Javascript Desktop GUI Project

Pre-project

Provide an ordered bullet-point implementation plan for the application. This is a high level outline that shouldn't be too detailed, but should include every step of the development process, including any topical research, test development, etc…

Javascript Desktop GUI TODO Project

As part of this project, you will be building a desktop TODO application using either Electron or Tauri.

Requirements

- Provides working installation packages for windows, mac os, and debian.
- Provides keyboard shortcuts to manage tasks (create, edit, delete, toggle completed, move up, move down)
- Persists data into a SQLite database.

Design Criteria

- **Modularity**: For instance, the application is currently persisting to SQLite, but implementing persistence over a REST or GraphQL API later should be easy. We are looking for code that fits the Clean Architecture principles and offer a flexible design.
- **Native experience**: Interaction patterns can vary wildly between different operating systems, especially for a handful of things such as keyboard shortcuts, menubars, menu organization, etc… We are looking for an elegant solution to this problem.
- **Development discipline**: We expect a well designed tests that provide a high level of coverage, a well designed implementation plan, logical separation of concerns, and self documenting code.

Implementation Requirements

- Develop the TODO application using the tools of your choice. It must meet all the requirements highlighted above, and work out of the box.
- Submit your work as a Github repository. Include any relevant documentation in the `docs` directory, and create a release in github to distribute your built packages.

- Linting, testing, and build jobs should be provided in the project's `package.json`.

- Please include a copy of your initial implementation plan in the `docs` folder as well, and feel free to update it if you would like.