YouESSAyyy B2B Marketplace Directory Structure

1 Directory Structure

The following is the file tree for the YouESSAyyy B2B marketplace project, designed to run on GitHub Pages (frontend), Firebase (backend), and a Matrix server (Synapse) for messaging. It includes features for auto-provisioning Matrix accounts, enabling chat via Matrix JS SDK, and displaying supplier Matrix usernames on product pages.

youessayyy-marketplace/ .gitignore README.md LICENSE .github/ workflows/ deploy.yml backend/ firebase.json functions/ node_modules/ index.js package.json package-lock.json .eslintrc.js frontend/ public/ index.html favicon.ico manifest.json src/ components/ ProductPage.jsx SupplierForm.jsx AdminDashboard.jsx App.jsx App.css index.js firebaseConfig.js package.json package-lock.json .eslintrc.js matrix/ docker-compose.yml homeserver.yaml custom_module.py

2 File Descriptions

- **.gitignore**: Specifies files to ignore in Git (e.g., node_modules, build artifacts).

- **README.md**: Project documentation with setup and usage instructions.

- **LICENSE**: MIT license for the project.

- **.github/workflows/deploy.yml**: GitHub Actions workflow for deploying to GitHub Pages.

- **backend/firebase.json**: Firebase configuration for hosting and Cloud Functions.

- **backend/functions/index.js**: Firebase Cloud Functions entry point, including `createSupplier` for auto-provisioning Matrix accounts and storing usernames.

- **backend/functions/package.json**: Node.js dependencies (includes `axios` for Matrix API calls).

- **backend/functions/package-lock.json**: Lockfile for backend dependencies.

- **backend/functions/.eslintrc.js**: ESLint configuration for backend code.

- **frontend/public/index.html**: Main HTML file for the React app.

- **frontend/public/favicon.ico**: Website favicon.

- **frontend/public/manifest.json**: Web app manifest for PWA support.

- **frontend/src/components/ProductPage.jsx**: React component for product pages, displaying supplier Matrix usernames and enabling chat via Matrix JS SDK.

- **frontend/src/components/SupplierForm.jsx**: React component for supplier registration form.

- **frontend/src/components/AdminDashboard.jsx**: React component for admin supplier approval.

- **frontend/src/App.jsx**: Main React app component.

- **frontend/src/App.css**: Global CSS styles.

- **frontend/src/index.js**: React entry point.

- **frontend/src/firebaseConfig.js**: Firebase configuration for the frontend.

- **frontend/package.json**: Frontend dependencies (includes `matrix-js-sdk` for chat).

- **frontend/package-lock.json**: Lockfile for frontend dependencies.

- **frontend/.eslintrc.js**: ESLint configuration for frontend code.

- **matrix/docker-compose.yml**: Docker configuration for Synapse server.

- **matrix/homeserver.yaml**: Synapse configuration with admin API enabled for auto-provisioning.

- **matrix/custom_module.py**: Custom Synapse module for Firebase integration.