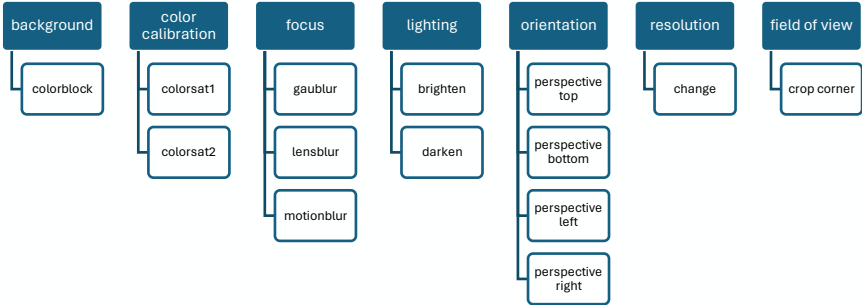


Bachelor Thesis Update [10.05.2024]	
Progress overview	<ul style="list-style-type: none"> - Labeled test images with according to the 7 quality criteria. - Implemented pipeline that distorts image and maps level of severity to [0-1].  <pre> graph TD background --> colorblock color_calibration[color calibration] --> colorsat1 color_calibration --> colorsat2 focus --> gaubblur focus --> lensblur focus --> motionblur lighting --> brighten lighting --> darken orientation --> perspective_top[perspective top] orientation --> perspective_bottom[perspective bottom] orientation --> perspective_left[perspective left] orientation --> perspective_right[perspective right] resolution --> change field_of_view[field of view] --> crop_corner[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. - Implemented pipeline to test the regressor and a single image in inference.
Accomplishment	<ul style="list-style-type: none"> - New test set with labels for each criterion. - 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.] - The MAE and MSE values are not good enough. [Try other models that can capture the complexity]
Next steps	<ul style="list-style-type: none"> - Create the Web-Abstract to review. - Update report. - Find better regressor to capture the complexity of the task.
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 MAE, MSE, SRCC or PLCC.
Additional Notes	-
Next meeting	- 17. May 2024
Attachments	-