**Project description:**

Chesslogger is an interactive chessboard which logs in the moves of the chess game using the complete algebraic notation and saves the game log to remote Firebase database on the Web.

**Components:**

Arduino Mega (ATMega 2560) Breadboard

Electropeak ESP8266 Node MCU 1.0 v3 WiFi Module

64 reed switches, normally open

2 push buttons

Jumper wires

**Demo Video:**

boardDemo.mp4 – a short video of functioning project – recreating the famous Opera Game played by Paul Morphy against Karl II, Duke of Brunswick (1858) - <https://en.wikipedia.org/wiki/Opera_Game>

screenCapture.mp4 – screen capture for the Opera Game recreation.

(see the links attached to this Manual)