

Summarized Overview Document

Version: 2.0 (Revised - Gamification Removed)

Last Updated: January 10, 2026

Project Status: Foundation Ready (Pivoted from SplitLah Bill Splitter)

EXECUTIVE SUMMARY

What is Residex?

Residex is Malaysia's first comprehensive residential super app that digitizes the entire rental lifecycle—from move-in to daily operations to move-out.

Tagline: "Index your rental life"

One-Line Pitch:

Residex protects deposits through timestamped photos with landlord agreement, splits bills fairly with receipt scanning, tracks chores automatically, and creates portable rental resumes—transforming chaotic shared housing into structured harmony.

Target Market: 3.5M rented units in Malaysia, focusing on students and young professionals in shared housing (Klang Valley, Penang, JB)

THE 6 PROBLEMS WE SOLVE

1. The Deposit Trap

- Problem: 78% of Malaysian tenants lose RM 800-2,000 per tenancy
- Cause: No documented proof of unit condition at move-in

- Solution: Digital Handover with Ghost Overlay alignment + Double-Handshake landlord agreement + crypto timestamps

2. Bill Disputes 📄

- Problem: 65% of shared housing has monthly bill arguments
- Cause: Manual splitting, no receipt verification, unequal contributions
- Solution: Bill Splitter with OCR (Google ML Kit) + payment tracking + automatic reminders

3. Chore Wars 🗑️

- Problem: 82% cite chores as primary housemate friction
- Cause: No accountability, no fair rotation system
- Solution: Chore Scheduler with auto-rotation + photo verification + points system feeding Harmony Score

4. Ghost Landlords 👻

- Problem: 21-day average response time for maintenance
- Cause: No formal communication channel or escalation path
- Solution: Maintenance Tickets with auto-escalation (4h-14d) + landlord performance ratings

5. Reputation Gap 🇲🇾

- Problem: Good tenants can't prove reliability to new landlords
- Cause: No rental history system in Malaysia
- Solution: Dual Score System (Fiscal + Harmony) + portable rental resume PDF

6. Communication Chaos 🗨️

- Problem: Important property updates lost in WhatsApp groups

- Cause: No centralized platform for announcements
- Solution: Community Board with announcements, Q&A, polls, events

★ CORE FEATURES (8 MODULES)

MODULE A: CORE ENGINE

1. Dual Score System (0-1000 points each)

Fiscal Score (Financial Reliability):

- Payment punctuality (40%)
- Payment consistency streaks (25%)
- Contribution fairness (20%)
- Payment method reliability (10%)
- Historical trend (5%)
- Color-coded tiers: Perfect (900-1000) / Excellent (800-899) / Good (600-799) / Fair (400-599) / Poor (0-399)

Harmony Score (Behavioral Reliability):

- Chore completion rate (35%)
- Housemate ratings (30%)
- House rule adherence (20%)
- Tenure stability (10%)
- Community contribution (5%)

Privacy Controls:

- Visibility: Public / House-only / Private
- Component-level hiding
- Anonymous peer reviews
- Consent-based sharing

2. Rental Resume (Portable PDF/Link)

Contains:

- Dual scores summary (Fiscal + Harmony with visual gauges)
- Rental history (current + previous properties, tenure dates)
- Financial summary (bills paid on time %, total bills, never late status)
- Household contribution (chore completion %, housemate rating)
- Verified by Residex badge
- QR code verification link

Sharing Options:

- Download PDF
- Password-protected link
- QR code
- WhatsApp/Email
- Custom versions (landlord-only, housemate-only)

MODULE B: OPERATIONS (Daily Life)

3. Bill Splitter with Receipt Verification

Bill Types:

- 💡 Electricity (TNB)
- 💧 Water (Air Selangor)
- 📶 Internet (TM/Unifi)
- 🏠 Rent
- 🔥 Gas
- 📄 Custom




OCR Technology:

- Google ML Kit (on-device, offline, free)
- Cloud Vision API (backup, 1,000 free/month)
- 90% accuracy for Malaysian bills
- Auto-extract: Total, date, line items, tax
- Manual correction interface

3 Split Methods:

1. Equal Split (default): $\text{Total} \div N \text{ people}$
2. Custom Percentage: Assign % per person (e.g., heavy AC user 40%)
3. Per-Item Assignment: For groceries/group orders

Payment Tracking:

- Status per person: Paid  / Pending  / Overdue 
- Payment methods: TNG, GrabPay, DuitNow, Boost, ShopeePay, MAE, Cash
- "Mark as Paid" + "Send Reminder" buttons
- Automatic reminders (Day 3, 5, 7, 10)
- Overdue counter

Additional Features:

- Receipt archive (search, filter)
- Spending analytics (monthly trends, category breakdown)
- Payment history per person
- Export to Excel/PDF
- Tax/discount/service charge handling

4. Chore Scheduler with Accountability

Quick Templates (10+ chores):

- 🗑️ Take Out Trash (Every 3 days)
- 🧹 Sweep Common Areas (Weekly)
- 🍽️ Wash Dishes (Daily)
- 🧼 Clean Bathroom (Weekly)
- 🛒 Buy Supplies (When needed)
- 🧺 Laundry, 🌱 Water Plants, 🧹 Vacuum, etc.

Custom Chore Builder:

- Frequency: Daily/Weekly/Custom
- Assignment: Auto-Rotate / Manual
- Points: 10-50 pts based on effort

Auto-Rotation System:

- Fair distribution algorithm
- Tracks history (who did what, when)
- Ensures equal turns over time
- Missed turn = next slot priority
- Swap system with approval (Accept/Decline/Counter-offer)

Verification System:

- Mark as done
- Photo proof upload (optional)
- Housemate verification (optional)
- Auto-verify after 24h if no dispute
- Points allocation:
 - With photo + verification: 100%
 - With photo only: 90%
 - Without photo + verification: 85%
 - Without photo: 70%

Dashboard:

- Today's chores (yours + housemates)
- Overdue indicators
- Calendar view
- Monthly statistics (completion rates, balance)




Reminders:

- 1 day before
- 2 hours before
- Overdue notifications

Feeds Harmony Score directly

5. Resource Monitor (Shared Supplies)

Status Tracking:

-  Well Stocked (green)
-  Running Low (yellow)
-  Out of Stock (red)
- Quantity tracking
- Last purchased by/date

Purchase Logging:

- Item, quantity, cost, store
- Receipt photo upload
- Split cost toggle (equal split Y/N)

Reimbursement:

- Auto-calculate per person
- Request via Residex/WhatsApp/Email

- Payment status tracking

Fair Contribution Analytics (3 months):

- Total spent breakdown
- Who bought what %
- Balance indicators
- "Who should buy next" suggestions

Shopping List:

- Shared house list
- Claim items to buy
- Mark as purchased

Example Items: Toilet Paper, Dish Soap, Detergent, Kitchen Towels, Trash Bags, Light Bulbs, Sponges, Floor Cleaner, Hand Soap

MODULE C: LIFECYCLE (Governance)

6. Digital Handover ★ (STAR FEATURE - "Digital Lawyer")

⚠ The Legal Innovation:

Just taking pictures isn't enough to win a dispute. Residex adds two bulletproof mechanisms:

MECHANISM #1: The "Ghost Overlay" (Perfect Alignment) 👻

The Problem:

When tenants move out 12 months later, they don't remember how they took the original photo.

The Solution:

When taking the Move-Out photo, the app displays the Move-In photo as a translucent "Ghost" layer on the camera screen.

How It Works:

🏠 Move-Out Photo Capture

[Live camera view with 50% transparent overlay of original photo]

Opacity:  50% [slider: 0-100%]

Instructions:

"Align the room with the ghost image"

- ✓ Stand in same position
- ✓ Match furniture/wall alignment
- ✓ Ghost turns GREEN when aligned

[Capture Button - glows GREEN when aligned]

Alignment Score: 93% (Excellent)

The Result:

Perfect side-by-side comparison that no Small Claims Court can argue with.

MECHANISM #2: The "Double-Handshake" (Legal Lock) 🔒

The Problem:

A photo is worthless if the Landlord says, "I never saw that."

The Workflow:

Step 1: Tenant Action

- Tenant snaps photos of existing damage on Move-In Day
- System compiles "Condition Report" with timestamped photos

Step 2: Landlord Notification

- Landlord receives: Push notification + Email + SMS
- Subject: " ⚠️ URGENT: Property Handover Report Requires Your Review"
- Deadline: 7 days to review and respond

Step 3: Landlord Review Interface

- Full report display (all photos, annotations, defects)
- Add landlord notes (optional)
- Dispute specific items (optional)
- Decision options:
 - ✅ "I AGREE" - Report is accurate
 - ⚠️ "I DISPUTE" - Some items need discussion
 - ❌ "I REJECT" - Report is inaccurate

Step 4: Agreement Actions

If "I AGREE":

- Report status → 🔒 LOCKED & AGREED
- Timestamp recorded
- Both parties receive confirmation email
- Report becomes read-only (cannot be deleted/edited by anyone)
- Legal notice: "This report is now a binding record of property condition"

If "I DISPUTE":

- Opens dispute resolution flow
- 3-day discussion window

- Both parties add comments/photos
- Final agreement or escalation to mediation

If "I REJECT":

- Tenant receives rejection with reason
- Option to schedule joint inspection
- Admin/mediator notification

If NO RESPONSE within 7 days:

- Report auto-locks as "AGREED BY DEFAULT"
- Landlord receives final warning 24h before auto-lock
- Legal record: "No dispute within 7 days = legally binding"

Step 5: The Legal Lock

Once agreed (manually or by timeout):

- ☒ Read-Only (no edits allowed)
- ☒ Tamper-Proof (hash verification)
- ☒ Legally Binding (both parties agreed)
- ☒ Permanently Stored (7+ years)
- ☒ Court-Admissible (crypto timestamps + signatures)


Report Header After Lock:


<p> <input checked="" type="checkbox"/> LEGALLY BINDING HANDOVER REPORT </p> <p> <input checked="" type="checkbox"/> Locked & Agreed: Jan 12, 2026 </p>

Agreement Status:

Tenant: Sarah Tan ☒ Signed: Jan 10, 2026

Landlord: Tan Ah Kow  Agreed: Jan 12, 2026

 This report cannot be edited or deleted.

 Legally admissible in Small Claims Court.

Notification Schedule:




- Day 0: Report generated, landlord notified
- Day 1: Reminder "6 days to review"
- Day 3: Reminder "4 days to review"
- Day 6: Final warning "24 hours to review"
- Day 7: Auto-lock if no response

Move-In Handover Flow:

1. Room-by-Room Photography

- 5+ photos per room minimum
- Guidelines: lighting, focus, angles
- Progress tracker

2. Defect Annotation

- Tools: Circle  / Arrow  / Text 
- Defect type: Crack/Stain/Scratch/Dent/Other
- Severity: Minor/Medium/Major
- Description field

3. Comprehensive Documentation

- All rooms + fixtures (AC, water heater, cabinets, appliances)
- Percentage completion

4. PDF Report Generation

- Crypto timestamps (SHA-256 hash)
- Watermarks: Residex | Date | Hash
- Room-by-room breakdown

- Legal declaration
- Digital signature fields
- QR verification code

5. Double-Handshake Process (7-day agreement window)




6. Report Delivery

- Email tenant + landlord
- Save to cloud (7+ years, encrypted)
- Download PDF
- WhatsApp share

Move-Out Comparison:

1. Ghost Overlay Camera (align new photos with originals)

2. Before/After Analysis

- Side-by-side view
- Overlay slider
- AI damage detection (premium)
- Status: Unchanged  / Worsened  / New Damage 

3. Move-Out Report (same format as Move-In)

4. Double-Handshake (landlord reviews, agrees on deductions)

Dispute Resolution Tools:

1. Evidence Comparison Dashboard

- Landlord claims vs actual evidence
- Residex assessment (Fair/Unfair)
- Recommended counter-offer

2. Dispute Letter Generator

- Pre-filled legal template

- Evidence attachments
- Legal citations (Contracts Act 1950)
- Email/PDF download

3. Small Claims Court Kit

- Step-by-step filing guide
- Required forms (pre-filled)
- Evidence package
- Hearing prep tips

4. Mediation Request

- In-app third-party review
- Video call mediation
- Binding agreement option

Technical Specifications:

Legal Validity:

- SHA-256 crypto timestamps
- RFC 3161 timestamping
- Court-admissible format (PDF/A)
- Malaysia Evidence Act 1950 compliant
- 7-year retention minimum

Security:

- End-to-end encryption
- Immutable storage (write-once)
- Tamper detection
- Access logs
- PDPA compliant

Monetization: RM 19.90 per handover report (protects RM 2,000 deposit)

7. Maintenance Ticket System

Categories:

- 🔥 AC/Heating | 💧 Plumbing | ⚡ Electrical | 🚪 Doors/Windows | 🛠️ Appliances | 🏠 Structure | 🐛 Pest Control

Urgency Levels:

- URGENT (safety hazard)
- HIGH (fix within 3 days)
- MEDIUM (fix within 1 week)
- LOW (can wait weeks)

Ticket Features:

- Unique ID (K-YYYY-MMDD-NNN)
- Photo/video uploads
- Timeline tracking
- Manual reminders
- Landlord response time tracking

Auto-Escalation:

- URGENT: 4 hours → Escalate
- HIGH: 4 days → Escalate
- MEDIUM: 8 days → Escalate
- LOW: 14 days → Escalate
- Actions: Email property manager, CC housing authority, legal options

Resolution & Rating:

- Mark resolved
- Rate landlord: Responsiveness (1-5★) / Repair Quality (1-5★)

- Comments (public/private)

Landlord Performance Dashboard:

- Overall rating
- Response time stats (avg/best/worst)
- Resolution time stats
- Tickets breakdown

8. Community Board (Property Forum)

A. Management Announcements

- Categories: Property Updates, Urgent Notices, Events, Tips, Community News
- Priority levels: Low/Medium/High/Urgent
- Pin to top, push notifications
- Rich text, photo/document attachments

B. Community Q&A

- Categories: Maintenance, Deliveries, Parking, Facilities, Neighborhood
- Upvote/downvote answers
- Best answer badge 🏆
- Management verified badge ✅
- Search past questions


C. Community Polls

- Visual bar charts (live results)
- Anonymous voting option
- Add options toggle
- Deadline dates

D. Community Events

- RSVP tracking (Yes/Maybe/No)
- Add to calendar
- Comments section
- Max attendees limit

E. Moderation (Management)

- Pin/unpin posts
- Delete inappropriate content
- Mark official posts 
- Archive old discussions
- Moderation logs

SUPPORTING FEATURES

9. Property Management

- Create/edit properties
- Multiple properties per user
- Property details (address, landlord, rent, lease dates)
- Property dashboard with quick actions

10. User Profile & Settings

- Edit profile (name, phone, avatar)
- Privacy settings
- Notification preferences
- Payment method management
- Theme (Dark/Light)

11. Friends/Housemate Management

- Add friends
- Friends list
- View profiles
- Invite to property
- Contact integration

12. Analytics & Insights

- Spending trends (monthly)
- Category breakdown
- Payment patterns
- Chore completion trends
- Score history graphs

TECHNICAL STACK

Frontend

- Framework: Flutter 3.10+ (Dart)
- State Management: Riverpod 2.5+
- Navigation: Go Router 14.2+
- UI: Google Fonts, Lucide Icons
- Animations: Flutter Animate 4.5+

Backend (Google Tools Only - KitaHack)

- Auth: Firebase Authentication (Phone +60)
- Database:
 - Local: Drift (SQLite) - Offline-first

- Cloud: Firebase Firestore - Sync
- Storage: Firebase Storage (Photos, PDFs)
- Functions: Firebase Cloud Functions (Escalations, reminders)
- Notifications: Firebase Cloud Messaging
- Analytics: Firebase Analytics
- Crashlytics: Firebase Crashlytics

AI/ML (Google)

- OCR: Google ML Kit (on-device, free) + Cloud Vision API (backup)
- Translation: Google Cloud Translation API (Guard chat - future)
- AI Damage Detection: TensorFlow Lite (optional premium)

Database Schema (14 Core Tables)

1. users (profiles, scores)
2. properties (houses/units, landlord info)
3. groups (housemate groups)
4. bills (splitting logic)
5. receipt_items (line items)
6. chores (recurring definitions)
7. chore_instances (occurrences)
8. handovers (move-in/out reports)
9. handover_photos (timestamped + annotations)
10. tickets (maintenance tracking)
11. community_posts (announcements, Q&A, polls, events)
12. community_comments (answers, replies)
13. comment_votes (upvote/downvote)
14. score_history (tracking over time)

Supporting Tables: chore_swaps, resources, resource_purchases, shopping_list, defects, ticket_comments, notifications

BUSINESS MODEL

Revenue Streams

1. Freemium Subscription

- FREE: 1 property, 10 bills/month, basic handover (5 photos), Fiscal Score only
- PREMIUM (RM 9.90/month): Unlimited properties/bills/photos, full OCR, Dual Scores, advanced analytics, priority support
- ANNUAL (RM 99/year): 17% discount

2. Handover Reports (RM 19.90 one-time)

- Unlimited photos, legal PDF, crypto timestamps, cloud storage (7 years), move-out comparison, dispute tools

3. Landlord Dashboard (RM 299/year)

- Multi-property view, tenant score access (with consent), maintenance tracking, payment alerts, analytics

4. Agency Enterprise (RM 299/month)

- Unlimited properties, bulk screening, white-label, API access, dedicated manager

5. Future Revenue

- Affiliate commissions (furniture, insurance)
- Verified background checks (RM 29.90)
- Legal consultation referrals

Pricing Psychology

RM 9.90 (not RM 10):

- Psychological pricing
- Splits 4 ways = RM 2.48/person (less than coffee)

RM 19.90 for Handover:

- 1% of typical deposit (RM 2,000)
- One-time payment (easier commitment)
- "Insurance" framing

Revenue Projections

Year 2 Conservative:

- 10,000 free users, 500 premium (5% conversion)
- Revenue: ~RM 113,140/year

Year 2 Optimistic:

- 50,000 free users, 2,500 premium
- Revenue: ~RM 601,580/year

Path to RM 1M ARR:

- ~100,000 total users by Year 3

IMPLEMENTATION ROADMAP (6-Week Hackathon)

Week 1: Foundation

- Rebrand SplitLah → Residex
- Extend database schema (10+ new tables)

- Firebase setup (Auth, Firestore, Storage)
- Property management system
- Phone authentication

Week 2: Digital Handover (Star Feature)

- Multi-photo capture + room tagging
- Defect annotation tools (Circle/Arrow/Text)
- Timestamp watermarking
- PDF report generation
- Ghost Overlay camera implementation
- Double-Handshake landlord agreement workflow
- 7-day auto-lock mechanism
- Email/WhatsApp sharing

Week 3: Bill Splitter + OCR

- Polish existing bill splitting
- Google ML Kit OCR integration
- Malaysian bill templates (TNB, TM, water)
- Advanced splitting (custom %, per-item)
- Payment tracking & reminders
- Fix payment persistence bug (CRITICAL)

Week 4: Dual Scores + Chore Scheduler

- Fiscal Score algorithm implementation
- Harmony Score algorithm implementation
- Score dashboard UI (gauges, graphs)
- Chore creation & auto-rotation
- Chore verification & tracking

- Monthly statistics

Week 5: Beta Testing + Bug Fixes

- Deploy to TestFlight/Play Internal
- Recruit 5-10 beta houses (25-50 users)
- Collect feedback & fix critical bugs
- Performance optimization
- UI polish
- Optional: Resource Monitor or Maintenance Tickets (if ahead)

Week 6: Final Polish + Pitch Prep

- Demo account setup (realistic data)
- Analytics & metrics tracking
- Pitch deck (10 slides)
- Demo video (2-3 min)
- Pitch rehearsal (20+ times)
- App store screenshots
- Final bug fixes

SUCCESS METRICS

Hackathon Goals

Product:

- 6-8 features working
- 0 critical bugs
- <2 second load times
- 95% crash-free

Traction:

- 5-10 beta houses
- 25-50 active users
- 20+ bills split
- 5+ handover reports (with landlord agreements)
- 100+ chores tracked

Pitch:

- 10-min polished presentation
- 3-min flawless demo
- Business model validated
- Digital Handover "wow moment"

Year 1 Goals

Users:

- 2,000 houses (8,000 users)
- 40% monthly active rate
- 50% retention (6 months)

Revenue:

- RM 50,000 MRR
- 5% freemium conversion
- 10% handover report take rate
- RM 600,000 ARR

Product:








- 10 core features live
- 4.5+ star rating (App Store)
- <1% churn rate

COMPETITIVE ADVANTAGE

Direct Competitors:

- Splitwise: Bill splitting only, no Malaysian features
- SpeedHome: Digital tenancy agreements, no tenant scoring
- PropertyGuru/iProperty: Listings only, no operations

Residex Differentiators:

1.  Digital Handover with Ghost Overlay + Double-Handshake (NO competitor has this) 
2.  Receipt-verified bill splitting (Malaysian bills: TNB, TM, Air Selangor)
3.  Dual Score System (portable rental resume)
4.  Chore + Resource + Ticket management (all-in-one)
5.  Malaysian-first (TNB, DuitNow, guardhouses, +60 phone)
6.  Community Board (property-specific forum)



The Moat:

- First-mover advantage in Malaysian rental management
- Network effects (more users = better data = better scores)
- Legal mechanisms (Ghost Overlay + Double-Handshake = patent potential)
- Dual Score System = switching costs (tenants build reputation over time)










CURRENT PROJECT STATUS

Existing Codebase (From SplitLah)

- Overall: 97% UI complete (bill splitter only)
- Reusable Code: ~40% (35-40 files)

- Total Files: 109 Dart files, ~20,334 lines
- Compilation: 0 errors 
- Warnings: 4 (unused imports - cosmetic)
- Null Safety: 100% 

What's Already Working

-  Bill splitting logic (equal, custom %, per-item)
-  User/friends management
-  Groups system (will become Properties)
-  Payment tracking (needs bug fix)
-  Balance calculations
-  Dashboard UI patterns
-  Avatar system
-  Glass card components
-  Drift database architecture

Critical Bugs to Fix

1. Payment Persistence Bug (CRITICAL) - you_owe_screen.dart:1169
 - Payment status only updates local state, not database
 - Need to wire up UpdatePaymentStatus use case
2. Tax Items Filter Bug - assign_items_screen.dart:41
 - Filter logic inverted (shows tax instead of hiding)
 - Change != to ==

Code Reusability for Residex

- Bill splitting: 90% reuse
- Groups → Properties: 85% reuse

- Users management: 80% reuse
- UI components: 60-100% reuse
- Database architecture: Extend, not rebuild

NEXT ACTIONS

Immediate (This Week)

1. Fix 2 critical bugs (payment persistence + tax filter)
2. Create Firebase project (residex-my)
3. Enable all required services (Auth, Firestore, Storage, Functions, Analytics)
4. Rebrand app name/colors to Residex

Week 1 Focus

1. Extend Drift database schema (add 10 new tables)
2. Set up Firebase Authentication (phone +60)
3. Build property management foundation
4. Begin Digital Handover planning

Team Alignment

- Share documentation with dev partner
- Review scope and features
- Agree on roles (who builds what)
- Set up daily standup schedule
- Create project board (Trello/GitHub)

KEY DECISIONS

What We Removed

- ❌ Gamification elements (badges, leaderboards, trophies)
- ❌ Achievement showcase screens
- ❌ Badge widgets and painters
- ❌ Gamification hub
- Reason: Focus on practical utility over game mechanics

What We Enhanced

- ✅ Digital Handover with Ghost Overlay (move-out photo alignment)
- ✅ Digital Handover with Double-Handshake (landlord agreement + 7-day auto-lock)
- Reason: These are the legal mechanisms that make Residex truly bulletproof for disputes

Architecture Philosophy

- Offline-first (Drift SQLite local, Firebase cloud sync)
- Malaysian-first (TNB, TM, Air Selangor, DuitNow, +60)
- Legal-first (crypto timestamps, court-admissible PDFs)
- Privacy-first (consent-based sharing, PDPA compliant)

💡 KEY INSIGHTS

1. Deposit protection > Bill splitting: Digital Handover alone is worth building for (saves RM 2,000)
2. Legal mechanisms matter: Ghost Overlay + Double-Handshake = no Small Claims Court can argue with this
3. Malaysian-first wins: TNB, DuitNow, guardhouses = clear differentiation from Splitwise
4. Dual Scores = switching costs: Once tenants build reputation, they won't leave

5. Network effects: More users = better score benchmarking = stronger moat

USEFUL LINKS

Documentation:

- Project Memory: D:\Projects\Kongsi\Bill_Splitter_App\context\project-memory.md
- Complete Documentation: D:\Projects\Kongsi\Bill_Splitter_App\context\K-OS-Complete-Documentation.md
- This Summary: D:\Projects\Residex\Residex.docx

Firebase:

- Firebase Console: <https://console.firebase.google.com>
- Google Cloud Console: <https://console.cloud.google.com>

Project:

- Codebase: D:\Projects\Kongsi\Bill_Splitter_App\bill_splitter_app\
- Pubspec: D:\Projects\Kongsi\Bill_Splitter_App\bill_splitter_app\pubspec.yaml

END OF SUMMARIZED OVERVIEW

Document Stats:

- Word Count: ~4,500 words
- Coverage: All 8 core features + technical stack + business model + roadmap
- Format: Markdown (copy to Word)
- Status: Ready for pitch prep, investor decks, team alignment

Confidence Level: HIGH

Timeline: 6 weeks to MVP

Team: 2 developers ready

Budget: RM 0 (Google Cloud free tiers)