1.External Interface Requirement

1.1 HardWare Interfaces:

HI-1: Windows, OsX or Linux required.

HI-2: Ethernet, Wi-Fi for wireless, (LANs) local area network is required.

1.2 Software Interfaces:

SI-1: The tool can be connected with MySQL and Oracle database.

S2-2: Is developed in M.E.V.N stack. So, Visual Studio Code is required.

2. System Features:

2.1 Creating new user

2.1.1 Description and Priority:

This feature emphasizes to ability to create new user into the system with spesific informations. The user fill the informations correctly and if the user does not fill some of the blank which is necessary, the system should send an alert to the user. Priority = High

2.1.2 Stimulus / Response Sequences:

The system asks the user to enter some spesific information when creating a new user. After creating a new user, it can be shown in the system with unqiue ID number, UserName, Email and Enabled status. ID is generated by the system and automatically assigned to the user

2.1.3 Functional Requirements:

REQ-1: The user should click "+New User" button.

REQ-2: After clicking "+New User" button, the user should fill the Username section.

REQ-3: The user should fill the Display Name section.

REQ-4: The user should fill the Phone section.

REQ-5: The user should fill the Email section.

REQ-6: The user should select their roles with User Roles section as Guest, Admin or SuperAdmin.

REQ-7: The user should click the button according to the their enabled or disabled choice.

REQ-8: The user should click the Save User button after filling all the necessary informations.

REQ-9: The system should create new user after these steps.

REQ-10: If the user wants to hide disabled user from the list, his or her should click the Hide Disabled User button.

3.Performance Requirements:

- The system should react within 2 seconds when the user clicks any button.

- If any error appears during the creating new user, the system should display an error message within 2 seconds.

-If the user exits without saving the new user's information, the system should send a warning within 2 seconds.

4.Security Requirements:

- If the user tries to create a new user with same email, the system should warn whether the user has knowledge or not.

-If the system thinks that the email address entered when creating a new user does not exist or is fake, it should not allow the creation of the new user.

5.Creating New User Sequence Diagram: