Predictions plan

1. Determine the goals of the program: ask Al what the program mainly needs to output.
2. Research current simulations and methods: websites, books, papers, past projects.
3. Produce the design plan for program structure: determine cosmic parameters, decide on main outputs of program and how they will be structured, and assign areas of coding to each of the three ‘coders’. Continue researching into the theory to support the program and quantify the features i.e. redshift, luminosity, density etc.
4. Begin to build the program (alpha).
5. Test preliminary program (alpha) with known values so that we can determine that the program acts as anticipated, if this is not the case then rectify this however if the program runs as hopes then proceed to step 6.
6. Refine program (beta).
7. Test beta. Again, if it requires editing or refining then that is the priority. Whilst this is being looked at by the testers, the values should be overlooked and verified by those working on the calculations. Furthermore, those working on the calculations should be helping the computing people to document their progress.
8. Produce final program with values that can be fed through to the telescope group.
9. Write everything up in the report.