|  |
| --- |
| **CS 1530 – SPRINT 1 DELIVERABLE** |
| **— https://github.com/drb56/CS1530 —**    David Bickford (drb56@pitt.edu)  Craig Kodman (cmk126@pitt.edu)  Joe Meszar (jwm54@pitt.edu)  David Tsui (dat83@pitt.edu) |

# USER STORIES

1. AS A **USER**, I WANT **A PROGRAM TO PLAY CHESS**, SO THAT I CAN **PLAY CHESS ON A COMPUTER**.
2. AS A **USER**, I WANT **THE PROGRAM NAME TO BE “*LABOON CHESS*”**, SO THAT **THE CHESS PROGRAM NAME IS UNIQUE**.
3. AS A **USER**, I WANT A **CHESSBOARD**, SO THAT I CAN **PLAY CHESS**.
4. AS A **USER**, I WANT **CHESS PIECES**, SO THAT I CAN **PLAY CHESS**.
5. AS A **USER**, I WANT **THE CHESS PIECES TO BE REPRESENTED AS THE FIRST LETTER OF THEIR NAME**, SO THAT I CAN **TELL WHICH PIECE IT IS**.
6. AS A **USER**, I WANT TO MOVE MY **CHESS PIECES**, SO THAT I CAN **PLAY CHESS**.
7. AS A **USER**, I WANT TO **ABIDE BY THE UNITED STATES CHESS FEDERATION (USCF) RULES**, SO THAT I CAN **PLAY A REGULATION GAME OF CHESS**.
8. AS A **USER**, I WANT TO **BE WARNED OF ILLEGAL MOVES**, SO THAT I CAN **MAKE ONLY LEGAL USCF MOVES**.
9. AS A **USER**, I WANT TO **HAVE A GRAPHICAL INTERFACE**, SO THAT I CAN **PLAY WITH A MOUSE**.
10. AS A **USER**, I WANT TO **SEE A 2-D OVERHEAD VIEW OF THE CHESS BOARD**, SO THAT I CAN **SEE WHERE ALL OF THE CHESS PIECES ARE PLACED**.
11. AS A USER, I WANT THE **USCF LETTERS AND NUMBERS NEXT TO THE 2-D CHESS BOARD**, SO THAT I CAN **REPRESENT EACH CHESSBOARD POSITION AS A NUMBER-LETTER COMBINATION**.
12. AS A **USER**, I WANT TO **HAVE BLACK AND WHITE CHESS PIECES**, SO THAT I CAN **PLAY CHESS**.
13. AS A **USER**, I WANT TO **HAVE THE BLACK CHESS PIECES ON TOP AND WHITE PIECES ON BOTTOM**, SO THAT **THE SIDES ARE ALWAYS THE SAME**.
14. AS A **USER**, I WANT TO **BE ABLE TO CHOOSE MY TEAM COLOR**, SO THAT I CAN **PLAY AS EITHER BLACK OR WHITE**.
15. AS A **USER**, I WANT TO **MOVE CHESS PIECES USING A MOUSE CLICK**, SO THAT I CAN **PLAY CHESS INTERACTIVELY**.
16. AS A **USER**, I WANT TO **SAVE MY CHESS GAME IN ITS CURRENT STATE**, SO THAT I CAN **RESUME THE GAME AT A LATER TIME**.
17. AS A **USER**, I WANT TO **LOAD A SAVED CHESS GAME**, SO THAT I CAN **RESUME A PREVIOUSLY-PLAYED CHESS GAME**.
18. AS A **USER**, I WANT THE **SAVE-GAME ACTION TO BE A BUTTON**, SO THAT I CAN **CLICK THE BUTTON AND SAVE THE CURRENT GAME**.
19. AS A **USER**, I WANT THE **LOAD-GAME ACTION TO BE A BUTTON**, SO THAT I CAN **CLICK THE BUTTON AND LOAD A SAVED GAME**.
20. AS A **USER**, I WANT TO **BE ABLE TO UNDO A CHESS MOVE**, SO THAT I CAN **TRY A DIFFERENT CHESS MOVE**.
21. AS A **USER**, I WANT TO **HAVE A TIMER COUNTING HOW LONG IT HAS TAKEN FOR ME TO MAKE A MOVE**, SO THAT I CAN **KEEP COUNT OF THE GAME LENGTH**.
22. AS A **USER**, I WANT THE **OPTION TO SET A PER-TURN TIMER**, SO THAT **A CHESS TURN WILL BE FORFEITED AFTER THE TIME IS UP**.
23. AS A **USER**, I WANT TO **BE ABLE TO PLAY A COMPUTER TEAM**, SO THAT I **DO NOT NEED TO HAVE ANOTHER PERSON TO PLAY WITH**.
24. AS A **USER**, I WANT TO **SET THE COMPUTER’S *ELO* DIFFICULTY LEVEL**, SO THAT I CAN **PLAY AN EASY, MEDIUM, OR HARD GAME**.
25. AS A **USER**, I WANT **SIMPLE INSTRUCTIONS ON HOW TO USE THE PROGRAM**, SO THAT **A GAME OF CHESS CAN SUCCESSFULLY BE PLAYED**.
26. AS A **USER**, I WANT **A NOTIFICATION TO LET ME KNOW IT IS MY TURN**, SO THAT I **KNOW WHEN TO MAKE A CHESS MOVE**.
27. AS A **USER**, I WANT A **POP-UP SAYING “GAME OVER” WHEN THE CHESS GAME ENDS**, SO THAT I **KNOW WHEN THE CHESS GAME HAS ENDED**.