

1. Business area

Blockchain
E-Voting
System

2. Business process

1-Identity
Server
1,2,8,9,10,11

2-Main
Server
1,8,10,11

3- Blockchain
Server
1,3,4,5,6,7

3. Business Service

1. Authorization
2. Authentication
3. Voter Service
4. Candidate Service
5. Polling Station Service
6. Cryptography Service
7. Node Service
8. Log Service
9. Mernis Service
10. Validation Service
11. Database
 - A. Insert
 - B. Update
 - C. Delete
 - D. Select

4. Infrastructure services

Node Js, Angular, C# dotnet core, TypeScript, XML / JSON, Entity Framework

5. Component implementation layer:

Functional components:

Voter, Candidate

Service components:

Voting procedures, Authorization procedures, Authentication procedures, Voter actions, Candidate actions

Technical components:

Computer

6. Operational systems

32 GB i9 x 5 processor, MsSQL, CRM, ERP,