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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1. General features

1.1. Access to Interface

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

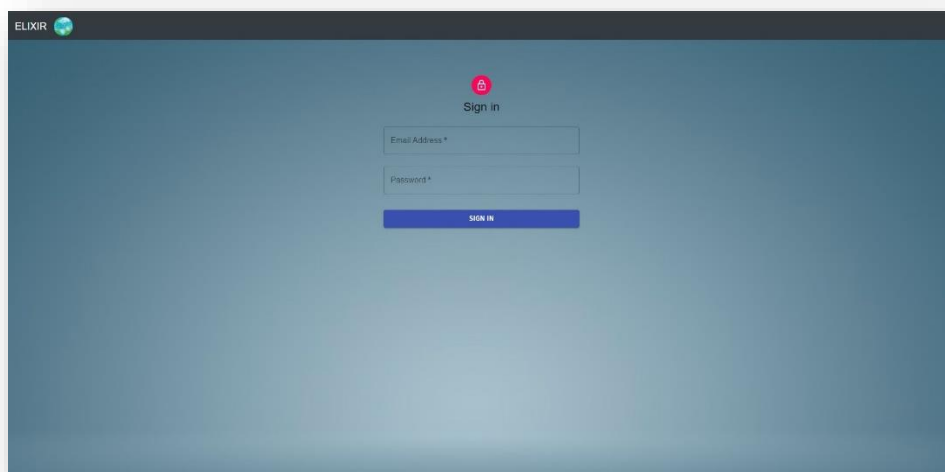*Note: The browser recommended for Elixir is Chrome and Firefox, and the screen resolution is 1920 * 1080.*

Figure 1: Login Page

1.2. Login

The user must enter their **Username** and **Password** and click the **Login** button to access Elixir

Figure 2: Login Panel

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

1.3. Logout

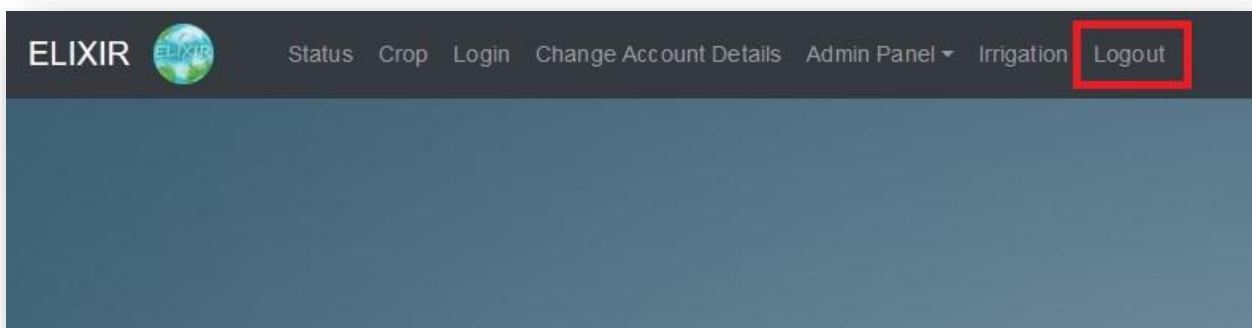To Logout from Elixir, use the **Logout** button option located in the upper left part of the navigation bar.

Figure 3: Logout Navbar Button

1.4. User Profile

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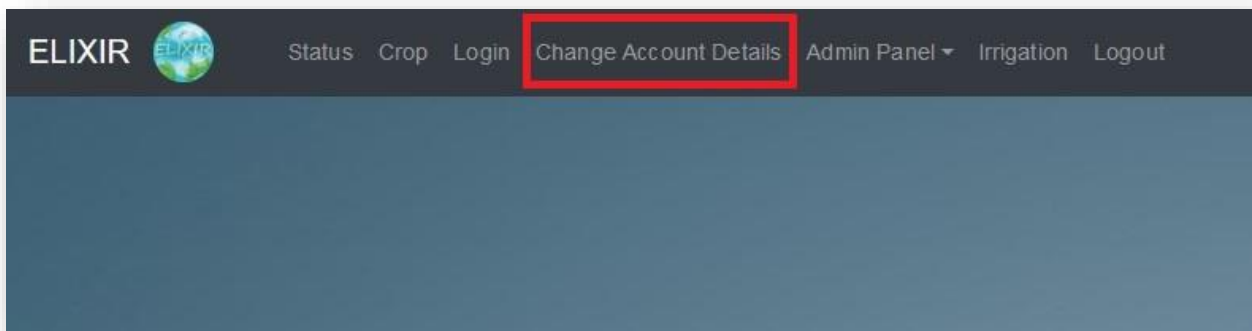

Figure 4: Access to Account Details

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

Figure 5: Options in Account Details

The user can change his/her password within this panel. To do this, enter the new password in the **New Password** fields. In order to change the password, the following criteria must be met:
- Password must contain at least 8 characters.
- Password must contain both numerical and alphabetical 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.

2. 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.
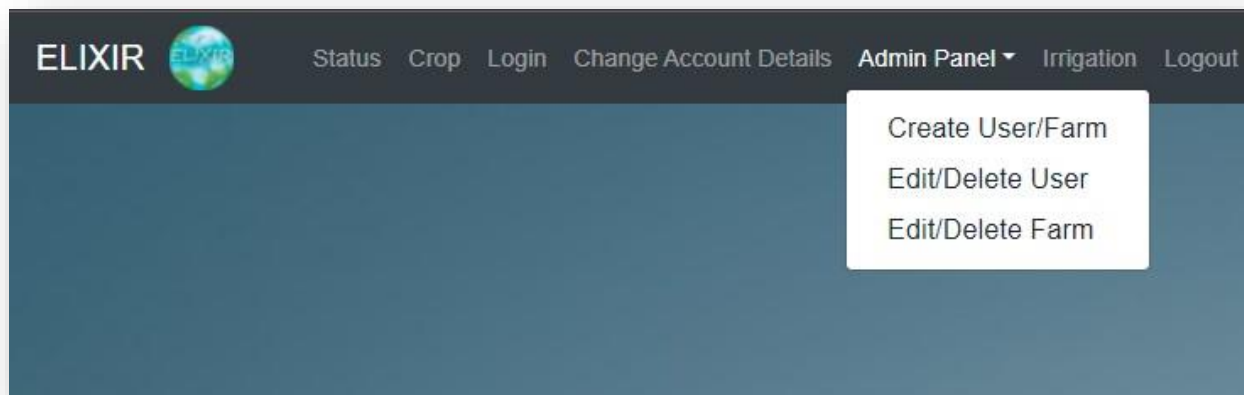

Figure 6: Admin Options – Dropdown Menu

2.1. Create User and Farm

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

Figure 7: Create User and Farm Page

2.1.1. 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 8: 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.**

2.1.2. 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 9: 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.

2.2. Edit or Delete User

2.3. Edit or Delete Farm