

# **User Registration:**

## **Use Case Name:**

User Registration

## **Actors:**

User, System, Security system, Database

## **Description:**

The user enters a mobile number or email-id and password.

The System will authenticate it.

## **Main Scenario:**

1. User Enters Mobile Number for register into web portal for the first time.
2. The Admin sends OTP to the phone number.
3. After entering valid OTP user is registered into Database.
4. Once user has registered into our system now user can login.
5. User can login via phone number or Email-id and password.
6. Registered User may Forgot the Password.
7. System will verify it and directed to portal's homepage.

### **Alternative Scenarios:**

- 1.1 : The user enters the invalid Mobile Number.
- 1.2 : The system informs the user to change the mobile number.
  
- 2.1 : The user do not receive OTP
- 2.2 : The user press resend OTP and get response from system with new OTP.
  
- 3.1 : The user enters the invalid OTP.
  - 3.1.1 : The system sends the message to resend the OTP.
  - 3.1.2 : The user can press resend OTP button get new OTP from system
  
- 5.1 : The user can enter wrong number, email-id or password.
- 5.2 : The system sends the appropriate invalidation message to the user to provide valid email or mobile number
  - 5.2.1 : User enters invalid password for valid email
  - 5.2.2 : User get message of invalid password from system

6.1 : User has privileges to change the password

6.1.1 : User requests for change the password

6.1.2 : The System verify the user and sends the message to enter the new password.

6.1.3 : The user submit it and can log in now with the that new password.

### **Pre-Condition:**

The user knows basics information of the web portal user registration method.

System must be accessible during registration process.

The user have knowledge of language that portal use.

### **Post-Condition:**

The system's state is updated to reflect the addition of a new user account, including storing the user's data securely.

The user should have access to appropriate features and functionalities within the application or service.

## Sequence Diagram:

