name” field. 7. Actor will enter the user name. 8. Actor will press on search. 9. System will display user according to actor request including the following fields (user name, assigned role/s and user status: activated/deactivated). |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| User is displayed according to search request |

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| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
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| **Data Requirements:**  *This section includes the data type and validation rules of the fields* |
|  |

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| **Activity Diagram:**  *This section includes a drawing of activity diagram per use case that presents a series of actions and the flow of control in a system* |
|  |

**5.0.0.0 Survey**

5.0.0.1 Add Survey

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| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 50 | | |
| **Name**  *Name of use case* | Add new survey | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

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| **Brief Description:**  *A brief textual description of what the use case does* | Add new survey to be used in customer info section. |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “Configuration” –>“Survey Management”->“Add new Survey” |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Configuration” from system side menu. 2. System will show list of configurations. 3. Actor will open “Survey Management”. 4. System will open page including Surveys names and list of actions. 5. Actor will open add survey. 6. Actor will enter survey info. 7. Actor can add question dynamically to the survey. 8. System will save the changes. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| New survey added successfully |

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| **Alternate Flow (6)***:* **Cancel the action**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the adding action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| The new survey is not added to the system |

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| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * Survey name is unique. * “Survey name” field is mandatory. * Should assign at least one question for each survey. * There should be one active survey for a specific type. |

* + - 1. Edit Survey

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 51 | | |
| **Name**  *Name of use case* | Edit role | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

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| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Edit survey info. |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose survey to edit in SurveyManagement page |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| * + - 1. Actor will open “Configurations” from system side menu.       2. System will show list of configurations.       3. Actor will open “SurveyManagement”.       4. Actor will press edit survey.       5. Actor will save.       6. System will update the role name. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Survey info is changed in the system |

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| **Alternate Flow (6)***:* **Cancel the action**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| System will cancel the editing action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Survey is not changed |

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| **Business Rules:**  *This section includes a statement that defines a limitation, restrictions calculation, or any rule that affect the use case* |
| * Same as add survey |

* + - 1. Delete Survey

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 52 | | |
| **Name**  *Name of use case* | Delete Survey | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

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| **Brief Description:**  *A brief textual description of what the use case does* | Delete an existing survey from the system |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “SurveyManagement” to delete a survey |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “Configurations” from system side menu. 2. System will show list of configurations. 3. Actor will open “SurveyManageMent”. 4. Actor will choose survey and delete it. 5. Actor will confirm. 6. System will delete the survey. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Survey deleted |

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| **Alternate Flow (6)***:* **Cancel the action of deleting role**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the deleting action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| Survey is not deleted from the system |

6.0.0.0 FingerPrint Management

6.0.0.1 Add FingerPrint

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| --- | --- | --- | --- |
| **ID**  *A unique identifier for the use case* | 60 | | |
| **Name**  *Name of use case* | Add FingerPrint | | |
| **Version**  *Use case version*  *(A chronology of the use case)* | **Description**  *Determine the change in the version* | **Changed By**  *Author who did the change* | **Date**  *New version date* |
| V1.0 | First draft | Saad Al-Mubarak | 09/04/2019 |

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| --- | --- |
| **Brief Description:**  *A brief textual description of what the use case does* | Add new fingerprint to the database |
| **Business [System] Trigger:**  *A trigger is the initiator of a use case. It is what causes the use case to start* | Choose “Add fingerprint” to Add into database |
| **Preconditions:**  *something that happens before the use case starts* | Actor has the proper privilege |
| **Assumptions:**  *An assumption is a state that must be reached before the Use Case can be performed, but does not specify an actual precondition of this Use Case* | Actor has logged in to the system |
| **Actor(s):**  *The people or systems who interact with the use case.* | Admin |
| **Priority:**  *An indicator of this use case’s importance, which is helpful in solution planning* | High |

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| --- |
| **Basic Flow:**  *This section includes the main flow of events that describes a single path through the system. It specifies the interactions between the actor and the system for an ideal condition.* |
| 1. Actor will open “FingerPrint Management” from system side menu.  2. System will show list of options.  3 . Actor will open “Add FingerPrint”.  4. Actor will enter customer Id.  5. System will search the database for existing fingerprints associated with the entered .  6. Actor will insert fingerprint through scanner .  7. system will check image quality and save into database. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| FingerPrint inserted. |

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| --- |
| **Alternate Flow (1)***:* **Cancel the action of inserting fingerprint**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. System will cancel the inserting action. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| fingerprint is not inserted into database. |

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| **Alternate Flow (2)***:* **FingerPrint Already existed for specified Id**  *This section describes a scenario other than the basic flow that results in a user completing his or her goal.* |
| 1. Actor will open “FingerPrint Management” from system side menu.  2. System will show list of options.  3 . Actor will open “Add FingerPrint”.  4. Actor will enter customer Id.  5. System will search the database for existing fingerprints associated with the entered  And finds matched image.  6. System will remove the existed image/s from the database.  7. Actor will insert fingerprint through scanner.  8. system will check image quality and save into database. |
| **Post Condition:**  *This section describes what happens when the process completes successfully and what happens when the process does not complete successfully* |
| New FingerPrint inserted. |