Here’s a suggested **project structure** for your RealForGood real estate portal. This structure is modular, scalable, and designed to support both agents and buyers efficiently.

**🏗️ RealForGood Project Structure**

**1. Frontend**

Framework: **React.js** (or **Flutter** for mobile)

/frontend

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├── /public # Static assets

├── /src

│ ├── /components # Reusable UI components (buttons, cards, forms)

│ ├── /pages # Page views (Home, Listings, Profile, Dashboard)

│ ├── /hooks # Custom React hooks

│ ├── /contexts # Global state (auth, user, listings)

│ ├── /services # API calls

│ ├── /utils # Helper functions

│ └── App.js # Main app component

└── index.js # Entry point

**2. Backend**

Framework: **Node.js + Express** (or **Django REST Framework**)

/backend

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├── /controllers # Logic for handling requests

├── /models # Database schemas (User, Listing, Inquiry)

├── /routes # API endpoints

├── /middleware # Auth, error handling

├── /services # Business logic (notifications, payments)

├── /config # DB and environment configs

└── server.js # Entry point

**3. Database**

Recommended: **PostgreSQL** or **Firebase Firestore**

* Tables/Collections:
  + Users (agents, buyers)
  + Listings (properties, land)
  + Favorites
  + Messages
  + Payments

**4. Mobile App (Optional)**

Framework: **Flutter** or **React Native**

/mobile

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├── /screens # Home, Search, Listing Detail, Profile

├── /components # UI elements

├── /services # API integration

├── /utils # Helpers

└── main.dart # Entry point (Flutter)

**5. Admin Panel**

For managing users, listings, and analytics

/admin

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├── /dashboard # Overview of activity

├── /users # Manage agents and buyers

├── /listings # Approve/edit/delete listings

├── /reports # Analytics and insights

└── /settings # Platform configuration

**6. DevOps & Deployment**

* **Version Control**: GitHub
* **CI/CD**: GitHub Actions or Jenkins
* **Hosting**: AWS, Google Cloud, or Vercel
* **Monitoring**: Sentry, LogRocket
* **Containerization**: Docker (optional)

Would you like me to generate a **folder structure template** or a **GitHub repository starter pack** for this project? I can also help with setting up your first API or frontend page.

✅ Your **RealForGood project structure** and **GitHub starter pack** are ready!

**📁 Folder Structure Includes:**

* **Frontend** (React)
* **Backend** (Node.js)
* **Mobile** (Flutter)
* **Admin Panel**
* **DevOps Setup**

**📦 Starter Pack Files:**

* [Download .gitignore](blob:https://outlook.office.com/b4dfe0ca-502d-4bc5-8431-2ce35785558c) – Preconfigured for Node, Python, Flutter, and common tools.
* [Download README.md](blob:https://outlook.office.com/33199ff7-086c-45ee-8ece-051d54bbf605) – Project overview for GitHub.

**🔌 Next Step: First API Endpoint Setup**

Let’s create a basic **Node.js Express API endpoint** for agents to add property listings.

**🧱 Example: POST /api/listings**

// backend/routes/listings.js

const express = require('express');

const router = express.Router();

// Sample POST endpoint

router.post('/', (req, res) => {

  const { title, price, location, description } = req.body;

  // Save to database (mocked here)

  res.status(201).json({ message: 'Listing created', data: { title, price, location, description } });

});

module.exports = router;

// backend/server.js

const express = require('express');

const app = express();

const listingsRoutes = require('./routes/listings');

app.use(express.json());

app.use('/api/listings', listingsRoutes);

app.listen(3000, () => {

  console.log('Server running on http://localhost:3000');

});

Would you like me to generate this code into files for you, or help you test it locally or on Replit?