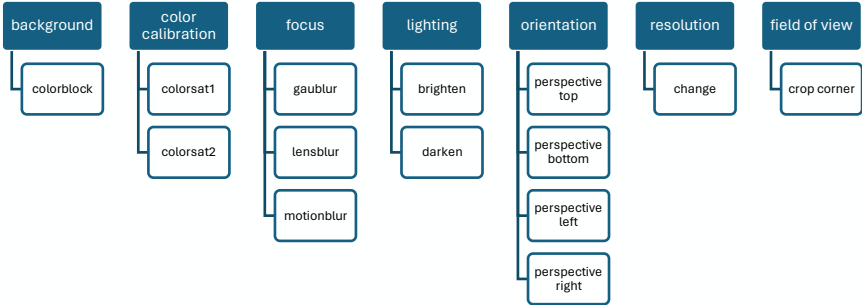


Bachelor Thesis Update [03.05.2024]	
Progress overview	<ul style="list-style-type: none"> - Labeled test images with according to the 7 quality criteria. - Implemented pipeline that distorts image and maps level of severity to [0-1].  <pre> graph TD background[background] --- colorblock[colorblock] colorcal[color calibration] --- colorsat1[colorsat1] colorcal --- colorsat2[colorsat2] focus[focus] --- gaubblur[gaubblur] focus --- lensblur[lensblur] focus --- motionblur[motionblur] lighting[lighting] --- brighten[brighten] lighting --- darken[darken] orientation[orientation] --- perspective_top[perspective top] orientation --- perspective_bottom[perspective bottom] orientation --- perspective_left[perspective left] orientation --- perspective_right[perspective right] resolution[resolution] --- change[change] fieldofview[field of view] --- cropcorner[crop corner] </pre> <ul style="list-style-type: none"> - Worked mainly on updating report. I have written the introduction, literature review, methodology and now I am writing about implementation.
Accomplishment	<ul style="list-style-type: none"> - New test set with labels. - Pipeline that distorts images with different severity. - Report chapter 4.
Challenges ○ [Planned measures]	<ul style="list-style-type: none"> - I tried to work with overleaf to write my thesis but since I have no access to the pro version I encountered some issues with syncing. [I switched back to writing in VSCode.] - The DDI dataset was not very helpful. When sifting through the images I was not content with the images because it was not representative of teledermatological images. [I will not include it in my thesis.] - I have some minor problem with the background segmentation, where it does not segment correctly. [Train my Gaussian mixture model.]
Next steps	<ul style="list-style-type: none"> - Create the Web-Abstract to review. - Update report. - Illustrate the output of the regressor.
Discussion points	<ul style="list-style-type: none"> - Thesis classification: private or public? - Regarding metrics, I am not sure which to consider? I was planning to use accuracy, SRCC and PLCC.
Additional Notes	-
Next meeting	- 17. May 2024
Attachments	-