**Project: SmartHome Services**  
**Week 1 Development Plan**

**📅 Timeline: Week 1**

**Goal:** Build and integrate secure authentication system (signup/login)

**🔧 Backend Tasks (Node.js + MongoDB)**

**Goal:** Build JWT-based auth APIs

| **Task** | **Assignee** | **Deadline** |
| --- | --- | --- |
| Create /auth/signup API | Krupa | Day 2 |
| Create /auth/login API | Rudra | Day 2 |
| Create /auth/me, /auth/logout APIs | Yash | Day 3 |
| Design MongoDB User Schema with roles | Yash | Day 1 |

**Stack:** Express, Mongoose, bcryptjs, jsonwebtoken

**💻 Frontend Tasks (React Native)**

**Goal:** Build UI and connect auth system

| **Task** | **Assignee** | **Deadline** |
| --- | --- | --- |
| Login screen UI | Harsh | Day 2 |
| Signup screen UI (with role dropdown) | Harsh | Day 2 |
| Setup Axios client | Rudra | Day 1 |
| Connect to backend, store JWT | Rudra | Day 3 |
| Auth context creation | Yash | Day 4 |

**Stack:** React Native, React Navigation, Axios, AsyncStorage

**🔢 Folder Structure Standards**

**Backend:**

/controllers

/routes

/models

/middlewares

/utils

server.js

**Frontend:**

/screens

/components

/services (axios)

/contexts (auth)

assets

App.js

**🔮 Testing & Integration**

| **Task** | **Assignee** |
| --- | --- |
| Test backend APIs in Postman | Yash |
| Integrate login/signup with backend | Rudra |
| Debug JWT persistence | Dev, Yash |

**✉️ Git Strategy**

* Branches: main, dev, feature/auth-\*
* Commit Format: type(scope): message
  + Example: feat(auth): add login API

**✅ Week 1 Deliverables**

* ✔️ Signup & Login working end-to-end
* ✔️ MongoDB stores users with roles
* ✔️ JWT securely managed
* ✔️ Basic navigation to dummy home screen

**📆 Daily Plan**

| **Day** | **Task** |
| --- | --- |
| Day 1 | Setup repos, MongoDB schema, Axios, folders |
| Day 2 | Build UI & core auth APIs |
| Day 3 | Connect frontend-backend, test sessions |
| Day 4 | Add context + finalize flow |
| Day 5 | Bug fixes & review |
| Day 6 | Prepare for Week 2: Service Listing |
| Day 7 | Code cleanup, doc update |