Sprint Evaluation

What is the progress of your project in this sprint? What goals are achieved? What problems are overcome? If you are updating your plans what are your justifications?

- We have completed our research on Deep Learning and decided on using Caffe Framework. There were some problems with updating Ubuntu 12.04 to 14.04 but at the end we successfully updated our computers.
- We started gathering leaf images, and it is still in progress as we planned.
- We researched Caffe framework to understand its availability on detection whether the image is of a leaf or not.
- We researched distinctive image features for leaves.
- We have finished building android first prototype. There was just one problem occurred during this sprint which is preparing separate tabs for android activity. However, since forming tabs is also part of a design issue which is going to be done in sprint two, we will fix and catch the progress in sprint two.

Team evaluation

How well is your team working together? How many meetings did you hold? Are you planning any changes in your cooperation strategy? Which work is completed by which member (in a Gannt chart)?

- So far so good.
- We have arranged 3 meetings with our Team Leader and 5 meetings without Team Leader until now.
- We don't have any plans to change our cooperation strategy.

Task	Assigned Member	1st week	2nd week	3rd week
Examination of an Android Application for Leaf-Based Plant Identification	Burak Balcı	X		
Examination of Resources to Create a Leaf Database	Burak Balcı		X	
Research About Deep Learning	Burak Balcı			X
Examination of LeafSnap	Çağrı Erciyes		X	
BrainStorm with Ecology Society	Çağrı Erciyes			X
Building Android - First Prototype	Emre Akın	X	X	X
Researching tree and leaf pictures	Emre Akın		X	
Finding leaf examples and Finilizing first step of android application	Emre Akın			X
Data Gathering	Eren Şener	X		
Research on Deep Learning As An Alternative	Eren Şener		X	
Research on Fundamentals of Machine Learning	Eren Şener			X
Examination of MobileFlora	İlke Çuğu	X		
Gathering Leaf Images	İlke Çuğu		X	X
Tree Species in Turkey and METU	İlke Çuğu		X	
Examination of Caffe and TensorFlow	İlke Çuğu			X

Backlog Updates

What are your backlog updates?

- In consequence of our researches, we decided to utilize neural network systems and related software tools applied by professionals in collaboration with our helper image processing algorithms, instead of reinventing the wheel.