ELECTION MANAGEMENT SYSTEM

Mohamed Youssef Blidi

OVERVIEW

Inspiration
What is EMS?
technology used
Scalibility
Routes and Snippets
Conclusion

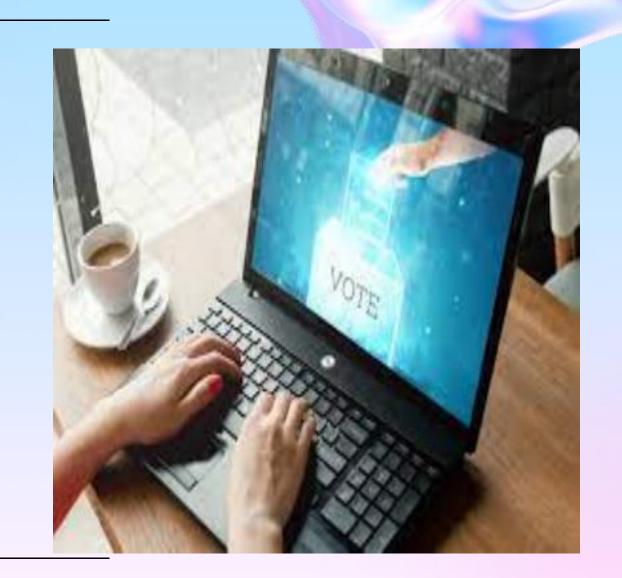
INSPIRATION



shutterstock.com - 1548300503

EMPOWERING ELECTIONS THROUGH TECHNOLOGY

 Leveraging technology in election management enhances security, transparency, and accessibility, addressing current challenges and fostering trust in the democratic process.



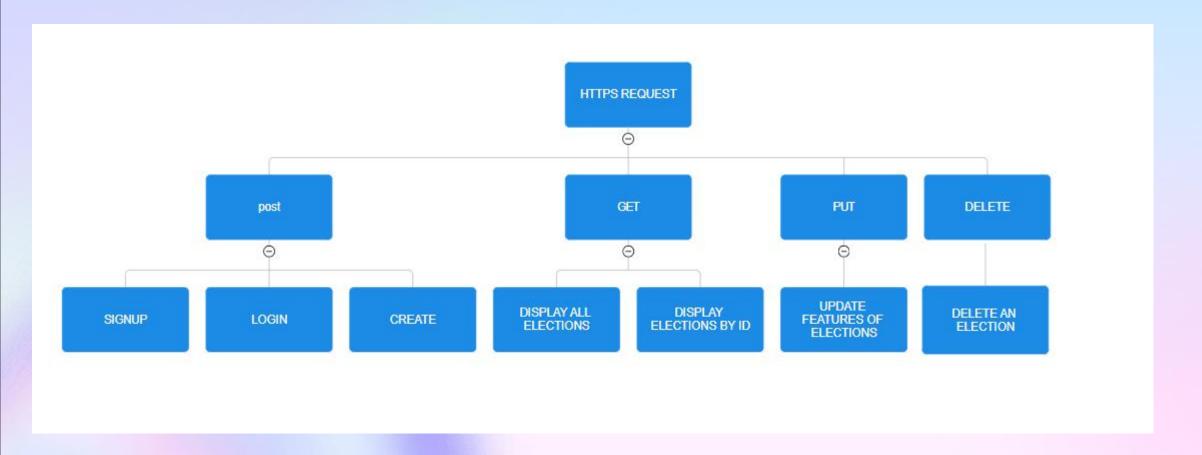
CHALLENGES IN ELECTION MANAGEMENT

 Common challenges in election management include security concerns, reliance on manual processes, and a lack of transparency.



WHAT IS EMS?

• EMS is an election managment rest API that enable users to do this manipulation:



TECHNOLOGY USED

BACKEND

TESTING

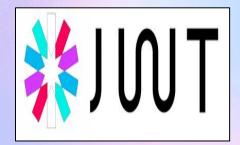
DATABASE MANAGEMENT SYSTEM

SECURITY









EXPRESS Js

DET EMMANUEL ASUQUO

SCALIBILITY

Mobile Application: Develop a mobile application to allow users to access election-related information conveniently from their smartphones, increasing accessibility.

Geospatial Analysis: Integrate geospatial features to visualize election data on maps, providing insights into regional voting patterns and results.

Possible Inhancments

Voter Education Module: Include a voter education module with informative content, videos, and FAQs

Voter Education Module: Include a voter education module with informative content, videos, and FAQs to enhance voter awareness and understanding of the election process.

ROUTES

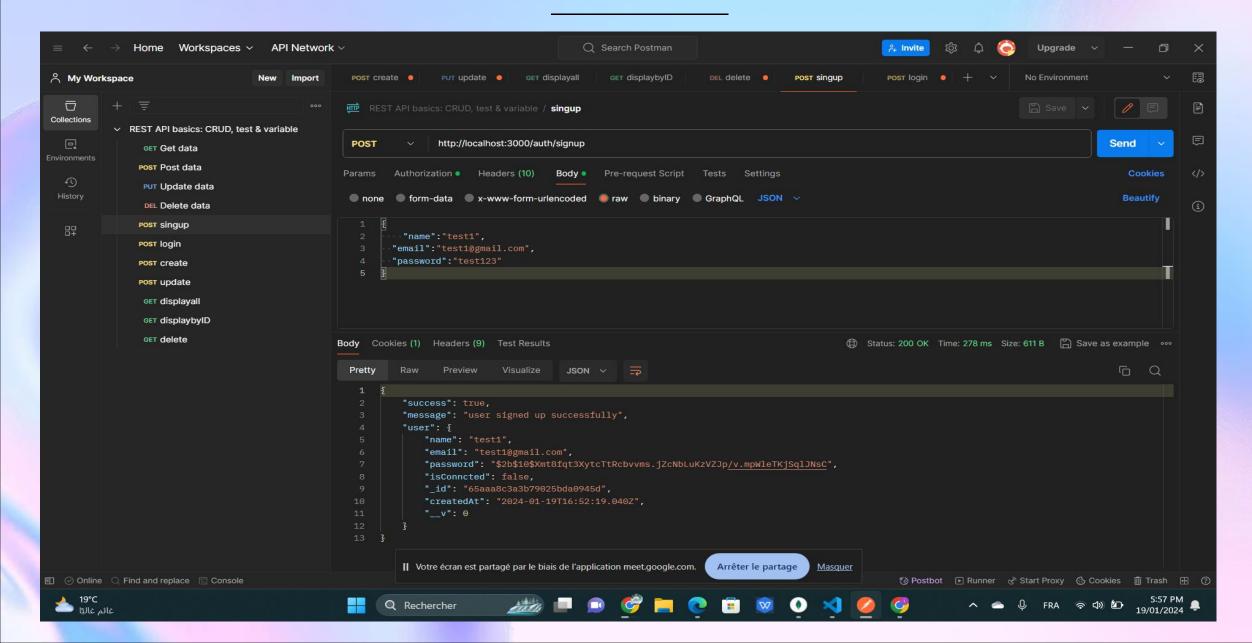
AUTH ROUTE

ELECTION ROUTE

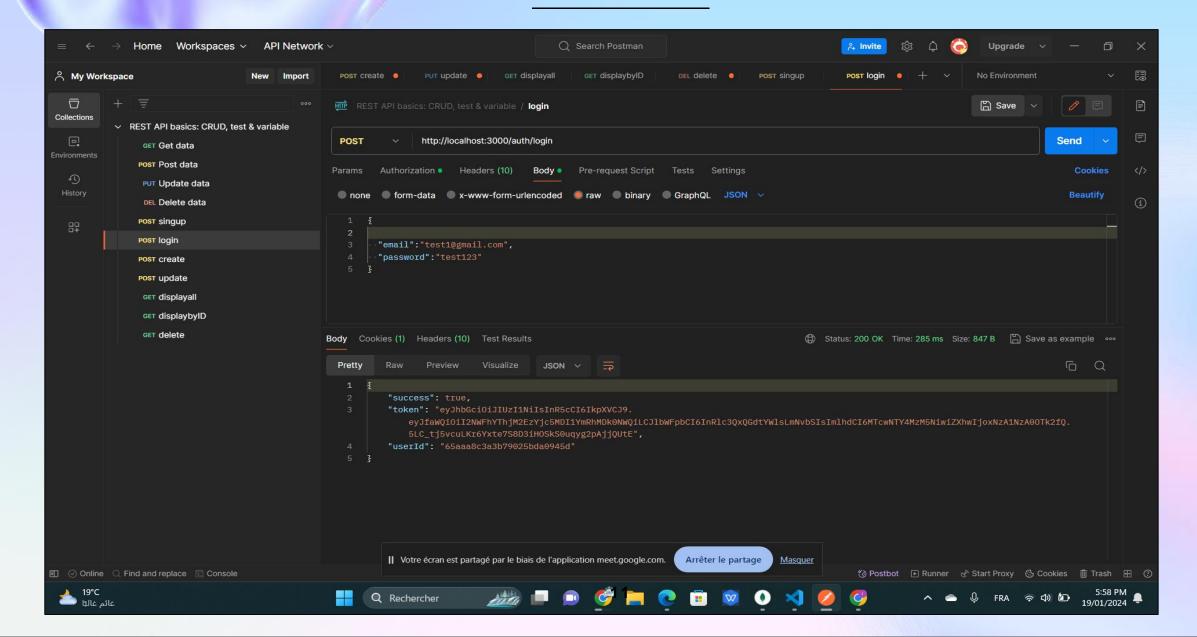
```
const express = require('express');
const router = express.Router();
const electionController = require('../controllers/electionsController');

router.post("/create", electionController.createElection);
router.get('/display', electionController.getAllElections);
router.get('/display/:electionId', electionController.getElectionById);
router.put('/update/:electionId', electionController.updateElectionById);
router.delete('/delete/:electionId', electionController.deleteElectionById);
module.exports = router;
```

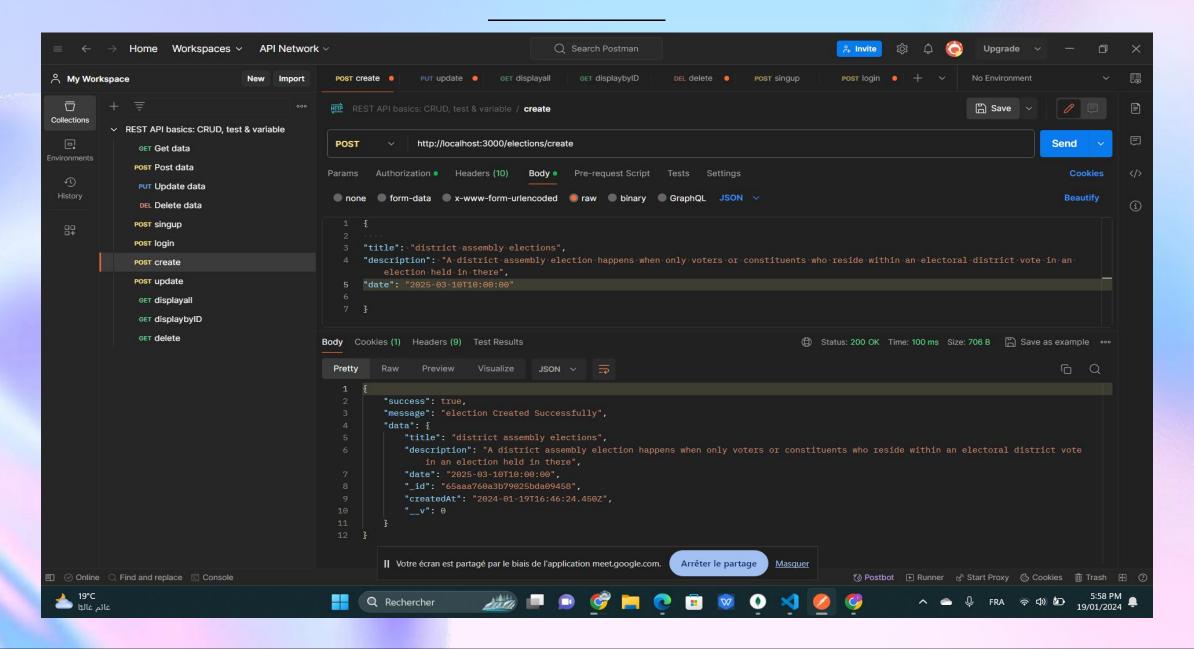
sign up



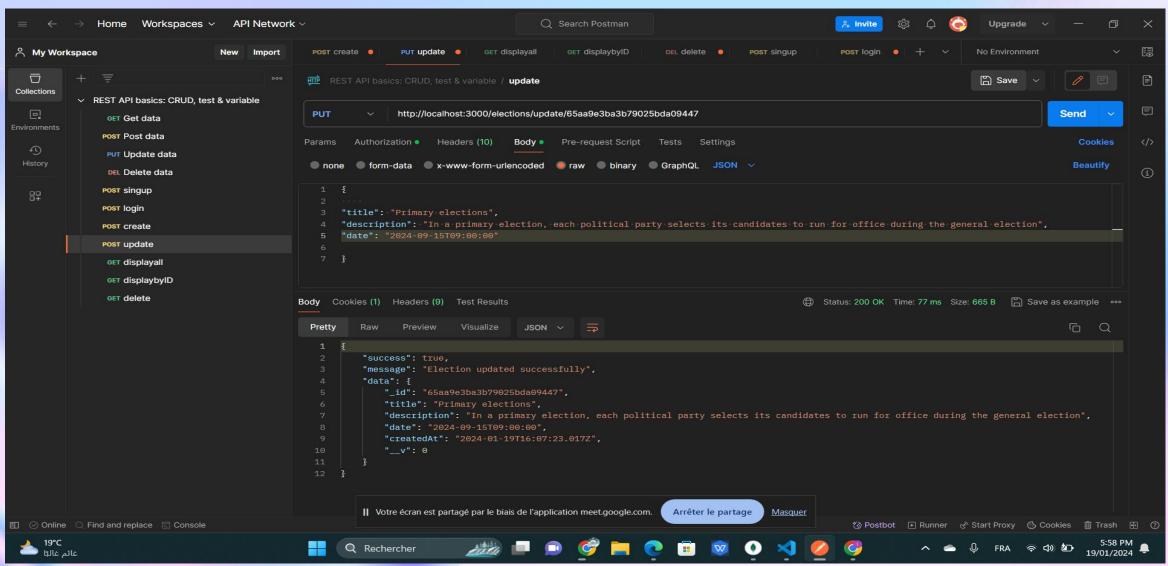
LOGIN



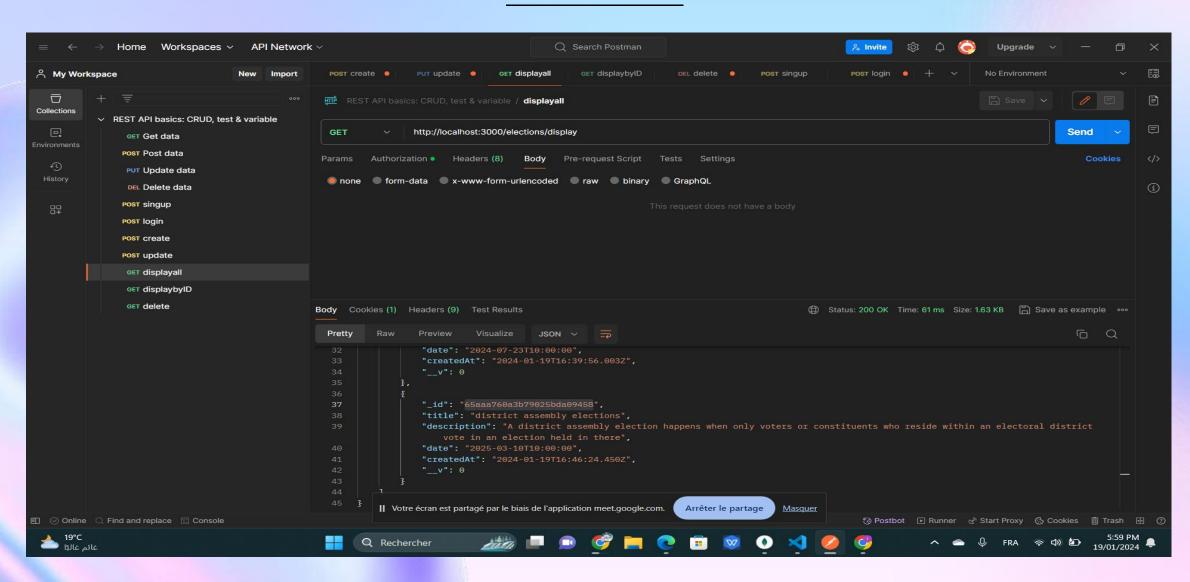
CREATE



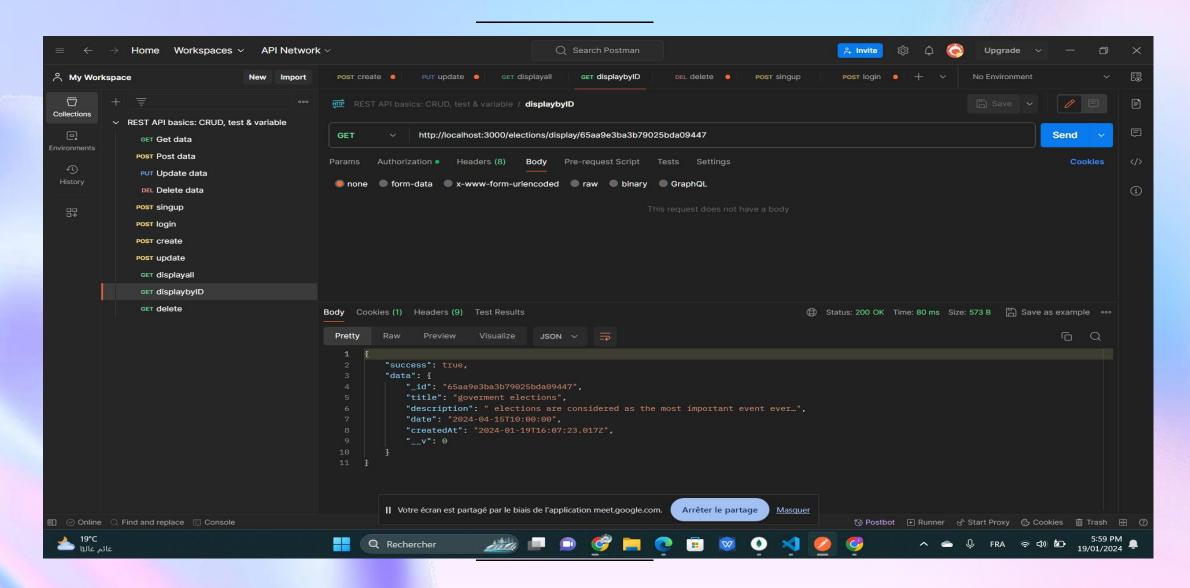
UPDATE



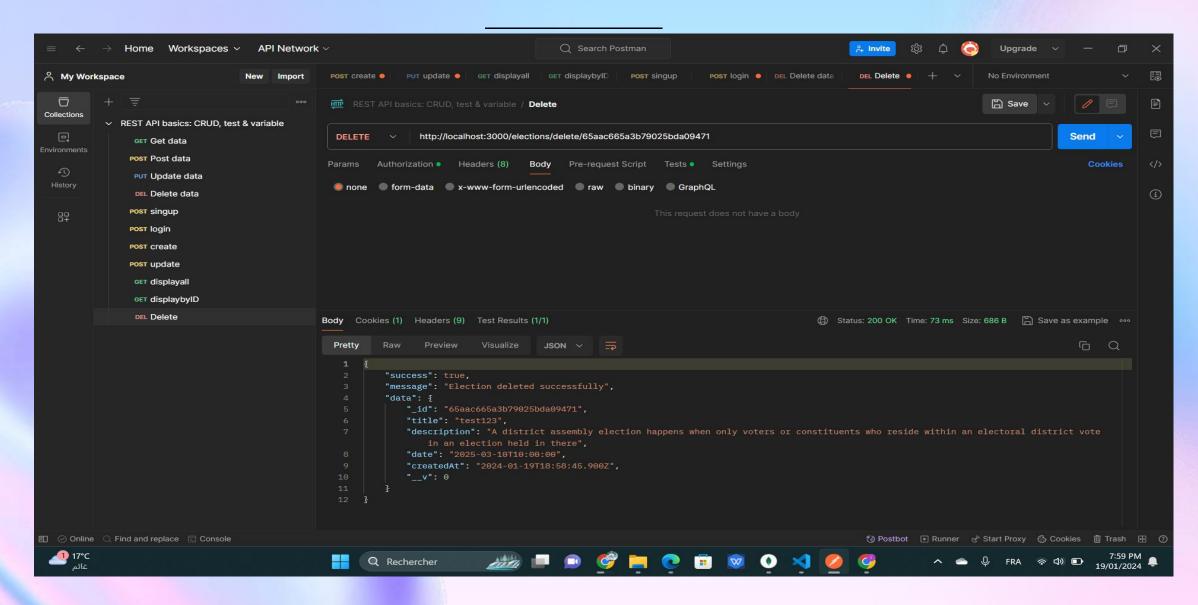
DISPLAY ALL



DISPLAY BY ID



DELETE



CONCLUSION

In conclusion, our Election Management System leverages advanced tech for secure and efficient administration. Its structured design and ongoing enhancements ensure adaptability, promoting transparency in the democratic process.

THANK YOU