# Business Requirements Document (BRD)

Project Title: Payment Notification SDK

Prepared By: Rohan Batra

Date: 24 June 2025

## 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)