

Çağrı Erciyes:

I created image folders separately for each leaf species which I collected last week in METU Campus. I shared all of them with my friends to use in app development, image processing and deep learning parts.

I worked development of our segmentation code .My aim was that preparing the image suitably for feature extraction part. Main focus was removing the stem, cropped the leaf image and eliminate small failure components from the image and produce much quality binary image.

İlke Çuğu:

I tested pre-trained Caffe with 20 "Akçaağaç" images which I shared at openproject. Results can be found at results.txt of task#254 and I started to learn neural networks for machine learning via Coursera.

Eren Şener:

I have installed Caffe Framework this week. (Which took more than 3 days to solve issues regarding to installation.) And I have also worked on the pyCaffe example. Results for the given leaf image by framework were irrelevant. It is not important for us since we will use the extracted features of it.

Burak Balcı:

I improved the contour detection algorithm and obtained the center contour distance feature. I also read some lecture notes of computer vision lecture of Cornell University. I worked on gradient and magnitude features of image. I am also learning about Lab colour space. It could help us to eliminate background. Currently I am working on detecting venation points and background elimination.

Emre Akın:

Android search feature has now better design and efficiency. Users can be able to find what they are looking for easily. Instead of pressing the search button, now while each character is inserted to the edit text, adapter of the list view which contains leaf image, name and Latin name shows the results dynamically.

I have researched how custom buttons are used. And I have found how it happens. There are three options.

- The first one is button consisted of just background image we specified in xml file.

- The second one is button consisted of an image and text field that explains what the button is doing. And also rounded corners.

- The third one is button consisted of an image we specified in xml and custom rounded corners.

I have chosen the second option.

Also, I have researched web view usage. And finally I have found it and almost done with it. At least now, when user clicks one item from the list view, wikipedia cite is opening in our application and shows the related web page. Moreover, user can visit pages in the cite as an additional feature.
