

9.1 User Manuel For Web Page

Technology

- Asp.net MVC
- Entity Framework(Code First)
- C# programming language
- Project Design (Html5, Bootstrap, JavaScript, JQuery)
- MSSQL

Step 1: Open Page

If you are registered to the system as an administrator, you can login to the Web Page. When you type your administrator email and password and click login, if your password and email are correct, you will be logged into the site. If not, you will get an error message.

Step 2: Login

When you log in, you will be directed to the page you will see with the date and disease names under the photos taken and uploaded by experts in the mobile application. Here you will find the photos sorted by the date they were uploaded.



Step 3: Search Photo

By typing the disease you are looking for in the search box on the page, you can get the photos of that disease.

Step 4: Photo Review

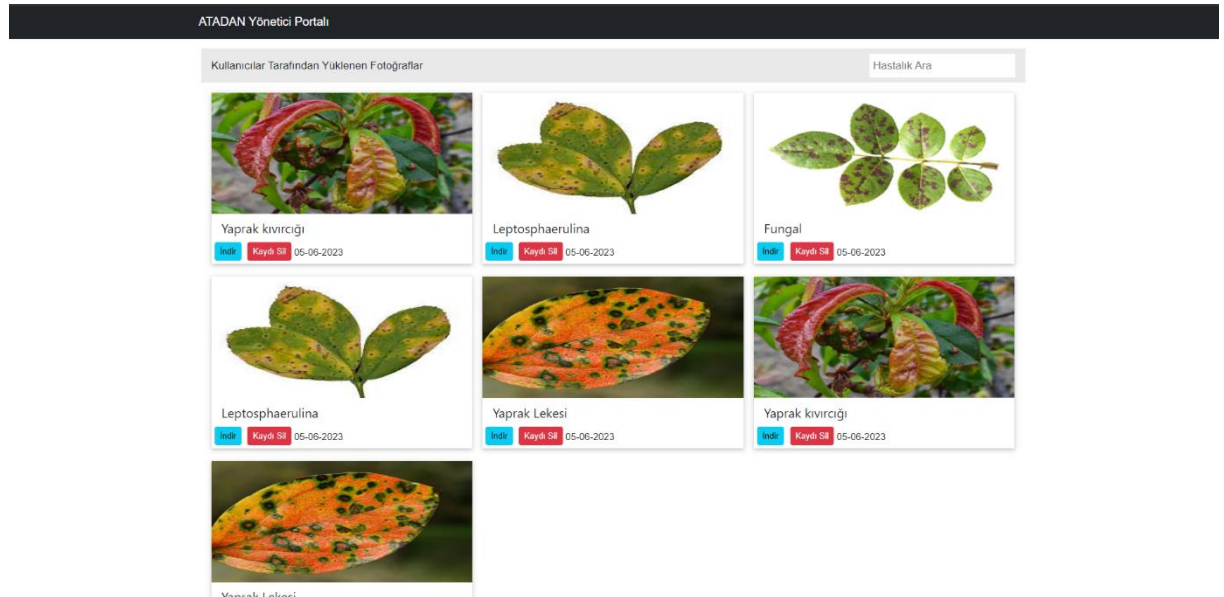
When you click on the photos, you can see the larger version of the photo in a new tab.

Step 5: Download Photo

When you click the download button under the photos, the photo will be downloaded to your computer's local memory. You can use this photo to develop your model.

Step 6: Delete Photo

When you click the delete button under the photos, the photo is deleted from the database and will not appear on the site again. This prevents a photo from being used more than once by different managers to train a model.

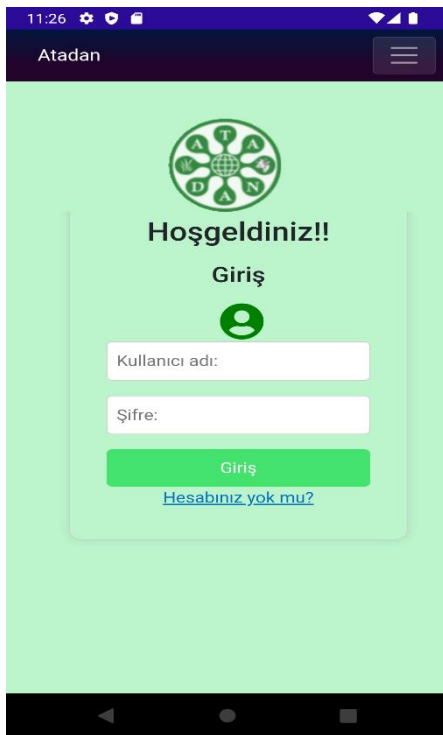


9.1 User Manuel For Mobil Application

- Technology
- .Net Maui
- MI Onnx
- Control Maps
- Six Labors
- Skia Sharp
- Tensorflow AI Model
- Onion

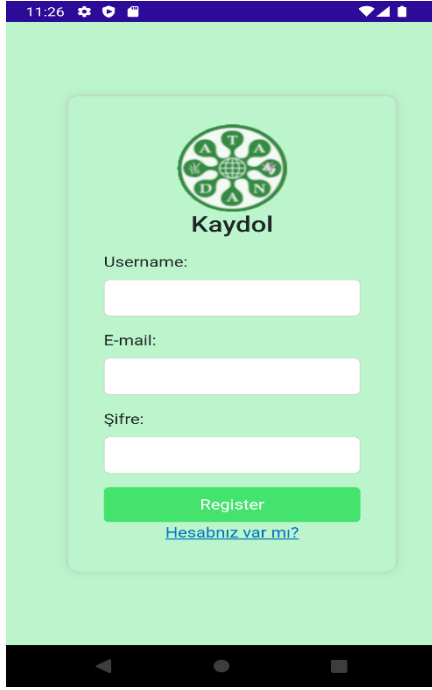
Step 1: Open Page

If you don't have an account registered, "Don't have an account?" at the bottom of the login page. By clicking on the text, you will be directed to the sign up page. On this page, you can register by typing your username, email and password information.



Step 2: Login

You can log in to the application with your user name and password registered to the system. If the username and password are incorrect, you will get an error message.



Step 3: Navigation Bar

After logging in, you will see a navigation bar with 5 options.

These options are: Homepage, Weather, Login, Sign Up, Contribute to Artificial Intelligence.



Step 4: Home

There are 3 buttons on the homepage. These are: Take photo, Open gallery and Predict disease buttons.



Step 5: Upload a photo

You can take a photo from your device's camera with the "take a photo" button on the homepage. The other option is to upload a photo of your choice from the gallery of your device with the "Open gallery" button.

Step 6: Disease Prediction

After uploading your photo, you can have the model show you the disease prediction by pressing the "guess the disease" button.

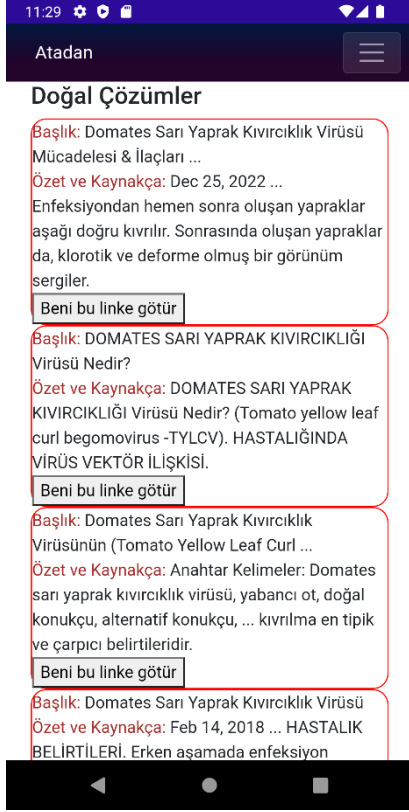


Step 7: Disease Result

On the screen that opens, the photo you upload and the detected disease are shown with the probability of accuracy.

Step 8: Solutions

As a result of the disease, there are two buttons at the bottom. When you click on the "Natural Remedies" button, the page with suggestions for natural remedies opens. When the "Chemical Solutions" button is pressed, you are directed to the map showing the closest pesticide shops.



Step 9: Weather

Clicking on the weather will show the weather of your area.

Step 10: Contribution to Artificial Intelligence

When you click on the contribution to the artificial intelligence, there are boxes where you can upload a photo and the necessary information about the disease. If you fill in this information and click the "contribute to artificial intelligence" button, the information is saved in the database.

