

The Gantt chart illustrates the project timeline across six months (January to June 2015). The tasks are categorized by color: blue for conception, green for planning, red for MCTS development, orange for parallelization, and purple for reports/presentations. Each task's duration is indicated in parentheses next to its name.

Legend:

- Blue square: Conception
- Green square: Planning
- Red square: MCTS algorithm
- Orange square: Parallelization
- Purple square: Reports/Presentations

Tasks and Timeline:

- Conception (Blue):**
 - Conception report first draft (14 days) from Jan 02 to Jan 16.
 - Conception report last draft (14 days) from Jan 12 to Jan 25.
 - HTML page (1 day) on Jan 25.
 - HTML page final version (1 day) on Feb 02.
 - Documentation (1 day) on Feb 28.
 - Planning assessment report first draft (1 day) on Mar 19.
 - Final report first draft (1 day) on Mar 19.
 - Planning assessment report last draft (1 day) on Mar 19.
 - Project presentation (15 days) from Mar 28 to Apr 12.
 - Creation of the CD of the application (6 days) from Apr 21 to May 07.
 - Demonstration (8 days) from Apr 16 to May 22.
- MCTS Algorithm Development (Red):**
 - Test CAF on Windows (5 days) from Dec 19 to Dec 24.
 - MCTS algorithm (79 days) from Dec 19 to Mar 15.
 - MCTS general algorithm (25 days) from Dec 19 to Jan 13.
 - Test of MCTS algorithm (7 days) from Jan 30 to Feb 06.
 - MCTS applied to TicTacToe (4 days) from Mar 10 to Mar 13.
 - Test of MCTS algorithm on TicTacToe (3 days) from Feb 16 to Feb 18.
 - MCTS applied to Connect4 (12 days) from Feb 19 to Mar 06.
 - Test of MCTS algorithm on Connect4 (3 days) from Mar 09 to Mar 11.
 - MCTS applied to Arimaa (15 days) from Mar 12 to Mar 26.
 - Test of MCTS algorithm on Arimaa versus humans (10 days) from Mar 02 to Mar 11.
 - Test of MCTS algorithm on Arimaa versus other AI (10 days) from Mar 02 to Mar 11.
 - Implement MCTS with Boost (12 days) from Mar 11 to Mar 23.
 - Test of MCTS boost (5 days) from Mar 27 to Mar 31.
 - Implement MCTS with memory (14 days) from Feb 23 to Mar 12.
 - Test of MCTS with memory management (5 days) from Mar 26 to Mar 30.
 - MCTS time test (statistics) (5 days) from Mar 13 to Mar 18.
 - Test of MCTS time (4 days) from Mar 20 to Mar 25.
- Parallelization (Orange):**
 - Converter (9 days) from Dec 19 to Dec 28.
 - Implement the converter (6 days) from Dec 19 to Dec 24.
 - Test the converter (3 days) from Dec 24 to Dec 27.
 - parallelization (52 days) from Jan 30 to Mar 13.
 - Implement CPU parallelization (10 days) from Jan 30 to Feb 09.
 - Test CPU parallelization (4 days) from Feb 13 to Feb 17.
 - Implement cluster parallelization (10 days) from Jan 30 to Feb 09.
 - Test cluster parallelization (4 days) from Feb 17 to Feb 21.
 - Implement GPU parallelization (10 days) from Feb 02 to Feb 12.
 - Test GPU parallelization (4 days) from Feb 19 to Feb 23.
 - Tests in depart (10 days) from Feb 25 to Mar 10.
 - Tests on Grid500C (7 days) from Mar 03 to Mar 10.
- Reports and Presentations (Purple):**
 - Reports and presentations (113 days) from Dec 19 to Mar 15.
 - Conception report first draft (20 days) from Dec 19 to Jan 19.
 - Conception report last draft (6 days) from Jan 23 to Jan 29.
 - HTML page (14 days) from Dec 19 to Jan 02.
 - HTML page final version (5 days) from Jan 05 to Jan 10.
 - Documentation (10 days) from Mar 19 to Mar 29.
 - Planning assessment report first draft (20 days) from Feb 16 to Mar 19.
 - Final report first draft (20 days) from Feb 16 to Mar 19.
 - Planning assessment report last draft (5 days) from Mar 19 to Mar 24.
 - Final report last draft (10 days) from Mar 19 to Mar 29.
 - Project presentation (15 days) from Mar 28 to Apr 12.
 - Creation of the CD of the application (6 days) from Apr 21 to May 07.
 - Demonstration (8 days) from Apr 16 to May 22.