Measureguide   Püsödökod

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 started project by reading the manual of multimeter. Each group member analyzed it, then we prepared use cases of multimeter functions. Besides group members started to make research about image process and user interface of application with respect to task distribution. We also revised the start-up document according to leading of our assistant. Each week we arranged a meeting with consultant company.

Team evaluation

How well your is 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)?

Team members try to complete their tasks simultaneously in contact with each group member .Each weekend we make a group meeting and check our development. Moreover each week we try to hold a meeting with consultant company to keep both sides of project updated. We made a change in start-up document and changed couple of tasks' iteration.

Task	Assigned Member	1st week	2nd week	3rd week
Use case analysis(T1), image process research(T2), device recognition(T3), library research(T11)	Sevim Begüm Sözer	T3	T1	T2,T11
Use case analysis(T1), user interface design research(T4), device recognition(T3)	Öykü Özlem Çakal	T3	T1	T4
Use case analysis(T1), user interface design research(T4), device recognition(T3)	Mert Ünsal	T3	T1	T4
Use case analysis(T1), image process research(T2), device recognition(T3), library research(T11)	Sinan Sarıoğlu	T3	T1	T2,T11

Backlog Updates

What are your backlog updates?

- We read the manual of the multimeter to understand it and its functions. Later on, we divide the manual to all team members and we prepared the use cases for the part that we are responsible for. (T1,T2)
- For image processing, we wanted to compare the images to check if the user has accomplished the task. Hence, we took pictures of the measurement device(multimeter) to be used as valid images in image processing. This is the part of a task T7.
- In our start-up document, it was stated that "Sound(T4)" would be finished in sprint 1. However, on the meeting with our assistant we decided to postpone this task to later iterations.
- We decided that "Split MD with IP (T10)" is a very complex task, hence we divide this task into many little tasks like
  - Looking for open source image processing libraries(Image matching, OCR) which are compatible with our purposes.(T11,Sprint1-Sprint2)
  - Detecting the device in whole image.(T12,Sprint2)
  - Drawing the bounding box for the image.(T13)
  - Rotating the image with its corresponding bounding box in order to locate it.(T14)
  - Separating the device into led, switch-rotary and cable parts.(T15,Sprint2-Sprint3)
  - Putting images in the same format with the images in database.(T16,Sprint3-...)
  - Checking image matching for switch-rotary and cable parts.(T17,Sprint3-...)
  - Applying OCR to the led part. (T18,Sprint3-...)