

aaryan is not feeling well

sakshi sawarkar



Chapter 1 - Aaryan Dismisses a Niggling Discomfort at His Office

The fluorescent hum of overhead lights thrums like an irritated wasp in Aryan's skull as he squints at his computer screen. His left-hand hovers over the keyboard, two fingers twitching with the memory of a half-typed email. The air smells faintly of burnt coffee and synthetic lemon cleaner, the scent clinging to the center lock partition walls. It's 9:47 a.m., according to the clock above Room 312's door, its second hand jerking forward with mechanical indifference. He's missed it again: the subtle shift in his gut that began as a faint fizz, the kind of sensation you blame on rushed takeout or forgotten breaks. But now, a sharp pinch digs below his ribs, as though someone's inflated a balloon inside his abdomen. He exhales slowly, pressing his palm flat against his sternum.

Digestive tract spasms from caffeine overuse, he tells himself, though the diagnosis tastes hollow.

The chair creaks when he shifts to open a desk drawer. Bottles of antacids, ibuprofen, and a half-melted roll of breath mints clink together. He swallows two chalky tablets dry, their bitterness pooling at the back of his tongue. When he straightens, the movement jostles his stomach into a deeper ache. The spreadsheet on his monitor blurs as his eyes water. He blinks rapidly, typing the last line of quarterly expenses twice before deleting it.

"You look like hell," Priya says, sidling up to his cubicle with a chipped cardboard coffee cup. A sticker on it reads "World's Best

Assistant Manager” in flaking silver ink.

“Ambrosia,” he mutters, thumping his fist lightly against the side of his monitor to sharpen the pixels.

She raises an eyebrow, the mole beside it trembling faintly. “You’re green. Like... lime Jell-O green.”

The keyboard clicks louder as his thumbs attack the keys. “Jealousy’s an ugly color, Priya.”

“Fine. Die of dysentery on my watch.” She knocks the styrofoam cup onto his desk, sloshing coffee across his wrist. Dark liquid seeps into a stack of invoices. Aaryan jerks his hand back, but not before the warmth spreads over his skin like spilled ink.

“I’m *fine*,” he snaps, too loud. The phrase boomerangs backward, echoing in the open-plan office. A few heads turn—Raj from Accounting, Mei-Ling with her ever-whirring printer—and then retreat like startled turtles. Priya’s mouth tightens into a line Aaryan knows too well, the one that precedes lectures about burnout and HR brochures. He pivots his chair to face the window.

The parking lot sprawls there, a cracked tarmac field studded with delivery trucks and employees slouching against cars for nicotine hits. A gull lands on a puddle, its shadow stretching thin over the asphalt. Aaryan’s stomach clenches violently. He digs his nails into his thigh, counting backward from one hundred.

LOKAL APP

Full Task Breakdown — Backend & Frontend

Project Manager Reference Document • All phases included •

Admin: ozan@gmail.com / Entropy8

How to read this document

Backend	Server-
----------------	---------

		side work — data, payments, emails, APIs, security. Users don't see this directly.
	Frontend	What users see and click — screens, buttons, forms, notifications, navigation.
	Bug	Something that is broken and needs to be fixed before or after launch.
	Feature	Something that needs to be built — it doesn't exist yet.

Security	A safety or privacy gap that could expose user data or allow hacking.
Launch	Must be done before the app goes live to real users.
Phase 2 / 3	Planned for after launch — don't let devs work on these now.

BACKEND TASKS

53 total tasks • Backend = the engine behind the app. Stores data, handles payments, sends emails, runs security. Users never see it directly — but everything breaks without it.

#	Task / Bug Description	Team	Type	Phase
1	User suspension button does not call the API — suspension is never actually saved to	Backend	Bug	Launch

	the database				
2	Authentication rejection email not sent when admin rejects a Local's application	Backend	Bug	Launch	
3	Admin 7-day suspension call returns error: 'Invalid value, path: userId, location: params'	Backend	Bug	Launch	
4	Audit log not recording moderation actions (suspension, rejection, flagging)	Backend	Bug	Launch	
5	User notification not sent after moderation decision (suspension/rejection)	Backend	Bug	Launch	
6	Manage Availability (Settings) — verify API endpoints exist; write memo to backend if missing	Backend	Bug	Launch	
7	Payout Details (Settings) — verify API endpoints exist; write memo to backend if	Backend	Bug	Launch	

	missing				
8	Languages (Settings) — endpoint likely missing; verify and write memo to backend	Backend	Bug	Launch	
9	Login Methods (Settings) — not connected to backend	Backend	Feature	Launch	
10	Security (Settings) — not connected to backend	Backend	Feature	Launch	
11	Push notification infrastructure (provisioning) — required for mobile app notifications when app is closed	Backend	Feature	Launch	
12	In-app notifications while app is open — backend real-time event system needed (WebSocket/SSE)	Backend	Feature	Launch	
13	Dashboard new message indicator — backend not pushing real-time updates	Backend	Bug	Launch	
14	SQL injection	Backend	Security	Launch	

	prevention — penetration testing not done				
15	PII handling audit — personal user data flows not security-tested	Backend	Security	Launch	
16	Malicious file detection — server-side scanning not implemented	Backend	Security	Launch	
17	Virus scanning integration — no antimalware pipeline on file uploads	Backend	Security	Launch	
18	Path traversal prevention — backend implementation unknown, needs verification	Backend	Security	Launch	
19	File content validation — only MIME type checked, full validation missing	Backend	Security	Launch	
20	Image processing security — resize/optimize pipeline not assessed	Backend	Security	Launch	

21	Storage security audit — file storage permissions and access not reviewed	Backend	Security	Launch
22	Memory leak monitoring — long sessions (8+ hours), large chat histories, multiple uploads not monitored	Backend	Bug	Launch
23	Rate limiting verification — not confirmed to be active	Backend	Security	Launch
24	Error tracking setup (e.g. Sentry) — no error monitoring in place	Backend	Feature	Launch
25	Performance monitoring setup — no server-side performance tracking	Backend	Feature	Launch
26	Backup and disaster recovery — not tested	Backend	Feature	Launch
27	Scaling plan — not validated under load	Backend	Feature	Launch
28	City Pulse API — validate active traveler counts, topicsInDemand,	Backend	Feature	Launch

	exampleQuestions, timeContext logic				
29	City Pulse admin city health states (healthy/warning/critical) — not validated	Backend	Feature	Launch	
30	Tax calculations — not implemented (simple gross pricing only)	Backend	Feature	Phase 2	
31	Refund workflow — not implemented	Backend	Feature	Phase 2	
32	Revenue sharing calculation — not implemented	Backend	Feature	Phase 2	
33	Minimum withdrawal amounts — backend ready but UI unclear	Backend	Feature	Phase 2	
34	Automated payout system — not implemented	Backend	Feature	Phase 2	
35	Tax reporting (1099 / documentation) — not implemented	Backend	Feature	Phase 2	
36	Withdrawal approval workflow — manual process, not defined	Backend	Feature	Phase 2	
37	Fraud detection	Backend	Feature	Phase	

	triggers — no automated monitoring			2	
38	Revenue reconciliation / accounting integration — not implemented	Backend	Feature	Phase 2	
39	Double charge prevention — not tested	Backend	Bug	Phase 2	
40	Currency conversion / multicurrency — USD only currently	Backend	Feature	Phase 3	
41	Dispute resolution workflow — not implemented	Backend	Feature	Phase 2	
42	Profanity check / automated content moderation — not implemented	Backend	Feature	Phase 2	
43	Spam detection — not automated, manual review only	Backend	Feature	Phase 2	
44	Automated moderation triggers — all manual currently	Backend	Feature	Phase 2	
45	Typing indicators — not implemented	Backend	Feature	Phase 2	

46	Online/offline status updates — not implemented	Backend	Feature	Phase 2
47	Photo sharing in chat — not implemented	Backend	Feature	Phase 2
48	Email system: city request digest, weekly digest, phone verification	Backend	Feature	Phase 2
49	Formal user appeal process — no appeal workflow exists	Backend	Feature	Phase 2
50	Escalation procedures — no escalation workflow exists	Backend	Feature	Phase 2
51	Multilanguage support — backend translation/locale system not implemented	Backend	Feature	Phase 2
52	Analytics > Platform Metrics — missing; weekly report, user growth, chat rates, revenue trends	Backend	Feature	Phase 2
53	Settings > Platform Settings — missing;	Backend	Feature	Phase 2

policies, automated moderation rules, health, audit logs			
--	--	--	--

FRONTEND TASKS

37 total tasks • Frontend = everything the user sees and taps on screen — buttons, pages, forms, chat windows, notifications, navigation.

#	Task / Bug Description	Team	Type	Phase
1	Profile photo not shown on dashboard and Personal Information page for Local users	Frontend	Bug	Launch
2	Profile photo not shown when uploaded during 'Become a Local' flow	Frontend	Bug	Launch
3	Story shown incorrectly on Local's profile page — layout or data mapping issue	Frontend	Bug	Launch
4	'Switch to Local' button still shows 'approval pending'	Frontend	Bug	Launch

		even after user is approved				
5		Local Settings > Personal Information — all fields (city etc.) showing dummy/hardcoded data	Frontend	Bug	Launch	
6		Local Settings > City Profile — not loading data from the database	Frontend	Bug	Launch	
7		Local Settings > Languages — showing dummy data; not fetching real user language preferences	Frontend	Bug	Launch	
8		Local profile does not show dietary preferences	Frontend	Bug	Launch	
9		Dashboard does not show new messages and does not refresh when navigating between pages inside the app	Frontend	Bug	Launch	

10	No unread message indicator (red dot/count) on chat icon in bottom navigation bar	Frontend	Bug	Launch
11	In-app chat notifications not visible when inside the app — messages not shown on bottom nav	Frontend	Bug	Launch
12	Traveler incoming chat dashboard — UI and bottom menu missing or incomplete	Frontend	Feature	Launch
13	Local incoming chat monitor dashboard — UI not complete	Frontend	Feature	Launch
14	App.tsx refactor — giant monolith file must be broken into components; state management needs restructuring	Frontend	Feature	Launch
15	Story Content	Frontend	Bug	Launch

	Moderation — image does not upload in the Create Story flow				
16	Admin moderation workflow test interrupted — flag for further investigation button not working	Frontend	Bug	Launch	
17	Credit card payment UI in 'Become a Local' flow — not tested / possibly not connected	Frontend	Bug	Launch	
18	Apple Pay UI — not tested at start of flow	Frontend	Feature	Launch	
19	PayPal UI — not tested	Frontend	Feature	Launch	
20	Mobile: camera access and session retention — not working consistently	Frontend	Bug	Launch	
21	Mobile: in-app notifications UI —	Frontend	Bug	Launch	

	not showing on mobile				
22	Admin: notification to user not shown after moderation action	Frontend	Bug	Launch	
23	WCAG 2.1 AA accessibility compliance — not tested; VoiceOver check missing	Frontend	Feature	Launch	
24	Page load times — must be under 3 seconds; performance testing not done	Frontend	Feature	Launch	
25	City Pulse — Test CityPulseLocal component in Local Dashboard widget (local mode testing needed)	Frontend	Feature	Launch	
26	City Pulse — Test in traveler home screen, local dashboard widget, and admin screens	Frontend	Feature	Launch	

27	City Pulse — Verify responsive design and animations	Frontend	Feature	Launch
28	City Pulse — Test real-time updates in UI if implemented	Frontend	Feature	Launch
29	Admin — login with admin account and activate admin mode (Ctrl+Shift+A), test city editorial analytics UI	Frontend	Feature	Launch
30	Admin — test AI suggestions and intervention controls in admin UI	Frontend	Feature	Launch
31	React to React Native — convert web app to native iOS/Android mobile app	Frontend	Feature 2	Phase
32	Availability toggle in 'Become a Local' flow — does it have	Frontend	Bug 2	Phase

	any actual effect? Needs UI verification			
33	Admin chat detail page shows 'coming soon' — needs to be built	Frontend	Feature 2	Phase
34	System messages — random/automated message UI not designed yet	Frontend	Feature 2	Phase
35	'Go Unlimited' and packages UI — subscription/package screens not designed	Frontend	Feature 2	Phase
36	Cross-language communication UI — multilanguage interface not implemented	Frontend	Feature 2	Phase
37	Emergency moderation — in- chat reporting feature UI for Local users not built	Frontend	Feature 2	Phase

PM QUICK NOTES

1. Two backlogs = one problem: Both MD files cover the same project but have small differences (File 2 adds Apple Pay, PayPal, and backend memo instructions). Merge everything into one master list in Jira. Having two separate documents means someone will update one and forget the other.

2. Security before launch: Items marked Security are not optional. SQL injection, virus scanning, and PII handling must be fixed before going live or you face legal and reputational risk.

3. Phase 2 items — freeze them now: There are 20+ Phase 2 features (refunds, multicurrency, tax, multilanguage). Make sure developers are not touching these before launch features are done. Lock them in Jira as Phase 2.

4. App.tsx refactor is a priority: The entire app lives in one giant file. This makes every bug harder to find and fix. This refactor should happen early — before new features are added on top of a messy foundation.

5. Backend memo process: For Settings pages (Availability, Payout, Languages), the frontend developer needs to write a memo to the backend team confirming which API endpoints exist and which are missing. Assign this action clearly in Jira.

