Unified Role-Based System Flow
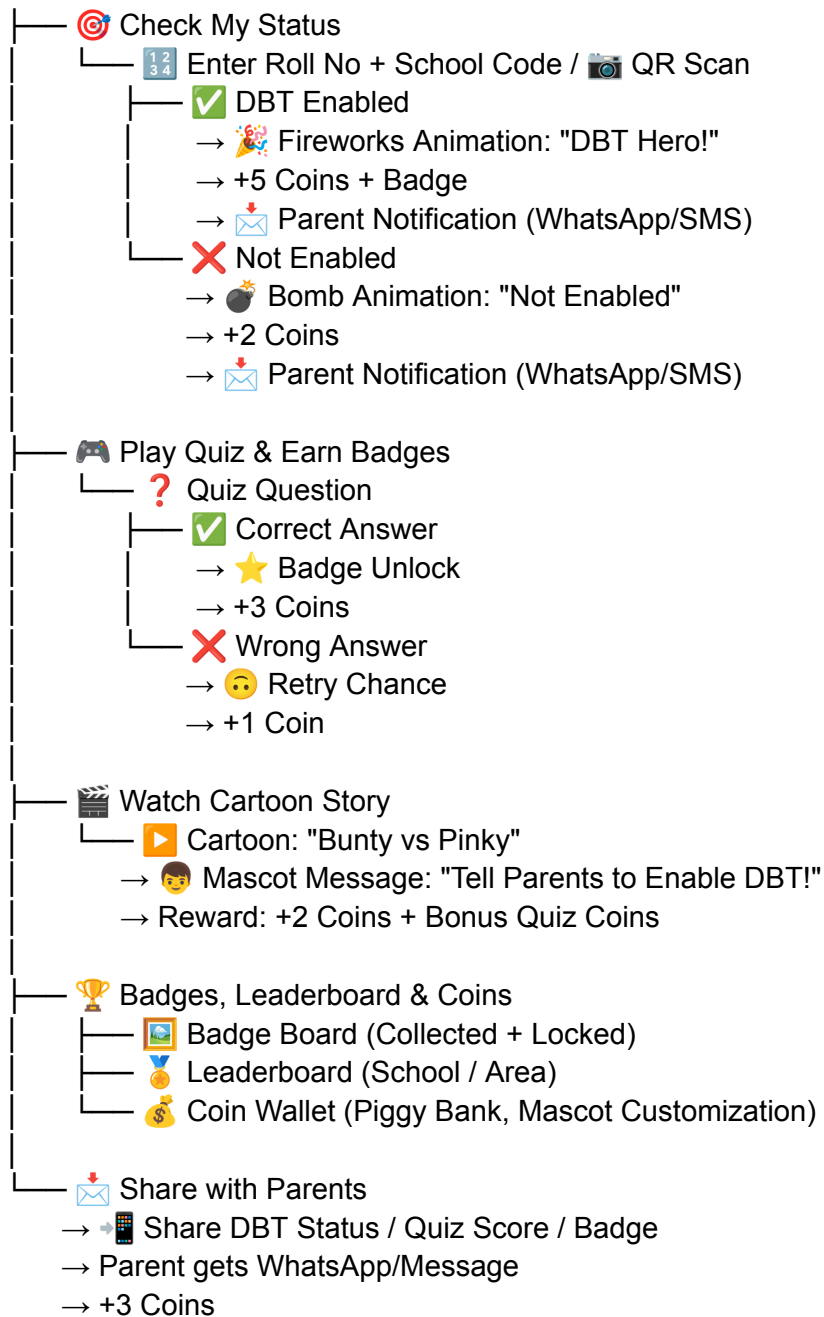
1. Home Page: Role Selection

The user lands here and selects their role:

- Kid / Student

- Parent / Guardian

- Teacher / School Staff

- Admin / Government Official

- Other (Volunteer/Community Member)

🏠 _Kids Dashboard (Mascot + 5 Buttons)_

```
├── 🎯 Check My Status
│        └── 🔢 Enter Roll No + School Code / 📷 QR Scan
│                 ├── ✅ DBT Enabled
│                 │        → 🎉 Fireworks Animation: "DBT Hero!"
│                 │        → +5 Coins + Badge
│                 │        → 📩 Parent Notification (WhatsApp/SMS)
│                 └── ❌ Not Enabled
│                          → 💣 Bomb Animation: "Not Enabled"
│                          → +2 Coins
│                          → 📩 Parent Notification (WhatsApp/SMS)
│
├── 🎮 Play Quiz & Earn Badges
│        └── ❓ Quiz Question
│                 ├── ✅ Correct Answer
│                 │        → ⭐ Badge Unlock
│                 │        → +3 Coins
│                 └── ❌ Wrong Answer
│                          → 🙃 Retry Chance
│                          → +1 Coin
│
├── 🎬 Watch Cartoon Story
│        └── ▶️ Cartoon: "Bunty vs Pinky"
│                 → 👦 Mascot Message: "Tell Parents to Enable DBT!"
│                 → Reward: +2 Coins + Bonus Quiz Coins
│
├── 🏆 Badges, Leaderboard & Coins
│        ├── 🖼️ Badge Board (Collected + Locked)
│        ├── 🏅 Leaderboard (School / Area)
│        └── 💰 Coin Wallet (Piggy Bank, Mascot Customization)
│
└── 📩 Share with Parents
         → 📲 Share DBT Status / Quiz Score / Badge
         → Parent gets WhatsApp/Message
         → +3 Coins
```

🏠 *Parents Dashboard (Home Screen)*

🎯 Main Options (colorful buttons):
1. 👦 My Children (DBT Status)
2. 📖 Learn & Aware (Guides + Videos)
3. 🛠️ Action Tools
4. 📊 Family Dashboard
5. 🎁 Rewards & Motivation
6. 🤝 Help & Support
7. 🌐 Community Impact

1️⃣ 👦 My Children (DBT Status)
└── Select Child (Roll No + School Code)
    ├── ✅ DBT Enabled
    │   → Screen: "Congratulations 🎉 Your child is DBT Hero"
    │   → Show Last Credit Date + Amount
    │   → Timeline of next expected DBT
    │   → Button: "Download Proof / Share with Others"
    │   → +10 Parent Coins
    │
    ├── ❌ Not Enabled
    │   → Red Alert Screen ⚠️
    │   → Guide: "3 steps to enable DBT"
    │   → Checklist shown
    │   → One-click set Reminder for bank visit
    │   → +5 Parent Coins for starting process
    │
    └── ⏳ Pending / Under Process
        → Status Bar (50% complete, 2 steps left)
        → Timeline View
        → Support option "Ask School / Bank"
        → +2 Parent Coins for follow-up

2️⃣ 📖 Learn & Aware
    ├── 🎥 Short Explainer Videos (1–2 min)
    │   Topics:
    │   - "Why DBT matters for your child?"
    │   - "How to link Aadhaar in 3 steps"
    │   - "Common mistakes parents do"
    │
    ├── 🖼️ Infographic Cards
    │   - Swipe format → one step per card

```
    │           - Share button for WhatsApp/Facebook
    │
    └──── 🎙️ Voice Guides
          - Regional language auto-play
          - Option: "Listen again" or "Download as audio"


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3️⃣ 🛠️ Action Tools
    ├──── 📍 Bank / CSC Locator
    │      - Map with directions
    │      - Show working hours
    │      - One-tap "Call Bank"
    │
    ├──── 📝 Document Checklist
    │      - Aadhaar, Bank Passbook, School ID
    │      - Tick when ready ✅
    │
    ├──── 🌐 Govt Portal Links
    │      - Direct to UIDAI & DBT sites
    │      - Simplified forms
    │
    └──── 🔔 Reminders
          - SMS/Notification: "Tomorrow is your bank visit"
          - Family calendar sync


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4️⃣ 📊 Family Dashboard
    ├──── All Children in One View
    │      - 👦 Child 1 → 🟢 Enabled
    │      - 👧 Child 2 → 🔴 Not Enabled
    │      - 👦 Child 3 → 🟡 Pending
    │
    ├──── Progress Timeline
    │      - When DBT was enabled
    │      - History of last 12 months
    │
    └──── Export/Share Option
          - "Send full DBT report to WhatsApp / PDF"


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5️⃣ 🎁 Rewards & Motivation
    ├──── Parent Coins
    │      Earned for:
    │      - Enabling DBT (+20)
    │      - Watching a guide (+5)
    │
```

```
│            - Sharing awareness (+10)
│
├──── 🏆 Smart Parent Badge
│            - Bronze → Silver → Gold → Platinum
│            - Shown on Family Dashboard
│
├──── ❤️ My Child's Progress
│            - Parent sees kid's quiz scores & badges
│            - Emotional bonding
│
├──── 📈 Impact Map
│            - Shows % DBT enabled in their school/area
│            - Parents feel part of bigger movement
│
└──── Parent Leaderboard
             - Top parents in school/community
             - "Ambassador of Awareness" tag


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6️⃣🤝 Help & Support
│
├──── 🤖 AI Chatbot
│            - "Why my DBT not credited?"
│            - "Which bank to visit?"
│
├──── 📞 WhatsApp Help Desk
│            - Real human support in 22 languages
│
└──── 🛠️ Ask School
             - Message teacher/admin
             - Status update request


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7️⃣🌐 Community Impact
│
├──── School-Level Progress
│            - Graph: % DBT enabled
│            - Compare classes
│
├──── Area/State Map
│            - Heatmap of DBT awareness
│            - Red (low) → Green (high)
│
└──── Parent Challenges
             - "Bring 2 more parents to enable DBT"
             - Rewards: Extra coins + special badg
```

Teacher Section

```
├── [Check Student Status]
│   ├── [Select Class]
│   ├── [Enter Roll No or Upload CSV]
│   ├── [Backend Checks & API]
│   ├── [Display Results]
│   │   ├── Green Badge → Benefits Active
│   │   ├── Yellow Badge → Seeded, Action Needed
│   │   └── Red Badge → Not Seeded, Instructions
│   ├── [Export Report]
│   └── [Send Reminders/Seed Request]
├── [Upload Student Data]
│   └── [Parse CSV & Match]
├── [Reports & Analytics]
│   ├── [Geo Heatmap]
│   ├── [Class/School Graphs]
│   └── [Lagging Schools List]
├── [Awareness Toolkit]
│   └── [Download Posters, Videos]
├── [Help & Support]
│   ├── [AI FAQs]
│   ├── [Helpdesk Ticketing]
│   └── [Live Chat]
└── [Role & Language Selection]
```

Admin Flowchart (Line-Drawn Arrow Style)

```
[Login Screen]
    |
    v
[Main Dashboard]
    |
    +--> [School-wise Reports]
    |       |
    |       v
    |   [View Summary] --- [Filter/Search] --- [Export Data]
    |
    +--> [Region & Community Mapping]
    |       |
    |       v
    |   [Interactive Map] --- [Region Details]
    |
    +--> [Progress & Trend Analysis]
    |       |
    |       v
    |   [Graphs & Charts] --- [Historical Data]
    |
    +--> [Notifications & Campaigns]
    |       |
    |       v
    |   [Send Notifications] --- [Upload Campaigns]
    |
    +--> [Data Management & Updates]
    |       |
    |       v
    |   [Upload School Data] --- [Verify & Audit Data] --- [Manage School Profiles]
    |
    +--> [Reports & Analytics]
    |       |
    |       v
    |   [Generate Reports] --- [Download Reports]
    |
    +--> [Issue Reporting & Support]
    |       |
    |       v
    |   [Flag Cases] --- [Support Requests]
    |
    +--> [Recognition & Rewards]
            |
            v
       [Admin Leaderboard & Badges]
```

Other (Volunteer/Community Member/common people)

```
                    +--------------------------+
                    |    Login via Aadhar + OTP     |
                    +--------------------------+
                                 |
                                 v
                    +--------------------------+
                    |     User Dashboard / Main Hub    |
                    +--------------------------+
                                 |
           +------------------------+------------------------+
           |                        |                        |
    +---------------+     +----------------------+    +------------------+
    | Check DBT     |     | Awareness Content    |    | Notifications &  |
    | Status        |     |                      |    | Announcements    |
    +---------------+     +----------------------+    +------------------+
           |                        |                        |
           v                        v                        v
     Enter Details          Browse & Read Content      View Latest Updates
           |                        |                        |
           v                        v                        v
  View Status & Details    Download Resources        Campaigns & Notices
           |                                  |
           +-------------------------------------------------+
                                 |
                        +--------------+
                        | Feedback & Support |
                        +--------------+
                                 |
                         Submit Issues / Contact
                                 |
                        +------------------+
                        | Profile & Settings|
                        +------------------+
                                 |
                         Update Info / Preferences
```