Building Technician App - Detailed Project Story (Updated)

1. Overview
This application is designed for field technicians who work across multiple buildings and require a fast and reliable way to access building■related technical information. The app centralizes all building data so that a technician only needs to select a building and instantly see everything required for installation, troubleshooting, or site visits.

2. Users and Roles
Admin:
- Full access to all app features.
- Can add, edit, or delete buildings.
- Can upload parking images, riser photos, entrance photos, equipment images.
- Can upload technology■specific PDFs for each building.
- Can create and manage technician user accounts.

Technician/User:
- Can search and select a building.
- Can view all building technical details.
- Can download/view technology PDF instructions for that building.
- Can see floor and riser information.
- Can view parking information and images.
- Cannot modify data.

3. Building Module
Each building entry contains:
- Building name
- Address / location
- Technology type (Huawei, SmartOLT, U2000, Nokia, Positron, etc.)
- Complexity percentage
- Required number of technicians
- Parking type and optional images
- Technology PDF download/view button

4. Technology PDF Feature (New)
Every building may use a different technology. The admin will upload related PDF instructions such as:
- Huawei installation guide
- U2000 configuration guide
- Nokia installation PDF
- SmartOLT setup PDF
- Positron GAM documentation

When a technician opens the building profile, a button will appear:
"View / Download Technology PDF"

Technicians can:
- Open the PDF inside the app
- Download it for offline use

This ensures technicians always have the correct and updated installation guides for that building's specific technology.

5. Floor and Riser Details
Technician selects their current floor and views:
- Nearest riser above
- Nearest riser below
- Riser number and description

6. Building Complexity System
Each building has a complexity percentage which determines manpower needs:
- Low complexity (20–30%) = 1 technician
- High complexity (70–80%) = 2 technicians

7. Parking Information
Includes:
- Parking type (underground, outdoor, street)
- Special notes
- Images for easier navigation

8. Image Management
Admins can upload images such as:
- Parking area
- Entrance
- Riser panels
- Equipment racks

9. User Management
Admin manages:
- User creation
- Roles (Admin/Technician)
- Password management

10. Summary
This updated version includes the ability to upload and access technology■specific PDF installation guides for each building. Technicians can view or download these PDFs directly from the building profile, ensuring they always have the correct documentation for Nokia, Huawei, U2000, SmartOLT, Positron, and more.

This document can be provided directly to your software development team for implementation.