

Request For Proposal: Digitization of Moves (Scarborough Chess Club)

ESC102 Praxis II - Team 32

Abstract

All FIDE (International Chess Federation) approved chess tournaments require accurate recording of each move played in each game ?? as per article 8 of the FIDE. The traditional method to record moves is using a pen and paper which is prone to error, time consuming, and impractical for fast-paced game types like bullet, blitz, and rapid chess. Local clubs, such as the Scarborough Chess Club, lack the resources for professional referees (arbiters) to check over game sheets while games progress, leading to inaccurate game records and disputes. Moreover, as stated by the club owner, Omar Shah, pen and paper notation can distract players from the game. This RFP proposes a system that creates a 100% accurate PGN file (a file format storing chess moves) for chess games without interfering with the game at all. This RFP includes community insights from the Scarborough Chess Club, reference designs, and a requirements framework to guide designers.