

## Projects

### Functional requirements

- configurable for specific grid company characteristics (state, tax rates, etc.)
- state-of-the-art user experience
- dashboards with analytics reports with near-real time data from the grid
- excellent reporting capabilities
- sophisticated analytics-based engine to determine best throughput/money
- administer through either desktop or mobile devices
- security penetration attempt reporting

### Nonfunctional requirements

- Four nines (99.99) reliability
- turn-key deployment on remote sites
- security is a first-class concern
- company wants to shift from managing electrical grids to becoming a software reseller

### Project structure – github

[isoos5/Gird-The-Grid \(github.com\)](https://github.com/isoos5/Gird-The-Grid)

### Project stack - .NET 5/6; Blazor/Razor/Angular/React

.NET5, Blazor

ADH - [https://en.wikipedia.org/wiki/Architectural\\_decision](https://en.wikipedia.org/wiki/Architectural_decision)

### C4 Model diagrams

-

### SQ instance

## Bonus

AI/ML

CI/CD pipeline