



Ministry of Higher Education and
Scientific Research
University of Babylon
College of Information Technology
Department of Information Security



Study: Morning

Elections website using facial recognition technology

**A Graduate Project Submitted to the department of Information Security of the
College of Information Technology, University of Babylon, in Partial Fulfillment of
the Requirements for the Bachelor's degree in the Information Security of
Information Technology.**

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Abstract

Facial recognition is an important process in all areas of technology, and it can be relied upon more than passwords and others because it depends on a special fingerprint, which is the facial fingerprint. Therefore, it is considered an important part in the areas of logging in and authenticating users in the field of cybersecurity, and this is what was done on the “website”. "**People's Vote**" for elections, which was developed in order to verify the identity of citizens and preserve their voice in elections, using machine learning to do this complex process that is divided into two parts: **facial recognition** and **spoofing recognition**.

Despite the circumstances, this process requires deep knowledge of machine learning and performance issues also arise due to high hardware requirements, the system shows a commendable success rate of up to **90%**, demonstrating its robustness.

It is worth noting that its estimation performance remains consistently high, with occasional outliers and rare special cases requiring future improvement. Ultimately, the project stands out as a pioneering endeavor in the field of plagiarism prevention, embodying a dedication to enhancing the integrity and security of elections and providing The democratic character of civic participation.