POS website Project Root Structure

```
my-nextjs-project/
├── public/
├── src/
│   ├── components/
│   │   ├── common/
│   │   ├── layout/
│   │   ├── features/
│   ├── config/
│   ├── constants/
│   ├── contexts/
│   ├── hooks/
│   ├── lib/
│   ├── pages/
│   │   ├── api/
│   │   ├── (routes)
│   ├── services/
│   ├── store/
│   ├── styles/
│   ├── types/
│   ├── utils/
├── tests/
├── .env.local
├── .gitignore
├── jsconfig.json
├── next.config.js
├── package.json
├── README.md
```

Folder Details

1. public/

Static assets such as images, fonts, and icons accessible at the root level via /.

2. src/

Main source folder, organizing all application logic.

- **components/**: Reusable React components.
    - **common/**: Generic components used across the app (e.g., buttons, modals).
    - **layout/**: Layout components like header, footer, and sidebar.
    - **features/**: Feature-specific components (e.g., user profile, dashboard widgets).
- **config/**: Application configuration files (e.g., API endpoints, localization settings).
- **constants/**: Static values like theme colors, app settings, and roles.
- **contexts/**: React Context for managing app-wide states (e.g., authentication, theme).
- **hooks/**: Custom React hooks (e.g., useAuth, useFetch).
- **lib/**: Utility libraries or third-party wrappers for tools like Axios, i18n, etc.
- **pages/**: Next.js page routes.
    - **api/**: API routes for server-side logic.
    - **(routes)/**: Organized directories for page groups.
- **services/**: Business logic or API service functions (e.g., authService, userService).
- **store/**: Global state management (e.g., Redux, Zustand).
- **styles/**: Global and module-specific styles (e.g., Tailwind CSS, SCSS).
- **types/**: TypeScript types and interfaces (e.g., User, ApiResponse).
- **utils/**: Helper functions (e.g., formatDate, capitalize).

3. tests/

Test files for unit, integration, and end-to-end testing (e.g., Jest, Cypress).

4. Environment Files

- **.env.local**: Local environment variables for sensitive information.

5. Configuration Files

- **next.config.js**: Next.js configuration.
- **jsconfig.json**: Path aliasing for cleaner imports.

6. Other Essentials

- **package.json**: Dependencies and scripts.
- **README.md**: Documentation for the project.