| Section | Details |
| --- | --- |
| Progress Overview (inkl. Reasons for Deviations of the Plan) | ✎ Getting familiar with PASSION dataset<br>  − still awaiting answers from Philippe (reminder sent)<br>✎ Literature review (biases, fairness and mitigation)<br>  − there are many different biases out there<br>  − got an overview in table form, texts still outstanding<br>  − fairness metrics and mitigation methods in dermatology could be more detailed<br>✎ Categorize already found biases, fairness metrics and mitigation methods - Scope BAA, Scope Outlook, Out Of Scope<br>  − lots of information to compile (not trusting ChatGPT to do it)<br>  − working to much instead of focusing on BAA<br>✗ Crafting methodology for thesis<br>  − I am stuck in an information overflow and unsure on how to proceed between categorization and crafting the methodology |
| Accomplishments | ✔ Collected an extensive list of biases, sensitive features, fairness definitions and mitigation methods<br>✔ Split mitigation methods between scopes (PASSION, Others)<br>✔ Found interesting and relevant insights e.g. FST scale critique (2025) |
| Risks and Measures | Missing Balance BAA - Work - Life, mainly due to chaos at work<br>• Set clear boundaries at work (work hours, prioritization, delegation)<br>• Shift focus from work to BAA<br>• Plan clear off time for regeneration<br>Struggling to filter the most relevant information<br>• categorize insights into scopes BAA (ML, Dermatology), Outlook, Out Of Scope<br>Deciding on wrong biases or fairness metrics to focus on.<br>• Narrow down the options, justifying the choices<br>• Validate with Ludovic |
| Next Steps | • Follow up Philippe<br>• Finalize categorization of already found biases, fairness metrics and mitigation methods in the already defined scopes<br>• Craft methodology to use during this thesis |
| Discussion Points / Questions | • Best way to follow up Philippe<br>• Dates for mid-term presentation, my suggestion:<br>  − 7.4. trial presentation with AI Research Lab<br>  − 8.4. - 15.4. mid-term presentation<br>• Can't access those papers, both related to ethic / bias in AI for dermatology<br>  − https://jamanetwork.com/journals/jamadermatology/article-abstract/2688587<br>  − https://academic.oup.com/bjd/article-abstract/190/6/789/7603706?redirectedFrom=fullte |
| Additional Notes | - |

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|---|---|
| Attachments | • |
| Protocol | Coordination / Infos<br>• Nadja writes another mail to Philippe with Ludovic in CC<br>• Ludovic coordinates the dates for the presentations<br>• Ludovic will send the 2 outstanding papers<br>Work Load Management<br>• "Treat your future self as a friend" -> think about that when planning / committing to work<br>• Boundaries and focus shift important - limited time for BAA which persists later vs. time at work can be extended<br>Relevance for the Thesis<br>• Representation Learning methods are relevant, since this is used for feature extraction; mitigation methods therefore in scope<br>• FST scale is good to mention, but it cannot be changed during the thesis –> add as proposal (mention practicability, Color Chart Map would need to be done automatically)<br>• While categorizing, keep in mind that certain methods are not possible anyway for the BAA period (e.g. sudden re-labelling); this will narrow the amount of possible methodologies further<br>Data Display<br>• Categorize further, mention only categories in tables and examples in text<br>• Merge Dermatology and Demography in Dermatology columns<br>Citations<br>• For subsequent sentences from the same source - only add the citation on the last sentence<br>• For categories, cite survey, for examples original source |