Online Voting System (OVS)
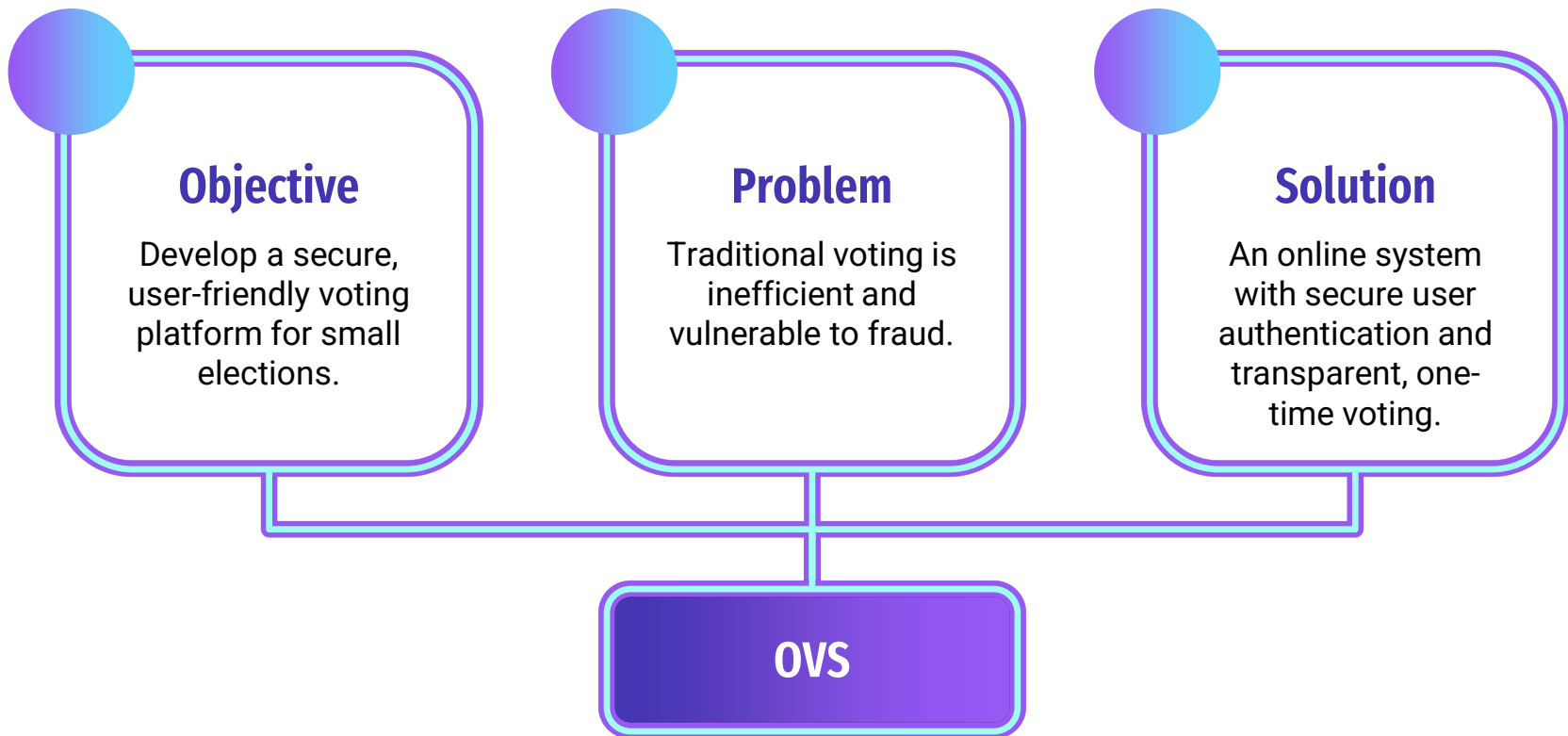
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Problem Definition

Objective
Develop a secure, user-friendly voting platform for small elections.

Problem
Traditional voting is inefficient and vulnerable to fraud.

Solution
An online system with secure user authentication and transparent, one-time voting.

OVS

Data migration process infographics

Voters

Fields: id, name, last_name, date_of_birth, phone_number, voter_id, password, has_voted

Purpose: Store voter information and ensure each voter can vote only once.
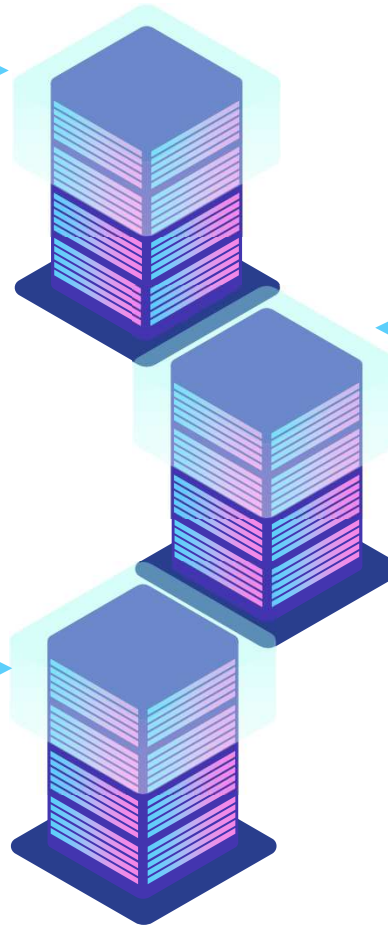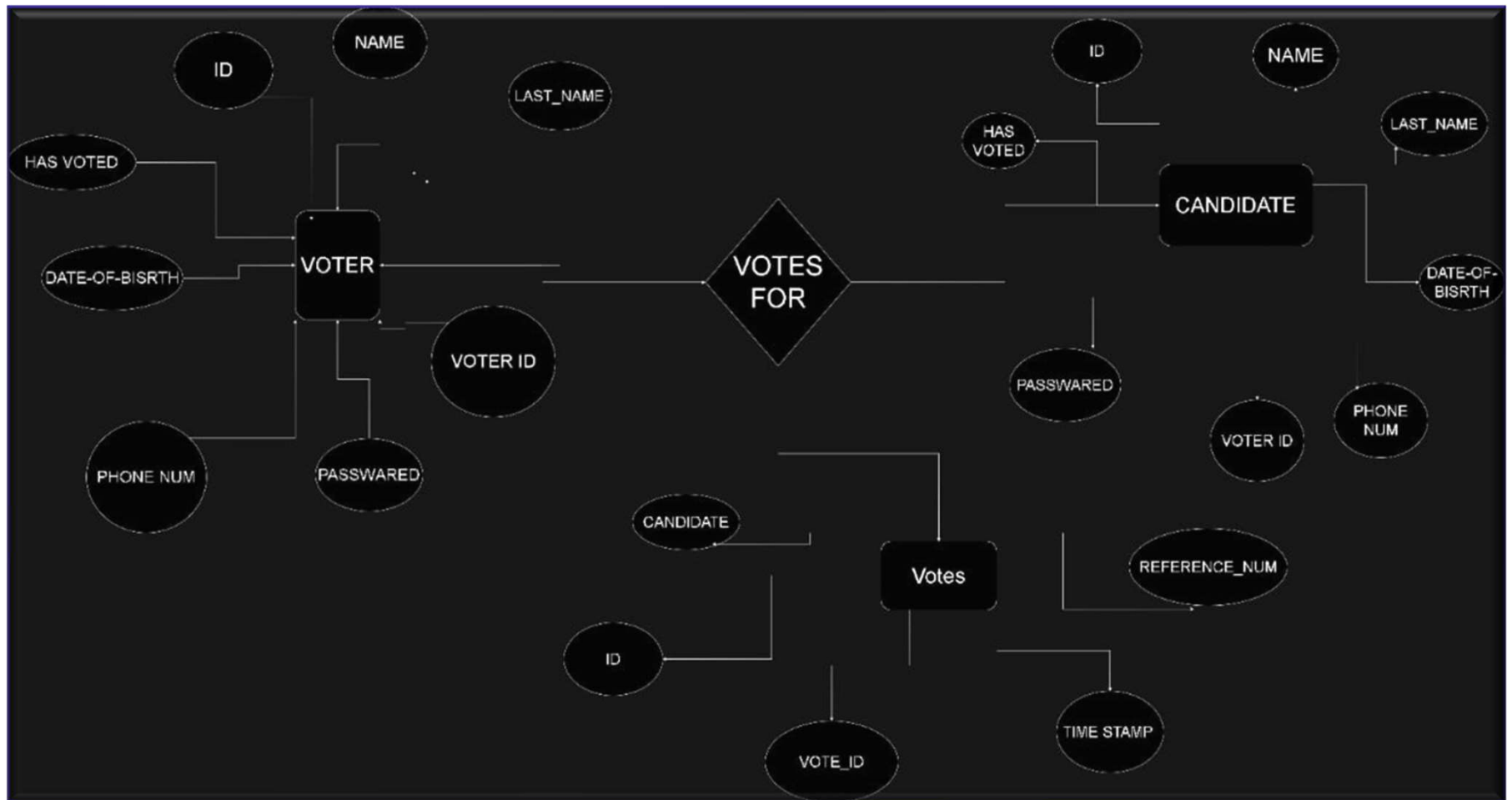
Candidates

Fields: id, name, party, photo_url, promises, assets, liabilities, background, political_views, regional_views

Purpose: Provide detailed candidate profiles for voter reference.

Votes

Fields: id, voter_id, candidate_id, timestamp, reference_number

Purpose: Store each vote's details to ensure traceability and integrity.

ER DIAGRAM

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