Third Year Project Plan

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The purpose of this document is to create an (approximate) plan for the third year project, in order to be able to keep track of the progress while working on it.

- Up to 15th of November 2020

    ○ Continue to implement on the basic theorem proving

- Up to 22nd of November 2020

    ○ Finish the implementation for the basic theorem proving

- Up to 29th of November 2020

    ○ Implement the depth-ordered resolution

- Up to 6th of December 2020

    ○ Read and digest the paper written by Hans de Nivelle and Ian Pratt-Hartmann
    ○ Think to implementation design

- Up to 13th of December 2020

    ○ Read and research about paramodulation
    ○ Think to implementation design

- Up to 20th of December 2020

    ○ Implement the extension with equality

- Up to 27th of December 2020

Holiday research modalities of testing for the project
Holiday research modalities of producing charts using different APIs

- Up to 3rd of January 2021

Holiday implement some tests for the project

- Ideas could be unit-testing or fuzz-testing (using some instrumentation-based fuzzers such as American Fuzzy Lop)

- Up to 10th of January 2021

Holiday Final polishments before starting to think to experiments

- Up to 17th of January 2021

  - Research possible experiments which could be done in order to collect statistics

- Up to 24th of January 2021

  - Start working on experiment 1

- Up to 31st of January 2021

  - Finish working on experiment 1

- Up to 7th of February 2021

  - Start working on experiment 2

- Up to 14th of February 2021

  - Finish working on experiment 2

- Up to 21th of February 2021

  - Start working on experiment 3

- Up to 28th of February 2021

  - Finish working on experiment 3

- Up to 7th of March 2021

  - As mentioned on Blackboard, between 8th to 26th of March we are expected to present the results, so probably it's worth booking this week only for preparing a presentation (probably) in PowerPoint

- Up to 14th of March 2021

  - Final polishments for the project
  - Could include code refactor

- Up to 21st of March 2021

  - Start collecting ideas for the final report which is due on 11th of May

- Up to 28th of March 2021

- Start collecting ideas for the final report which is due on 11th of May

- Up to 4th of April 2021

  - Final look over the code before submitting it on the next week

- Up to 11th of April 2021

  - Submit the project and start writing on the report (which is between 10000 to 15000 words)

- Up to 18th of April 2021

  - Working on the report

- Up to 25th of April 2021

  - Working on the report

- Up to 2nd of May 2021

  - Working on the report

- Up to 11th of May 2021

  - Last minute checks on the report
  - Submit the report