As a <type of user>, I want <activity> so that <business value>.

Bir <kullanıcı> olarak, <şu işlemi> gerçekleştirmek istiyorum. Böylece <şöyle bir fayda> sağlayabilirim.

# Functionalities:

1. User Create an Account.
2. User login to the application.
3. User get notifications from the mobile app.
4. Water level tank shall use a sensor to indicate the water level.
5. Device shall use sensors to display the soil quality and humidity.
6. Device shall irrigate the soil by considering the humidity by using a water tank and some tiny irrigation engine.
7. Device send information via wireless connection.
8. User shall be informed of the soil situation and water tanks water level.
9. In terms of collected parameters from the hardware device, an AI model will generate predictions which is in the mobile app. These predictions give the optimal information about the overall condition.

# User Stories

As a user, I want an application to use the smart irrigation system effectively. First, I have to create an account for the app. Then, I want to control and monitor my smart irrigation system by logging into the application with this account information. I want to be informed about the water level in the water tank by receiving instant notifications via the mobile application.

A sensor must be used to determine the water level in the water tank of the irrigation system. It is also important to use sensors to measure soil quality and moisture. Thanks to these sensors, I want to understand the soil condition and intervene when necessary.

The soil should be watered by taking into account the moisture level during the irrigation process. This process should occur through a water tank and a small irrigation engine. Thanks to the wireless communication feature, I can constantly monitor the information coming from the system and be informed about the current situation and control it as I wish.