Project Title	Digital E Gram Panchayat
Technologies	HTML, CSS, JS, and Firebase
Domain	Industry
Project Difficulties level	Hard

Problem Statement:

The major goal of this project is to improve the delivery of citizen services in the village by computerizing applications for gram panchayat services. Gram panchayat is a decentralized institution that manages applications and provides information about gram panchayat services. The suggested system will allow users to submit applications for various services and track their progress. The suggested system E-Services for Gram Panchayath develops a web application with the goal of providing government information about services or schemes, and public users can apply for services using an online application. Admin and staff will manage the application for approval and creation of the scheme.

System Modules:

- User
- Staff
- Officer

Module List:

- Officer/Admin
  - Login
  - Create Services
  - Update/Delete services
  - Update application status
  - Logout
- User
  - Register
  - Login
  - Search services
  - Apply Services
  - My application status
  - My profile
  - Logout
- Staff
  - Login
  - View services
  - Update Application status

Project Evaluation metrics:

Code:

- You are supposed to write a code in a modular fashion
- Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works the same in every environment (operating system)
- You have to maintain your code on GitHub.
- You have to keep your GitHub repo public so that anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include basic workflow and execution of the entire project in the readme file on GitHub
- Follow the coding standards.

Database:

- You are supposed to use FireBase.

Logging:

- Logging is a must for every action performed by your code, use the JavaScript or python logging library for this.

Deployment:

- You can host your model in the cloud platform, edge devices, or maybe local, but with a proper justification of your system design.

Optimization of solutions:

- Try to optimize your solution on code level, architecture level, and mention all of these things in your final submission.
- Mention your test cases for your project.

Submission requirements:

Project code:

You have to submit your code to the GitHub repo and you have to share the repo link at final submission of your project.

Detail project report:

You have to create a detailed project report and submit that document as per the given sample.