

Business Requirements Document (BRD)

Project Title: Payment Notification SDK

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1. Objective

To build a Flutter SDK that allows any app to send a push notification to another user's app after an external payment (like UPI, wallet, or bank transfer) is completed.

2. What It Does

- Lets the sender app trigger a push notification.
- A backend service receives the request and sends a Firebase push notification to the receiver.
- The receiver's app shows the payment alert.

3. What It Doesn't Do

- It does not process payments.
- It does not verify payment success.
- It is not a wallet or payment gateway.

4. Who Will Use It

- Apps that want to notify users about received payments, like:
 - Peer-to-peer apps
 - Marketplace apps
 - Custom billing/tracking apps

5. Main Components

- Plugin : Sends notification trigger to backend
- Backend : Sends push notification via FCM
- Receiver App: Integrated with Firebase to receive notifications

6. Next Steps

- Build a simple SDK method to send notification data
- Create backend endpoint to receive the request
- Test notification delivery in two apps (sender and receiver)