TaxiBaba 6-Month Sprint Plan

# Sprint 0 (Weeks 0-2)

\*\*Goal:\*\* Setup & Foundation

## Tasks:

* • Setup GitHub repo with folders (backend, mobile-rider, mobile-captain, admin-web).
* • Install tools: JDK 17, IntelliJ/VSCode, Flutter SDK, Postgres, Docker.
* • Create Spring Boot skeleton project with JWT + OTP mock service.
* • Rider & Captain app → Hello World + login screen UI.
* • Document architecture decision records (ADRs).

# Sprint 1 (Weeks 3-4)

\*\*Goal:\*\* Authentication & Users

## Tasks:

* • Backend: OTP auth APIs (/auth/send, /auth/verify) with mock OTP.
* • Database: Users, Captains, Riders tables.
* • Rider app: OTP screen → store JWT → show empty map.
* • Captain app: OTP screen → KYC form UI (static).
* • Postman collection for auth APIs.

# Sprint 2 (Weeks 5-6)

\*\*Goal:\*\* Trips — Core Ride Flow

## Tasks:

* • Backend: Trips table + state machine (requested, assigned, in-progress, completed).
* • Dispatch: Assign nearest Captain (simple geo-distance).
* • Rider app: Select pickup/drop using map API.
* • Captain app: Go Online/Offline, receive request, accept/reject, mark complete.
* • Rider sees trip progress.
* • Cash payment only.

# Sprint 3 (Weeks 7-8)

\*\*Goal:\*\* Wallets & Commission

## Tasks:

* • Backend: Wallets + Transactions tables.
* • Commission = ₹5 per trip auto-deducted.
* • Captain app: Wallet screen with earnings summary.
* • Admin dashboard (React): View trips + commissions.
* • Add courier trip type (with parcel size & notes).

# Sprint 4 (Weeks 9-10)

\*\*Goal:\*\* Courier Add-ons & Safety

## Tasks:

* • Backend: Courier table (parcel photos, POD OTP).
* • Rider app: Courier flow (upload photo, delivery OTP).
* • Captain app: Upload delivery photo + enter OTP to complete.
* • Safety: Rider SOS button (sends trip + location to admin dashboard).
* • Support tickets table + API.

# Sprint 5 (Weeks 11-12)

\*\*Goal:\*\* Payments & Notifications

## Tasks:

* • Rider app: UPI intent payment integration.
* • Captain payouts: daily settlement API.
* • Backend: Wallet → payout ledger.
* • Notifications: Push via FCM + in-app chat (WebSocket).
* • Admin dashboard: basic metrics (trips, revenue, captains).

# Sprint 6 (Weeks 13-14)

\*\*Goal:\*\* Pilot Prep & Bug Fixes

## Tasks:

* • Bug fixes and polish (loading states, error handling).
* • Beta test with ~10 Riders, ~5 Captains.
* • Branding basics (logo, splash screen).
* • Backend deployment on cloud (AWS/GCP).
* • Docs: ToS, Privacy Policy, Support email.

# Sprint 7 (Weeks 15-16)

\*\*Goal:\*\* Scaling Features

## Tasks:

* • Add surge pricing logic.
* • Driver referral system (invite code).
* • Basic fraud checks (duplicate accounts, emulator detection).
* • Expand courier features (weight-based pricing).

# Sprint 8 (Weeks 17-18)

\*\*Goal:\*\* Captain Incentives

## Tasks:

* • Captain streak rewards (X trips/day bonus).
* • Admin dashboard: incentive configuration.
* • Wallet updates for incentives payouts.

# Sprint 9 (Weeks 19-20)

\*\*Goal:\*\* Multi-City Expansion

## Tasks:

* • Support city field in trips & captains.
* • Admin dashboard: add/manage cities.
* • Geo-buckets per city for dispatch.

# Sprint 10 (Weeks 21-22)

\*\*Goal:\*\* Advanced Analytics

## Tasks:

* • Daily dashboards: DAU, MAU, trip completion %, cancellations.
* • Captain online time metrics.
* • City-level revenue and commission tracking.

# Sprint 11 (Weeks 23-24)

\*\*Goal:\*\* Stabilization & Public Launch

## Tasks:

* • Full regression testing.
* • Security review & basic penetration test.
* • Scale infra (DB replicas, caching).
* • Official TaxiBaba launch in 1 city.