Elixir

Smart Irrigation and Agriculture System

Admin Manuel

\*This manual can be used for Elixir Portal version 1.0.0 and newer.

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# General features

## Access to Interface

Elixir is a web-based application. It can be accessed from <http://elixirapp.live/>

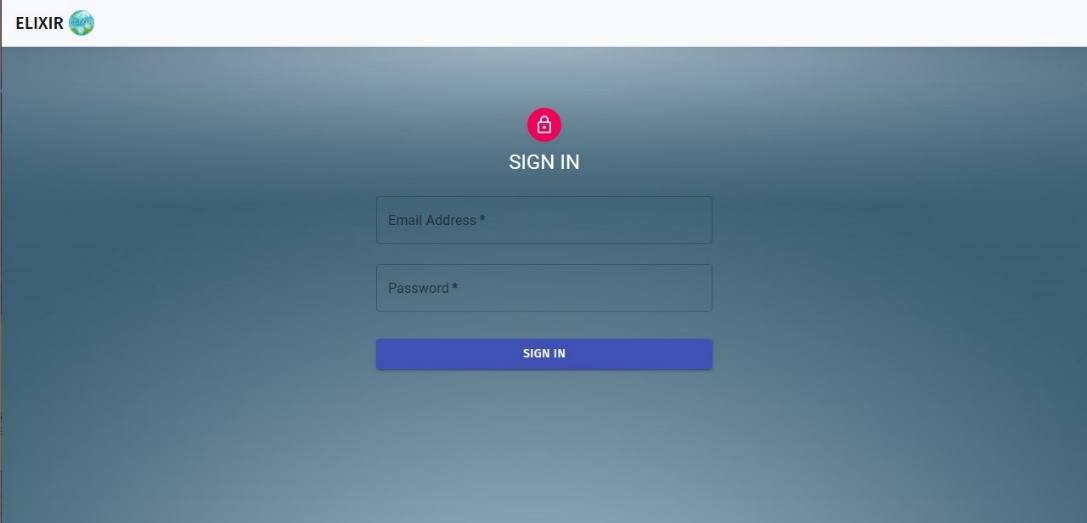
***Note****: The browser recommended for Elixir is Chrome and Firefox, and the screen resolution is 1920 \* 1080.*

Figure 1: Login Page

## Login

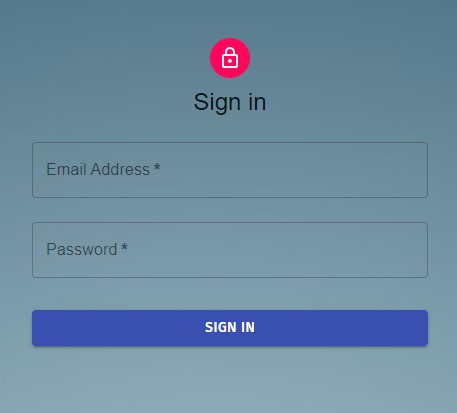
The user must enter their **Email** and **Password** and click the **SIGN IN** button to access Elixir.

Figure 2: Sign in Panel

When you Sign in Elixir will got to the **Home Page** to show your general information. For more information about the home page check Section 3, Page 10.

***Note****: If the wrong* ***Email*** *or* ***Password*** *information are entered an error message will be given.*

***Note****: If these are correct than a simple message will prompt the user that the login is successful and the suer will Signed In*.

## Navigation Bar

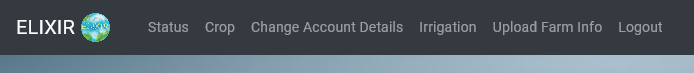
After logging into the application, navigation bar can be displayed on the top side of the page. When a user wants to access a page through the navigation bar, they can click on the name of the module they want to access, then they will be directed to the relevant page.

Figure 3: Navigation Bar

***Note:*** *The Elixir Logo will take you to the home page.*

## Logout

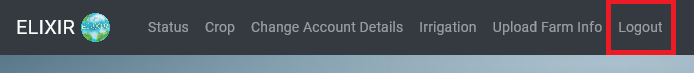
To Logout from Elixir, use the **Logout** button option located in the upper most left part of the navigation bar.

Figure 4: Logout Button

## User Profile

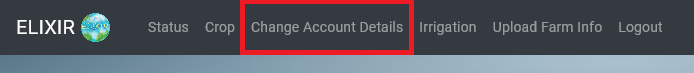
To access the user profile page, use the **Change Account Details** option located in the upper right part of the navigation bar. Then click to access it.

Figure 5: Access to Account Details

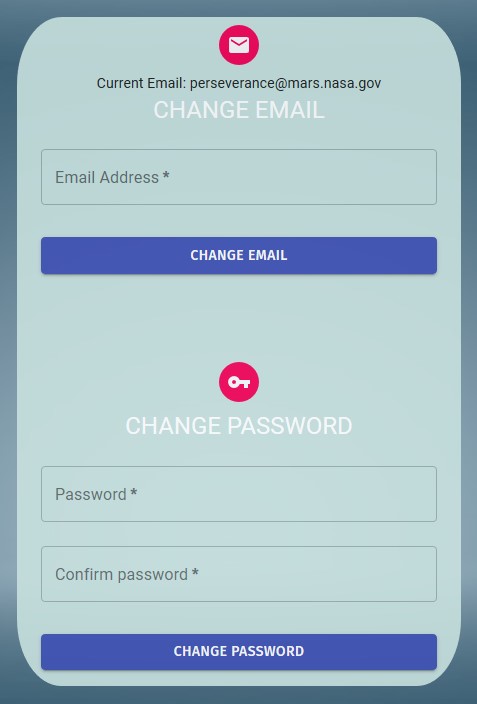


Figure 6: Options in Account Details

This section has two options **Change Email** and **Change Password.**

**Change Password:**

The user can change his/her password within this panel. To do this, enter the new password in the **Password** fields. In order to change the password, the following criteria must be met:

* Password must contain at least 8 characters.
* Password must contain at most 256 characters.

If these conditions are met the user will be able to change their passwords by clicking the **Change Password** button.

The password is not updated in the following situations and the user is warned:

* The new password does not meet the requirements.

***Important Note: Password and Confirm Password must not be empty and they must match to change the password.***

***Note****: Your initial password will be sent to your* ***Email******address,*** *that was given to the Admins of Elixir.*

***Note:*** *For security purposes the Admins do not know your password and the initial password that was set will be sent automatically.*

**Change Email:**

The user can change his/her **Email** within this panel. To do this, enter the new Email in the **Email** fields. In order to change the Email. In order to change the password, the following criteria must be met:

* Email must be a valid email address.

If these conditions are met the user will be able to change their mail by clicking the **Change Email** button.

The email is not updated in the following situations and the user is warned:

* Entered email is not valid email address.

# Admin Panel

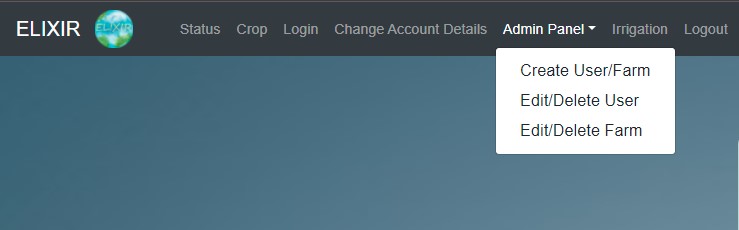
To access the Admin Panel, use the **Admin Panel** option located in the upper left corner of the application. Then click on the **Admin Panel** option to access a dropdown list of Admin options.

Figure : Admin Options – Dropdown Menu

## Create User and Farm

From the **Create User/Farm** option, the admin can create a normal user and their farm.

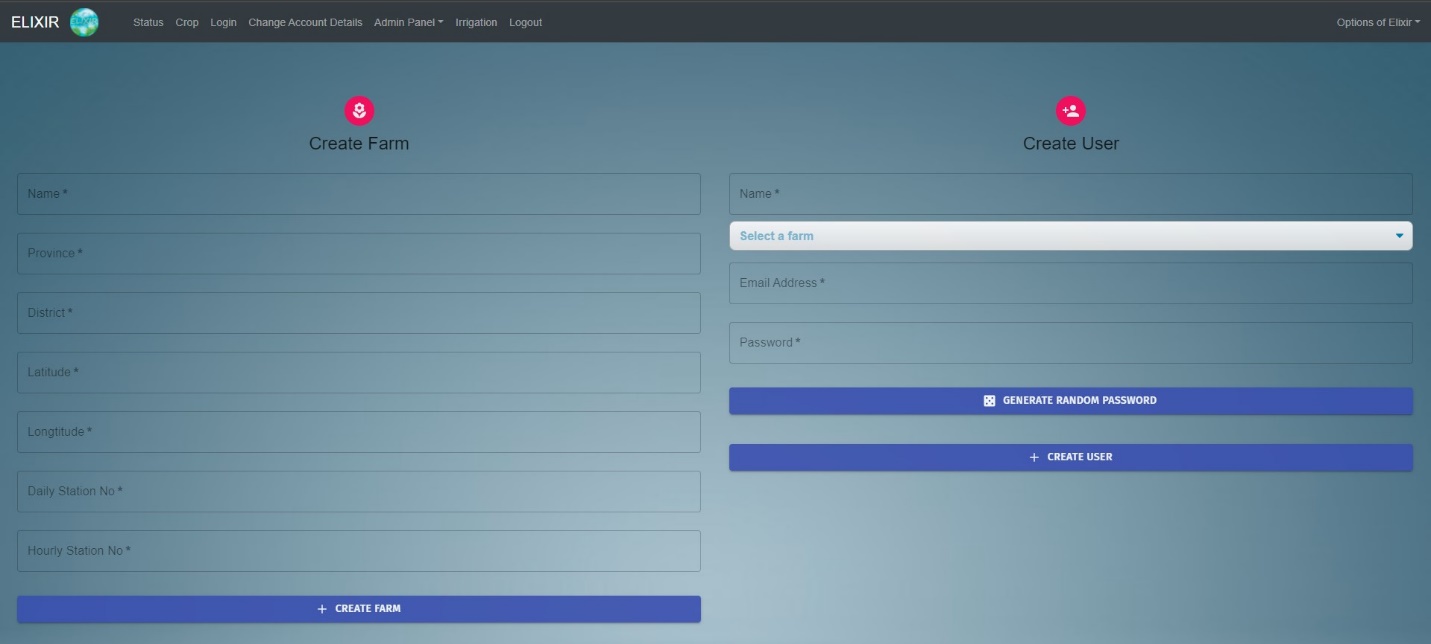


Figure : Create User and Farm Page

İstasyon girmek için - http://www1.mgm.gov.tr/kurumsal/istasyonlarimiz.aspx

Lat ve Long firmek için tavsiye edilen site: - https://www.gps-coordinates.net/ ama başka sitede kullanabiliriz

### Create Farm

The admin can add a farm to Elixir, on behalf the user. To do this, Enter the Name, Province, District, Latitude, Longitude, Daily Station No and Hourly Station No. fields. In order to successfully create a farm, the following criteria must be met:

* All fields must be filled,
* Coordinates must be numerical and valid,
* Hourly Station must be valid,
* Daily Stations must be valid.

If these conditions are met the admin will be able to create a farm by clicking the **Create Farm** button.

Figure : Create Farm Form

The Farm is **not created** in the following situations and the admin is **warned**:

* The coordinate inputs are **not valid**,
* If there are any **empty** inputs,
* If the Hourly Station are **not valid,**
* If the Daily Stations are **not valid.**

### Create User

The admin can add a new User to Elixir. To do this, Enter the Name, E-Mail, click the generate password button, and select a farm. In order to successfully create a User, the following criteria must be met:

* All fields must be filled,
* A farm is selected,
* E-Mail address must be valid,
* The password input is filed.

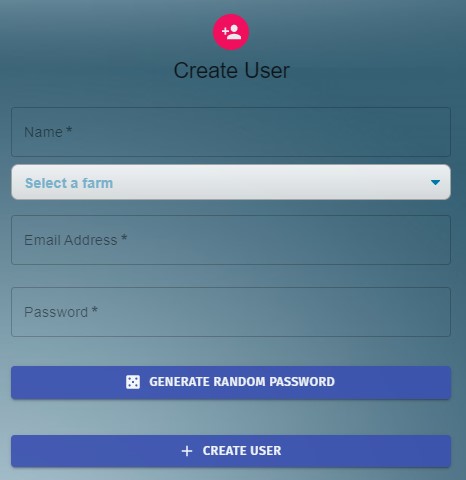
If these conditions are met the admin will be able to create a new User by clicking the **Create User** button.

Figure : Create User Panel

The User is **not created** in the following situations and the admin is **warned**:

* If there are any **empty** inputs,
* E-Mail address is **not valid**,
* Password input is **empty.**

*Note: The after the current User credentials are entered by and a random password is generated, an email is sent to the User which contains their password.*

*Note 2: The admin may set the User’s password them self but the User will have the option to change their password after they are logged in.*

## Edit or Delete User

## Edit or Delete Farm