

Interview technical documentation

New title suggested by stakeholder: DRP detector
drp stands for Diabetic retinopathy.

There is a combined image for both eyes named “wide field fundus/retina photo” which is taken with a machine available at the stakeholders workplace. Might be worth looking into to see if the application supports it.

Stakeholder thinks he cannot provide said images for testing, but is still interested in the result.



Prototype

Check images button is somewhat pointless since you want to check all images imported in all scenarios.

Explain judgement should be optional because if the application works its not needed for the user. It would be “interesting to look at” but not needed for regular use.

If the program is not accurate enough to be blindly trusted, the explain judgement button would become required for the application to be trusted.

Export function is useful for patient contacting but should be an automated function that send the data on diagnoses to their general practitioner. This might require an API connected to the patients medical information such as insurance and who to contact.

Requirements

When discussing the Requirements document we agreed on the high priority requirements such as ET01/03/04. But some of the minor requirements were deemed unnecessary. For example we were thinking on making the program be able to export a loaded image and automatically sent it to the right health specialist.

This feature was removed however as the stakeholder did not see any added benefit. While the feature would be quite complicated to implement because of the personal data required from the patient. Additionally there is already a system in place that is used to direct a patient into the right direction that does not require such a feature.

The priority of ET06/07/08 were lowered by the stakeholders request as they found the added value to be minimal.

After these edits the Requirements were approved, see the result below:

NR	Requirement name	MosCow	Priority	Extra Description
ET01	The user can import fundus photo's into the application.	Must	High	
ET02	The user can import multiple fundus photo's at the same time.	Must	Low	
ET03	The application can check the imported photo's for the presence/severity diabetic retinopathy.	Must	High	
ET04	The application can detect the presence of other diseases/problems with the eye present in the photo.	Must	High	Even if this is not the project's main goal, if a disease gets through that an optician would have spotted the program can/will not be used
ET05	The application gives a recommendation of what health department the patient should be referred to.	Must	Medium	
ET06	The application saves any loaded images and allows the user to view them again at a later time.	Must	Low	
ET07	The user can delete loaded images.	Must	Medium	
ET08	The user can view the application's logic on why it gave the result for a specific image	Want	Low	