Report.md

Report

Modified Chess Game with custom pieces and logic

Features

- We pretend to implement a modified chess game.

- Custom sprites and movement/attack animations

- The pieces' movements are from the original chess game.

- Some custom rules may be added.

- Game can be played using mouse or keyboard.

- Menu's options can be chosen using mouse and kbd.

- Serial Port for multiplayer gameplay

Devices to be implemented and their role

- Timer --> Game tick, Player's 'Turn time

- Keyboard --> Select pieces in the board, Write Player Name, Possibly Chat Communication between players

- Video Card --> Present game visuals

- Mouse --> Choose options in the menus, choose pieces and movements

- RTC --> Automatic dark mode

- Serial Port --> Allows for player vs player gameplay

Workplan

- W1:

  Implement devices base functionality + interrupts Pieces movement Have all sprites done

- W2:

  Implement sprite animations Base game functionallity and menus RTC implemented

- W3:

  More game functionality and features Implementing multiplayer (Serial Port)

- W4:

  Final touches and ironing bugs

Members

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