Test plan composed by Barsegyan Harry

**Introduction**

This test plan describes the testing process of the Knight application as part of a test assignment.

**Test items:** Knight Application.

**Functionality to be checked:**

* Main form control elements: Start button, Choose Decision combobox, Play button, Slow Play - Fast Play trackbar, Animate checkbox.
* Menu: File | Select Start Position, File | Go, File | Clear, File | Play Decisions, File | Options…, File | Exit, Help | About.
* Options: Lines Number, Cell Side, Delay Between Moves, ms, Show Branches Detailed Info, Show Graphics during Calculations, Write Branches To File, Write Max Branches To File, View Mode.

**Approach:**

The main testing strategy is an approach based on exploratory testing (due to the lack of a complete technical task), as well as a specification-based approach (description and functionality of the application elements).

**Entry criteria for testing:**

- The test platform is set up and stable;

- Access to the software to be tested is available.

**Exit criteria for testing:**

- Testing of the main form control elements is completed;

- Menu testing is completed;

- Options testing is completed.

**Test results:**

- Test plan;

- List of found errors.

**Time estimates:**

Total time spent on the test assignment:

Requirements analysis, Preparation of test documentation (Test plan, List of found errors), Testing of main form control elements, Menu testing, Options testing.

2 days