



Energy Consumption Analysis

Byte Squad



Introduction

- Energy consumption analysis provide an intuitive dashboard analytics on the PG&E bill uploaded
- User can also query the system and the system can provide information using OpenAI.
- Our aim to display all the possible analysis on the PG&E bill so that the user can reduce the bill

Technologies:

- Frontend: React.js
- Backend: Node.js with Express.js
- Database: MySQL



Summarizing Progress:

Completed Action Items:

- Login Page
- Home Page
- SignUp page

Committed Action items since last meetup:

- Login Page
- Home Page
- SignUp page
- Security

Missing Milestone: Security

Current Milestone in Progress:

- File Upload & Processing
- Analytics dashboard



Looking Ahead:

- Immediate focus: Completing the database schema
- Upcoming Milestones: File Processing & Analytics dashboard
- Long-term Vision: Expanding Energy consumption analysis solution to predict the energy consumption for next month using machine learning algorithms.