**Programming II**

**Fall 2021**

**Handong Global University**

**School of Entrepreneurship and ICT**

**Release Notes**

**Team Members**

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# Notes on installation and compilation

*Report here if there is anything special I need to do in order to open your project on Qt Creator and to run it. For instance, you are using images or other files and I need to update the paths in the source files. If that’s the case, please tell me the name of the source file and the line number that I need to update. Remember to add all of the required files to the zip file!*

When testing:

-Normal Mode: Classic mode with 2 players; choose who goes first and play

-10 Moves: Classic mode with 2 players but the game finishes within 10 moves

-Easy AI: Playing versus computer but computer sees at most 3 moves

-Hard AI: Playing versus computer but computer sees at most 10 moves

Although we tried to use the resource files, we are not sure why but QT Designer kept giving us unknown errors, so the directory of the images must be updated. All labels (including background) must be updated and the places where image directories must be updated are shown through comments within the code.

The directories that must be updated are:

-lines 21-26 (function MainWindow constructor)

-lines 61&62 (function on\_start\_button\_clicked())

-lines 458&459 (function button\_slots\_pressed())

-lines 474&475 (function button\_slots\_pressed())

-line 513 (function button\_slots\_pressed())

-line 528 (function button\_slots\_pressed())

-line 596&597 (function ai\_turn())

-line 876 (function on\_choose\_player1\_clicked())

-line 891 (function on\_choose\_player2\_cliked())

# Known bugs/issues

We currently do not know any issues yet, but some room for improvement would be putting a proper delay before the computer puts its piece down and showing the final piece and how it effects the board before ending the game. Although the final piece has an effect on the score, we were unable to show it through the UI. Finally, even though we tried changing the margins or the types of the button, the board button sizes were unable to change and we are not sure why, which makes the icons a bit smaller. Other than these, there are no more issues.