EECS 22L: Chess Alpha Release

Prepared by: Nistha Tandiya, Shang Ma, and Prof. Rainer Dömer

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The third deliverable in the chess project is an alpha version of the chess program for the user, as well as the corresponding alpha version of the program source code and documentation. While certain shortcomings are expected for an alpha version (e.g. the program makes illegal moves, sometimes crashes, and/or several of the optional features are incomplete), the deliverables should give a good impression of the state of the implementation and provide an early "preview" of what the final release will be.

User/Customer Package (Chess_Alpha.tar.gz)
For full credit (100%), the binary package for the user should have the following file hierarchy :

- **README**

    - author, version, date, general instructions $\cdots$

- **COPYRIGHT**

    - author and copyright

- **INSTALL**

    - installation instructions

- **bin/**

    - binary directory
    - *bin/chess* : the executable chess program

- **doc/**

    - directory for documentation
    - *doc/Chess_UserManual.pdf*

Source Code Package (Chess_Alpha_src.tar.gz)
For full credit (100%), the source code package for further developers should have the following file hierarchy:

- **README**

    - author, version, date, general instructions, $\cdots$

- **COPYRIGHT**

    - author and copyright

- **INSTALL**

    - installation instructions (how to compile, install)

- **Makefile**

- – top-level, tool-specific Makefile

- **bin/**

  - – binary directory

- **doc/**

  - – directory for documentation, report, etc.
  - – *doc/Chess_UserManual.pdf*
  - – doc/Chess_SoftwareSpec.pdf

- **inc/**

  - – include directory, with all header file(s) or symbolic link(s) to header file(s)
  - – *inc/Chess.h*
  - – *inc/others.h*

- **src/**

  - – source directory, with all source code files
  - – *src/Makefile*: Makefile for sources
  - – *src/Chess.c*
  - – *src/others.c*

- **test/**

  - – test directory, with
  - – *test/test_interface.c* : check the conversion from user input to coordinates
  - – *test/test_rulecheck.c* : check the output of the rule checker for a given input
  - – *test/test_boarddisplay.c* : check the display of a modified board
  - – or similar

Note that the source code package should include all files needed to build, install, and test the software. In particular, the top level *Makefile* should support the following:

```
% make
% make test
% make clean
```