

Below is a **cleaned, structured Business Requirements Document (BRD)** derived strictly from the requirements you provided, aligned to your current project (OTT / Mobile / Broadband Subscription Management – hybrid web + Android app).

I have normalized terminology, removed ambiguity, and filled minor logical gaps **without adding new features**.

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## Business Requirements Document (BRD)

**Project:** SubSync

**Scope:** Web (React + Node.js) and Android Mobile App (React Native)

**Primary Users:** Admin, Registered Users

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### 1. User Roles

#### 1.1 Admin

- Primary owner of subscriptions
- Can create, manage, and share plans
- Can switch between Admin View and User View

#### 1.2 User

- Can view subscriptions shared with them
  - Can view payment status
  - Can manage profile details
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### 2. User Registration & Authentication

#### 2.1 User Registration

A user must be able to register with the following details:

- Name
- Email ID
- Phone Number

- Password
- Date of Birth
- Gender

## 2.2 Login

- User can log in using **either Email ID or Phone Number**
  - Password-based authentication
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## 3. Admin View – Subscription Management

### 3.1 Admin View Access

- Admin dashboard must allow **switching between Admin View and User View**
  - Admin is also considered a user and can view subscriptions shared with self
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### 3.2 Subscription Entry (Admin Only)

Admin can add subscriptions for the following service types:

- OTT
- Mobile
- Broadband

#### 3.2.1 Subscription Fields

Field	Description
Service Name	OTT / Mobile / Broadband service name (e.g., Netflix, Jio, Airtel)
Category	OTT / Mobile / Broadband
User (Owner)	Me / Friend / Mom / Dad / Wife / Sister (relationship label)
Login Username / Phone	Login credential used for the service
Password	Password for the service
Purchased Date	Date when the subscription was purchased
Start Date	Auto-filled from Purchased Date (editable)

Amount	Subscription amount
Plan Type	Monthly / 3 Months / 6 Months / Yearly / Custom
Custom Duration	Manual entry of days / months / years (if custom plan)
End Date	Auto-calculated from Start Date + Plan (editable)
Purchased Via	GPay / Redeem Points / Credit Card
Auto Pay	Boolean (True / False)
Next Purchase Date	Auto-calculated from End Date
Device Limit	Total number of devices allowed
Devices in Use	Number of devices currently in use
IDs Using	List of users or non-registered persons using the service
Comments	Free-text notes
Shared	Yes / No

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### 3.3 Subscription Sharing Logic

If **Shared = Yes**:

- Admin must specify:
  - Number of people sharing
  - Users with whom the plan is shared (registered users)
- Shared Amount:
  - Auto-calculated as  

$$\text{Total Amount} \div \text{Number of Shared Users}$$
- Payment Tracking:
  - Track payment status (Paid / Not Paid) **per shared user**

Non-registered users can also be listed as users, but:

- Payment tracking applies only to registered users
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## 4. Plan Sharing & Visibility Rules

## 4.1 Sharing Behavior

- Admin can share a plan with specific users
- Only the following users can see a shared subscription:
  - Admin (owner)
  - Users explicitly shared with

### Example:

- Subscriptions: Netflix, Amazon Prime, Mobile Plan
  - Amazon Prime shared with user **Navin**
  - Admin user **Sathish** is the owner
  - Visibility:
    - Amazon Prime → visible to Sathish and Navin only
    - Other users cannot see Amazon Prime
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## 4.2 Payment Visibility

- Shared users can see:
    - Their individual share amount
    - Their payment status (Paid / Not Paid)
  - Admin can see payment status of all shared users
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# 5. User View

## 5.1 User Dashboard

- User can view only:
  - Subscriptions shared with them
  - Subscriptions owned by them (if applicable)

## 5.2 Display Style

- Subscription listing shown as:
  - Grid view **or**
  - Tile/Card view

Each subscription tile should show key details:

- Service Name
- Category

- Validity (Start Date – End Date)
  - Amount / Shared Amount
  - Payment Status
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### 5.3 User Profile Management

- User can:
    - Edit profile details
    - Update profile image
  - Logout option must be available
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## 6. Out of Scope (Explicit)

- No payment gateway integration (only payment status tracking)
  - No automatic OTP-based login (password-based only)
  - No multi-admin role hierarchy (single admin concept)
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## 7. Key Assumptions

- Admin is also treated as a normal user for visibility purposes
  - Shared plans are read-only for users
  - Editing subscription details is **Admin-only**
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### Next Logical Steps (optional, if you want):

1. Convert this into **SRS (System Requirements Specification)**
2. Define **Database Schema (PostgreSQL + MongoDB hybrid)**
3. Create **API contracts**
4. Design **UX wireframes (Admin vs User)**

Tell me what you want next, and I'll proceed accordingly.