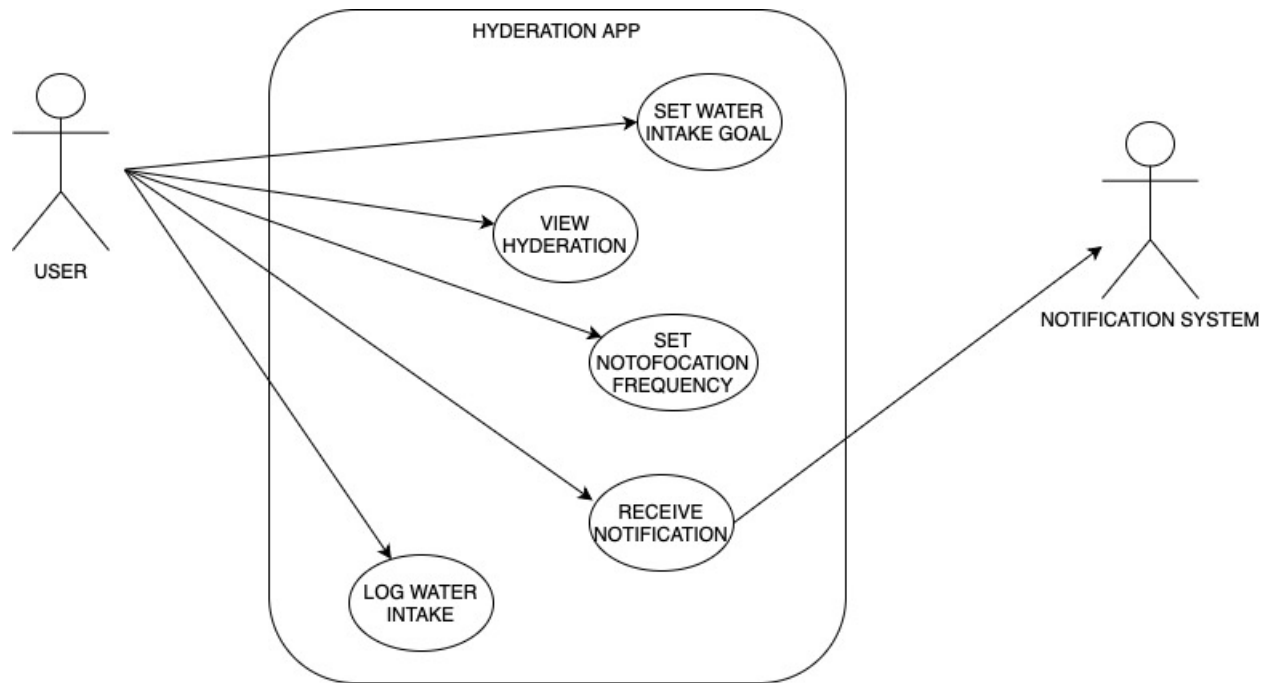# IC2 - Use Case Diagrams + Activity Diagrams
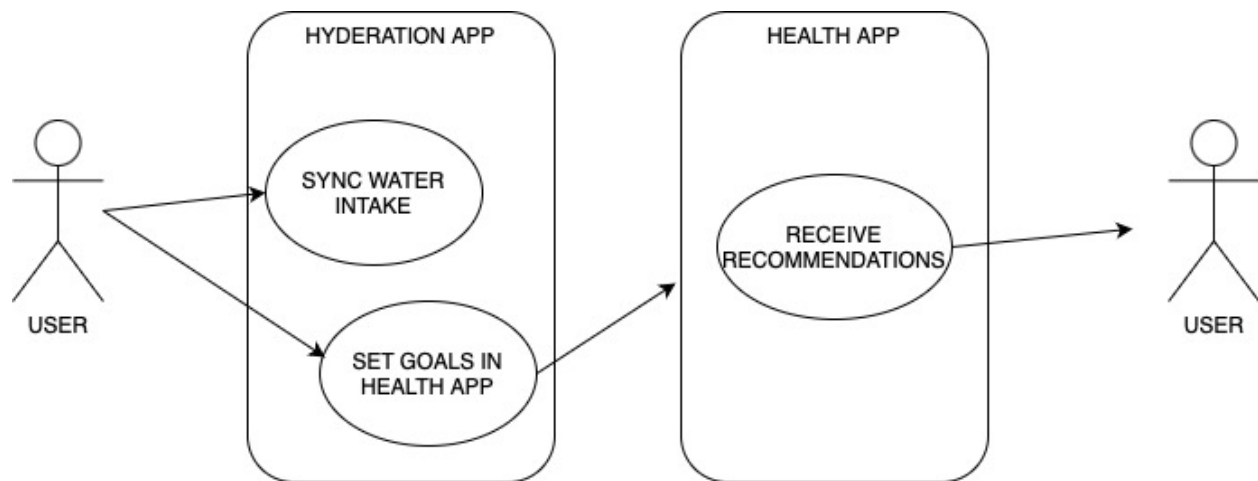# Water Reminder Application

(Yaswanth Naga Babu Kommineni, Likhithasree Kommineni, Srinija Reddy Kotla)
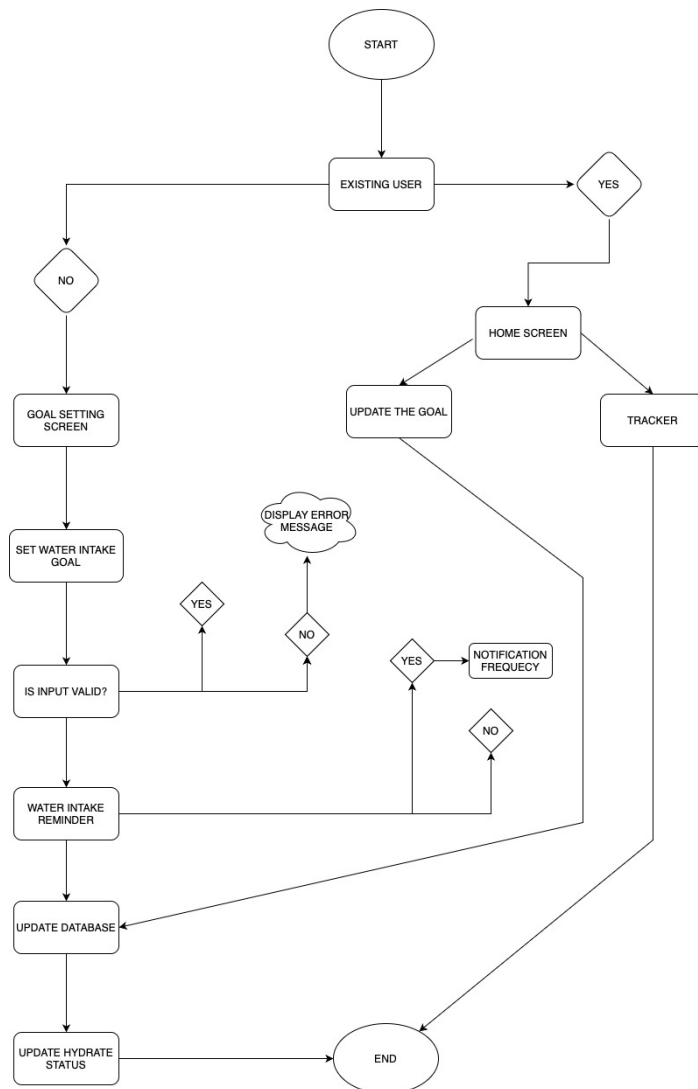
USE CASE 1

USE CASE 2

ACTIVITY DIAGRAM 1

```
                          ( START )
                              |
                              v
   +--------------------[ EXISTING USER ]--------------------> < YES >
   |                                                             |
   v                                                             v
 < NO >                                                    [ HOME SCREEN ]
   |                                                      /              \
   v                                                     v                v
[ GOAL SETTING                              [ UPDATE THE GOAL ]      [ TRACKER ]
    SCREEN ]
   |
   v                        ( DISPLAY ERROR
[ SET WATER INTAKE            MESSAGE )
      GOAL ]                      ^
   |                    < YES >   |  < NO >
   v                      |       |    |       < YES > --> [ NOTIFICATION
[ IS INPUT VALID? ]-------+-------+----+         |             FREQUECY ]
   |                                             |
   |                                           < NO >
   v
[ WATER INTAKE
   REMINDER ]----------------------------------+
   |
   v
[ UPDATE DATABASE ]
   |
   v
[ UPDATE HYDRATE ]----------------------> ( END )
    STATUS
```

ACTIVITY DIAGRAM 2

```
                    ( START )
                         \
                          v
[ APP CHECK THE      [ APP SENDS        [ USER LOGS WATER    [ APP UPDATES
   TIME AND     -->    REMINDER     -->      INTAKE ]    -->   HYDERATION LOG
  HYDRATION           NOTIFICATION ]                           IN MANGODB ]
   STATUS ]                                                         \
                                                                     v
                                                                  ( END )
```