

Staymate Project Effort & Timeline (Estimated 3.5–4.5 Months)

1 Old App Changes

✓ Razorpay Integration

Effort: 1 week

Work Includes: API integration, webhooks, receipt update, testing

Dependencies: Billing flow cleanup

Target Completion: Week 1

2 Owner App – New Feature

✓ Manual Tenant Addition

Effort: 0.5 – 1 week

Work Includes: New form, validations, linking to tenant onboarding

Target Completion: Week 2

3 UI Changes (Major Workload)

✓ Owner App Full UI Revamp

Effort: 3–4 weeks

Work Includes: New design, core UI components, navigation redesign

Target Completion: Week 3 → Week 6

✓ Tenant App Full UI Revamp

Effort: 3–4 weeks (parallel)

Work Includes: Tenant dashboard, payments, onboarding screens

Target Completion: **Week 4** → **Week 7**

4 Auto-Fill Address (GPS Based)

✓ **Auto Fill via GPS & Geocoding**

Effort: 1 week

Work Includes: Map API, pincode detection, permissions

Target Completion: **Week 13** → **Week 14**

5 QR Code & Scanner

✓ **QR Generation (Owner)**

Effort: 3–4 days

Work Includes: QR generation using PG ID + Owner ID

Target Completion: **Week 17**

✓ **QR Scanner (Tenant)**

Effort: 1 week

Work Includes: Rent payment, check-in verification, visitor logs (future)

Target Completion: **Week 17** → **Week 18**

6 DigiLocker Integration

 **R&D for DigiLocker & KYC**

Effort: 1 week

Research Includes:

- Aadhaar masked vs full Aadhaar
- Consent-based data pull
- DigiLocker API flow (Generate OTP → Token → Fetch Docs)
- Encryption & secure storage
- Edge cases: invalid docs, repeated downloads

✓ Tenant Verification (Aadhaar + Docs)

Effort: 2 weeks

Work Includes: Authentication, encrypted storage, KYC verification

Target Completion: Week 14 → Week 16

✓ Owner Verification (Aadhaar + Business Proof)

Effort: 1 week

Target Completion: Week 16 → Week 17

7 Community Chat Module (Owner & Tenant)

R&D for WebSocket / Firebase Realtime Chat

Effort: 1 week

R&D Includes:

- WebSocket vs Firebase decision
- Message delivery system
- Read receipts
- Media upload feasibility
- Push notification strategy

- Group structure (owner community + tenant-only chat)

✓ Owner Community Chat

Effort: 2 weeks

Work Includes: Announcements, pin messages, reminders, disable chat

Target Completion: **Week 10** → **Week 12**

✓ Tenant Community Chat (Private Group)

Effort: 1 week

Work Includes: Group chat, media uploads, tenant-only access

Target Completion: **Week 12** → **Week 13**

✓ Chat Technical Layer (Realtime + Notifications)

Effort: 2 weeks

Work Includes: Firebase/WebSocket implementation, read/unread, push notifications

Target Completion: **Week 11** → **Week 13** (parallel)

8 Owner Banking Module

R&D for Banking Module

Effort: 3–4 days

Research Includes:

- Bank API workflow
- IFSC auto-fetch testing
- ₹1 verification
- Refund & failure scenarios
- Payout structure & beneficiary mapping

✓ Add Bank Details Page

Effort: 1 week

Work Includes: IFSC auto-fetch, ₹1 test transaction, error handling

Target Completion: **Week 7** → **Week 8**

✓ Payout Settings (Weekly / Monthly)

Effort: 1 week

Work Includes: Auto payout date calculation, backend logic

Target Completion: **Week 8** → **Week 9**

✓ Payment History Page

Effort: 1 week

Work Includes: Filters, receipts, PDF export

Target Completion: **Week 9** → **Week 10**

9 Language Functionality

✓ Languages to Support

- Telugu
- Hindi
- Kannada
- Malayalam
- Tamil
- English

Effort: 1 week (string dictionary + translation setup)

10 Filters (Tenant App)

✓ Nearby PG Filters

Effort: 3–4 days

Work Includes:

- Location-based PG listing
 - Radius filter
 - Sorting by distance
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High-Level Timeline Summary

Phase	Duration
Initial Integrations (Razorpay + Tenant Add)	Week 1–2
Major UI Revamp	Week 3–7
Banking Module + R&D	Week 7–10
Chat System + WebSocket R&D	Week 10–13
Auto-Fill Address	Week 13–14
DigiLocker + KYC	Week 14–17
QR Code System	Week 17–18
Language & Filters	Parallel / End-phase



Resources Occupied

1] Divyansh — React Native Developer

- Owner App UI

- Tenant App UI
- Chat system
- QR scanner
- Language setup

2] Kapil — Flow Making & Delivery Lead

- Architecture
- Module flow design
- Testing coordination
- Delivery planning
- API documentation guidance

3] Arastu — PHP Developer

- Banking module APIs
- Razorpay backend
- DigiLocker backend
- Chat backend setup
- Filters & logic APIs