# TODOS (Post-Interim Report)

1. **~~experiment section, describing the experiment section, give different results on different hyperparameter configuration~~**
   1. **~~FILL Experimental Setup~~**
      1. **~~100 images generated across different combinations of multi c~~**
      2. **~~Talk about what kind of c? eg what text~~**
   2. **~~FILL Hyperparameter Optimization~~**
2. **~~multi control vs single control (qualitative)progressive results, showing multi c better than single c with each condition added starting from single c,~~** 
   * ~~eg: sc: face id; mutlic: faceid, segmentation map~~
3. ~~To test out potentially new approaches to model interaction terms~~
   1. ~~Gaussian Kernel extensions: Anisotropic Gaussian Kernels, Multi-scale kernels~~
4. ~~To test out potentially new approaches to model interaction terms~~
5. ~~Fill Conclusion~~
6. ~~Modify results and evaluation sections~~
7. ~~Tidy model eval section table 5.1~~
8. ~~Ensure all citations are proper and present~~
   1. ~~And the names are all correct (search it up)~~
   2. ~~Format~~
9. ~~Research more on section 5.3~~
10. ~~Tidy up intro and abstract~~
11. ~~Tidy up references (SHOULD FOLLOW GUIDE, NUMERING)~~
12. **~~ENSURE ALL THE ITEMS IN THE GUIDE FOR THE REPORT ARE THERE~~**
    1. **~~In body, add~~**
       1. **~~PROJECT SCHEDULE~~**
          1. ~~The project timeline should be in chart format(? Check guide)~~
       2. **~~DESIGN DOCUMENTATION~~**
    2. **~~Last done - conclusion~~**
13. ~~ADD CLEAR THEME TO THE REPORT, overarching title: {approximated time independent energy function guidance formula with interaction modelling} for training free multi conditional image generation~~
14. ~~Add old project schedule and explain the deviation, can include gant charts for both~~
15. ~~Fill Appendix~~
16. ~~ADD BASELINE – TEDIGAN (QUANTITATIVE RESULTS)~~
17. ~~ADD BASELINE – TEDIGAN (QUALITITATIVE RESULTS)~~
18. ~~check the equations~~
19. ~~Create maybe a clearer diagram on the framework?~~
20. ~~READ EVERYTHING, SPELL CHECK (EDIT WEIRD FLOWS + SPELL CHECK)~~
21. A table of contents page

    AI-generated content may be incorrect.~~final structuring of the report~~
22. ~~Standardize all formatting to APA (spacings, fontsize, in text citation, references, tables, figures, labelling fomatings…etc)~~
23. ~~Tidy table of content (page #, spacings, bolding…etc)~~
24. ~~Tidy table of tables + update (page #, updated figures, 1.5 spacing between lines)~~
25. ~~Tidy table of figures + update(page #, updated figures, 1.5 spacing between lines)~~
26. ~~Update table of content~~
27. Code optimization