



Flutter Driver App - API Integration Guide (Production)

Target Audience: Mobile Engineering Team

Base URL (Production): `https://driversklub-backend.onrender.com/`

Base URL (Development): `http://localhost:5000`

Auth Header: `Authorization: Bearer <ACCESS_TOKEN>`

Version: 3.1.0

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Table of Contents

- [1. Authentication](#)
- [2. Daily Attendance](#)
- [3. Trip Management](#)
- [4. Driver Profile](#)
- [5. Error Handling](#)
- [6. Payment & Wallet](#)
- [7. Rapido Status Management](#)

1. Authentication

1.1 Send OTP

Endpoint: `POST /auth/send-otp`

Auth Required: No

Request Body:

```
{
  "phone": "9876543210"
}
```

Response (200):

```
{
  "success": true,
  "message": "OTP sent successfully"
}
```

Dev Mode: When `NODE_ENV !== 'production'` , OTP is printed to server console:

```
=====
[DEV OTP] Phone: +919876543210
```

```
[DEV OTP] Code : 123456
```

```
=====
```

1.2 Verify OTP

Endpoint: POST /auth/verify-otp

Auth Required: No

Request Body:

```
{
  "phone": "9876543210",
  "otp": "123456"
}
```

Dev Bypass (Development Only):

```
{
  "phone": "9876543210",
  "otp": "000000",
  "verifiedKey": "pass"
}
```

Response (200):

```
{
  "success": true,
  "statusCode": 200,
  "data": {
    "accessToken": "eyJhbGciOiJIUzI1NiIs... ",
    "refreshToken": "8f8e23...",
    "user": {
      "id": "uuid-user-id",
      "phone": "9876543210",
      "role": "DRIVER"
    }
  }
}
```

Token Expiry:

- **Access Token:** 15 minutes
- **Refresh Token:** 7 days

Action:

1. Check if `user.role === 'DRIVER'` . If not, show "Unauthorized App" error.
2. Store `accessToken` securely (Keychain/Keystore).

3. Store `refreshToken` for silent token renewal.

1.3 Refresh Token

Endpoint: `POST /auth/refresh`

Auth Required: No

Request Body:

```
{
  "refreshToken": "8f8e23..."
}
```

Response (200):

```
{
  "success": true,
  "data": {
    "accessToken": "eyJ..."
  }
}
```

Implementation: Call this automatically when you receive `401 Unauthorized` on any protected endpoint.

2. Daily Attendance

2.1 Check In (Start Shift)

Endpoint: `POST /attendance/check-in`

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "driverId": "uuid-driver-id-from-profile",
  "lat": 28.4595,
  "lng": 77.0266,
  "odometer": 10500,
  "selfieUrl": "https://s3.aws.com/bucket/selfie.jpg"
}
```

Important: Upload selfie to S3/Cloudinary first, then send the URL.

Response (201):

```
{
  "success": true,
  "data": {
    "id": "uuid",
    "status": "PENDING_APPROVAL",
    "checkInTime": "2025-12-25T08:00:00Z"
  }
}
```

Side Effects:

- **Rapido Status:** Driver is automatically marked **ONLINE** on Rapido (if no other conflicts exist).
-

2.2 Check Out (End Shift)

Endpoint: POST /attendance/check-out

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "driverId": "uuid-driver-id",
  "odometer": 10650,
  "cashDeposited": 5000
}
```

Note: `cashDeposited` is the Amount the driver declares they are submitting (Cash + UPI collection) at day end.

Response (200):

```
{
  "success": true,
  "message": "Check-out successful",
  "data": {
    "checkOutTime": "2025-12-25T18:00:00Z",
    "totalKm": 150
  }
}
```

Error Responses (400):

- **Invalid Odometer:** `message: "Odometer reading cannot be less than start reading (10500)"`
- **Invalid Cash:** `message: "Invalid cash deposit amount"`

Side Effects:

- **Rapido Status:** Driver is forced **OFFLINE** on Rapido immediately.
-

2.3 Start Break (Start Break in Shift)

Endpoint: POST /attendance/start-break

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "driverId": "uuid-driver-id"
}
```

Response (200):

```
{
  "success": true,
  "statusCode": 200,
  "message": "Break started successfully",
  "data": {
    "id": "1d0c84d0-a593-4079-8ed3-2ce274ad378d",
    "driverId": "b16dd8ec-a030-44a9-9175-ebd77013dbd0",
    "checkInTime": "2025-12-25T10:06:20.674Z",
    "checkOutTime": null,
    "status": "APPROVED",
    "approvedBy": null,
    "adminRemarks": null,
    "checkInLat": 19.076,
    "checkInLng": 72.8777,
    "selfieUrl": "https://cdn.example.com/selfies/driver_98765.jpg",
    "odometerStart": 45230,
    "odometerEnd": null,
    "breakStartTime": "2025-12-25T10:07:31.911Z",
    "breakEndTime": null,
    "createdAt": "2025-12-25T10:06:20.674Z",
    "updatedAt": "2025-12-25T10:07:31.920Z"
  }
}
```

2.4 End Break (End Break in shift)

Endpoint: POST /attendance/end-break

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "driverId": "uuid-driver-id",
}
```

```
}
```

Response (200):

```
{
  "success": true,
  "statusCode": 200,
  "message": "Break ended successfully",
  "data": {
    "id": "1d0c84d0-a593-4079-8ed3-2ce274ad378d",
    "driverId": "b16dd8ec-a030-44a9-9175-ebd77013dbd0",
    "checkInTime": "2025-12-25T10:06:20.674Z",
    "checkOutTime": null,
    "status": "APPROVED",
    "approvedBy": null,
    "adminRemarks": null,
    "checkInLat": 19.076,
    "checkInLng": 72.8777,
    "selfieUrl": "https://cdn.example.com/selfies/driver_98765.jpg",
    "odometerStart": 45230,
    "odometerEnd": null,
    "breakStartTime": "2025-12-25T10:07:31.911Z",
    "breakEndTime": "2025-12-25T10:08:14.312Z",
    "createdAt": "2025-12-25T10:06:20.674Z",
    "updatedAt": "2025-12-25T10:08:14.316Z"
  }
}
```

2.5 Get Attendance History

Endpoint: GET /attendance/history?driverId={uuid}

Auth Required: Yes

Response (200):

```
{
  "success": true,
  "data": [
    {
      "id": "uuid",
      "checkInTime": "2025-12-25T08:00:00Z",
      "checkOutTime": "2025-12-25T18:00:00Z",
      "status": "APPROVED",
      "odometerStart": 10500,
      "odometerEnd": 10650
    }
  ]
}
```

3. Trip Management

3.1 Get My Assigned Trips

Endpoint: GET /trips?status=DRIVER_ASSIGNED

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "success": true,
  "data": [
    {
      "id": "uuid-trip-id",
      "tripType": "AIRPORT",
      "originCity": "Delhi",
      "pickupLocation": "T3 Terminal, Gate 4",
      "pickupLat": 28.5562,
      "pickupLng": 77.1000,
      "dropLocation": "Cyber Hub, Gurgaon",
      "pickupTime": "2025-12-25T10:00:00Z",
      "status": "DRIVER_ASSIGNED",
      "price": 1200,
      "distanceKm": 45
    }
  ]
}
```

3.2 Get Trip Details

Endpoint: GET /trips/:id

Auth Required: Yes

Response (200):

```
{
  "success": true,
  "data": {
    "id": "uuid",
    "tripType": "AIRPORT",
    "pickupLocation": "T3 Terminal, Gate 4",
    "pickupLat": 28.5562,
    "pickupLng": 77.1000,
    "dropLocation": "Cyber Hub",
    "pickupTime": "2025-12-25T10:00:00Z",
    "status": "DRIVER_ASSIGNED",
    "price": 1200,
    "customerPhone": "9876543210",
    "customerName": "John Doe",
  }
}
```

```
    "provider": "MMT"
  }
}
```

3.3 🚦 Trip Lifecycle State Machine

Perform these actions **strictly in order**. Send GPS coordinates with every status change.

Step A: Start Trip (En-route to Pickup)

Endpoint: POST /trips/:id/start

Auth Required: Yes

Request Body:

```
{
  "lat": 28.5500,
  "lng": 77.0900
}
```

⚠️ STRICT CONSTRAINT:

- Can ONLY start within **2.5 hours** of `pickupTime`
- Error if too early: 400 "Cannot start trip more than 2.5 hours before pickup"

Response (200):

```
{
  "success": true,
  "message": "Trip started successfully"
}
```

Side Effects:

- Status: `DRIVER_ASSIGNED` → `STARTED`
- MMT Webhook triggered (if MMT trip)

Step B: Arrived (At Pickup Location)

Endpoint: POST /trips/:id/arrived

Auth Required: Yes

Request Body:

```
{
  "lat": 28.5562,
  "lng": 77.1000
}
```

⚠️ **STRICT CONSTRAINTS:**

1. **Geofence:** Must be within **500m** of `pickupLat` / `pickupLng`
2. **Time:** Must be within **30 minutes** of `pickupTime`

Errors:

- 400 "Driver not within 500m geofence" - Too far from pickup
- 400 "Cannot arrive more than 30 minutes before pickup" - Too early

Response (200):

```
{
  "success": true,
  "message": "Arrival confirmed"
}
```

Side Effects:

- Status: `STARTED` → `ARRIVED`
- SMS sent to customer: "Driver Arrived"

Step C: Passenger Onboard (Ride Begins)

Endpoint: `POST /trips/:id/onboard`

Auth Required: Yes

Request Body:

```
{
  "otp": "1234"
}
```

Note: OTP field is optional. Backend validates if provided.

Response (200):

```
{
  "success": true,
  "message": "Passenger onboarded"
}
```

Side Effects:

- Status: `ARRIVED` → `ONBOARD`

Step D: Complete (Dropoff)

Endpoint: `POST /trips/:id/complete`

Auth Required: Yes

Request Body:

```
{
  "distance": 45.5,
  "fare": 1200
}
```

Response (200):

```
{
  "success": true,
  "message": "Trip completed successfully"
}
```

Side Effects:

- Status: `ONBOARD` → `COMPLETED`
- Driver becomes available for next assignment

Alternative: No Show

Endpoint: `POST /trips/:id/noshow`

Auth Required: Yes

Request Body:

```
{
  "reason": "Customer not reachable"
}
```

⚠️ STRICT CONSTRAINT:

- Can ONLY mark no-show **AFTER 30 minutes** past `pickupTime`
- Error if too early: `400 "Cannot mark no-show before 30 minutes past pickup time"`

Response (200):

```
{
  "success": true,
  "message": "Trip marked as no-show"
}
```

Side Effects:

- Status: → `NO_SHOW`

3.4 Update Live Location

Endpoint: `POST /trips/:id/location` **Auth Required:** Yes

Request Body:

```
{
  "lat": 28.5500,
  "lng": 77.0900
}
```

Response (200):

```
{
  "success": true,
  "message": "Location updated successfully"
}
```

Implementation Note: Call this endpoint every 30-60 seconds while the trip is in progress (`STARTED` , `ARRIVED` , `ONBOARD`) to update the driver's live location.

3.5 Get Live Tracking

Endpoint: `GET /trips/:id/tracking`

Auth Required: Yes

Response (200):

```
{
  "success": true,
  "data": {
    "currentLat": 28.5500,
    "currentLng": 77.0900,
    "lastUpdated": "2025-12-25T09:45:00Z"
  }
}
```

4. Driver Profile

4.1 Get My Profile

Endpoint: `GET /drivers/me`

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "success": true,
  "data": {
    "id": "uuid",
    "firstName": "Raj",
    "lastName": "Kumar",
    "mobile": "9876543210",
    "licenseNumber": "DL-12345-67890",
    "kycStatus": "APPROVED",
    "status": "ACTIVE",
    "fleet": {
      "id": "uuid",
      "name": "Delhi Cabs Pvt Ltd"
    }
  }
}
```

4.2 Get Driver Profile by ID

Endpoint: GET /drivers/:id **Auth Required:** Yes **Role:** SUPER_ADMIN , OPERATIONS , MANAGER

Response (200):

```
{
  "success": true,
  "data": {
    "id": "uuid",
    "firstName": "Raj",
    "lastName": "Kumar",
    // ... other fields
  }
}
```

4.3 Update Driver Profile

Endpoint: PATCH /drivers/:id **Auth Required:** Yes **Role:** SUPER_ADMIN , OPERATIONS , MANAGER

Request Body:

```
{
  "firstName": "Rajesh",
  "email": "rajesh@example.com"
}
```

4.4 Driver Preferences

Get My Preferences

Endpoint: GET /drivers/me/preference

Auth Required: Yes

Role: DRIVER

*[!NOTE] **Rapido Status Sync:** Driver availability (`isAvailable`) is managed automatically by the backend based on Login, Trip Status, and Breaks. Manual toggling may be overridden.*

Response (200):

```
{
  "success": true,
  "statusCode": 200,
  "message": "Driver preferences retrieved successfully",
  "data": [
    {
      "key": "prefer_airport_rides",
      "displayName": "Prefer airport rides",
      "description": "Prioritize airport pickup and drop trips",
      "category": "TRIP",
      "approvalRequired": true,
      "value": true
    }
  ]
}
```

Request Preference Change

Endpoint: POST /drivers/:id/preference/update

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "prefer_airport_rides": true,
  "accept_rentals": true,
  "auto_assign_rides": true
}
```

Response (201):

```
{
  "success": true,
  "message": "Preference change request submitted successfully"
}
```

5. Error Handling

5.1 HTTP Status Codes

Code	Error	Meaning	Action
400	VALIDATION_ERROR	Invalid request body	Check request format
400	TOO_EARLY_START	Cannot start > 2.5h before pickup	Wait until allowed time
400	TOO_EARLY_ARRIVE	Cannot arrive > 30min before pickup	Wait until allowed time
400	GEOFENCE_VIOLATION	Not within 500m of pickup	Move closer to pickup location
400	TOO_EARLY_NOSHOW	Cannot mark no-show < 30min after pickup	Wait until allowed time
401	UNAUTHORIZED	Token Invalid/Expired	Call <code>/auth/refresh</code> or re-login
403	FORBIDDEN	Insufficient permissions	Contact admin
404	NOT_FOUND	Trip/Resource not found	Refresh trip list
422	UNPROCESSABLE_ENTITY	Business logic violation	Check trip status
500	INTERNAL_SERVER_ERROR	Backend crash	Retry after few seconds

5.2 Error Response Format

```
{
  "success": false,
  "statusCode": 400,
  "errorCode": "TOO_EARLY_START",
  "message": "Cannot start trip more than 2.5 hours before pickup",
  "timestamp": "2025-12-25T09:00:00Z"
}
```

6. Payment & Wallet

6.1 Get Wallet Balance

Endpoint: `GET /payment/balance` **Auth Required:** Yes **Role:** DRIVER

Response (200):

```
{
  "success": true,
  "data": {
    "driverId": "uuid",
    "currentBalance": 1500.50,
    "currency": "INR",
    "paymentModel": "RENTAL",
    "depositBalance": 5000,
    "pendingDues": 0
  }
}
```

Use Case:

- **Dashboard Display:** Show `currentBalance` at the top of the home screen.
 - **Rental Check:** Warn driver if `currentBalance` is negative (RENTAL model).
-

6.2 Get Transaction History

Endpoint: `GET /payment/transactions` **Auth Required:** Yes

Query Params:

- `page` (default: 1)
- `limit` (default: 20)
- `type` (optional: `TRIP_PAYMENT`, `INCENTIVE`, `PENALTY`, `DEPOSIT`)

Response (200):

```
{
  "success": true,
  "data": {
    "transactions": [
      {
        "id": "uuid",
        "amount": 450,
        "type": "TRIP_PAYMENT",
        "status": "SUCCESS",
        "createdAt": "2025-12-25T14:30:00Z",
        "description": "Trip payment for Ride #123"
      }
    ],
    "current_page": 1,
    "total_pages": 5
  }
}
```

Use Case:

- **Earnings Report:** Driver checks "Yesterday's Earnings" by filtering transactions.
 - **Transparency:** Verify deductions (Penalties) or additions (Incentives).
-

6.3 Get Incentives

Endpoint: GET /payment/incentives **Auth Required:** Yes

Response (200):

```
{
  "success": true,
  "data": {
    "incentives": [
      {
        "id": "uuid",
        "amount": 500,
        "reason": "Completed 50 Trips",
        "isPaid": false
      }
    ],
    "summary": {
      "totalEarned": 2500,
      "paid": 2000,
      "pending": 500
    }
  }
}
```

Use Case:

- **Motivation:** Show "Progress to Goal" or "Pending Payouts" to encourage more trips.
-

7. Implementation Notes

6.1 Background Location Tracking

- The backend expects GPS coordinates during status changes
- Implement background location service to track driver position
- Send location updates during trip lifecycle transitions

6.2 Offline Handling

- The API requires online connectivity
- Queue requests locally (SQLite) when offline
- Sync when connection is restored
- Show clear offline indicator to driver

6.3 UI Feedback

- Always show loading indicators during API calls
- API latency can vary (200ms - 2s)
- Implement retry logic for failed requests (max 3 retries)
- Show clear error messages from API responses

6.4 Token Management

```
// Pseudo-code for token refresh
Future<void> refreshTokenIfNeeded() async {
  if (isTokenExpired(accessToken)) {
    final newToken = await api.refreshToken(refreshToken);
    await secureStorage.write('accessToken', newToken);
  }
}

// Intercept 401 responses
if (response.statusCode == 401) {
  await refreshTokenIfNeeded();
  // Retry original request
}
```

6.5 Geofencing Implementation

```
// Check if driver is within 500m of pickup
double distance = Geolocator.distanceBetween(
  driverLat, driverLng,
  pickupLat, pickupLng
);

if (distance > 500) {
  showError("You must be within 500m of pickup location");
  return;
}
```

6.6 Time Constraint Checks

```
// Check if within 2.5h window for start
DateTime now = DateTime.now();
DateTime pickupTime = DateTime.parse(trip.pickupTime);
Duration diff = pickupTime.difference(now);

if (diff.inHours > 2.5) {
  showError("Cannot start trip more than 2.5 hours before pickup");
  return;
}
```

6.7 State Management

- Use Provider/Riverpod/Bloc for state management
- Cache trip list locally

- Implement pull-to-refresh for trip list
- Auto-refresh every 30 seconds when on trip list screen

6.8 Push Notifications

- Implement FCM for trip assignments
- Handle notification when app is in background/killed
- Deep link to specific trip when notification tapped

Checklist for Production

- ☐ Implement token refresh logic
 - ☐ Add offline queue mechanism
 - ☐ Implement background location tracking
 - ☐ Add geofencing validation before API calls
 - ☐ Add time constraint validation before API calls
 - ☐ Implement retry logic for failed requests
 - ☐ Add comprehensive error handling
 - ☐ Implement push notifications (FCM)
 - ☐ Add analytics/crash reporting (Firebase)
 - ☐ Test all edge cases (offline, poor network, etc.)
-
-

5. Payment & Wallet

5.1 Get Balance & Rental Status

Endpoint: GET /payment/balance

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "depositBalance": 5000,
  "paymentModel": "RENTAL",
  "hasActiveRental": true,
  "rental": {
    "planName": "Weekly Plan",
    "startDate": "2025-12-23T00:00:00.000Z",
    "expiryDate": "2025-12-30T00:00:00.000Z",
    "daysRemaining": 3,
    "isExpired": false
  }
}
```

UI Display:

- Show deposit balance prominently at top of wallet screen
- Display rental validity like a SIM card validity (days remaining)
- Show warning when rental expires in < 2 days

5.2 Get Available Rental Plans

Endpoint: GET /payment/rental/plans

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "success": true,
  "data": [
    {
      "id": "uuid",
      "name": "Weekly Plan",
      "rentalAmount": 3000,
      "depositAmount": 5000,
      "validityDays": 7,
      "isActive": true
    }
  ]
}
```

5.3 Get Transaction History

Endpoint: GET /payment/transactions?page=1&limit=20

Auth Required: Yes

Role: DRIVER

Query Parameters:

- page (number, default: 1)
- limit (number, default: 20)
- type (optional): DEPOSIT, RENTAL, INCENTIVE, PENALTY, PAYOUT
- status (optional): PENDING, SUCCESS, FAILED

Response (200):

```
{
  "transactions": [
    {
      "id": "uuid",
      "type": "DEPOSIT",
      "amount": 5000,
      "status": "SUCCESS",
      "paymentMethod": "PG_UPI",
      "description": "Security deposit - ₹5000",
      "createdAt": "2025-12-23T10:00:00.000Z"
    }
  ]
}
```

```
    }
  ],
  "pagination": {
    "page": 1,
    "limit": 20,
    "total": 45,
    "totalPages": 3
  }
}
```

UI Implementation:

- Implement infinite scroll or pagination
 - Show transaction type with icons (deposit, rental, incentive, penalty)
 - Color code: Green (credit), Red (debit)
-

5.4 Get Incentives

Endpoint: GET /payment/incentives

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "incentives": [
    {
      "id": "uuid",
      "amount": 500,
      "reason": "Completed 50 trips",
      "category": "MILESTONE",
      "isPaid": false,
      "createdAt": "2025-12-25T00:00:00.000Z"
    }
  ],
  "summary": {
    "totalIncentives": 10,
    "paidIncentives": 7,
    "unpaidIncentives": 3,
    "totalAmount": 5000,
    "paidAmount": 3500,
    "unpaidAmount": 1500
  }
}
```

UI Display:

- Show total unpaid incentives prominently
 - List all incentives with paid/unpaid status
 - Show payout date for paid incentives
-

5.5 Get Penalties

Endpoint: GET /payment/penalties

Auth Required: Yes

Role: DRIVER

Response (200):

```
{
  "penalties": [
    {
      "id": "uuid",
      "type": "MONETARY",
      "amount": 200,
      "reason": "Late for pickup",
      "isPaid": true,
      "isWaived": false,
      "deductedFromDeposit": true,
      "depositDeductionAmount": 200,
      "createdAt": "2025-12-24T00:00:00.000Z"
    }
  ]
}
```

Penalty Types:

- MONETARY - Financial penalty (auto-deducted from deposit)
- WARNING - Verbal/written warning
- SUSPENSION - Temporary suspension
- BLACKLIST - Permanent ban

UI Display:

- Show penalties with clear reason
- Indicate if waived (show in green)
- Show deposit deduction for monetary penalties

5.6 Initiate Deposit Payment

Endpoint: POST /payment/deposit

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "amount": 5000
}
```

Response (200):

```
{
  "transactionId": "uuid",
  "paymentUrl": "https://testpay.easebuzz.in/pay/...",
  "txnId": "TXN_1735123456_ABC123"
}
```

Implementation:

- Open `paymentUrl` in WebView or external browser
 - Handle success/failure callbacks
 - Refresh balance after payment
-

5.7 Initiate Rental Payment

Endpoint: POST `/payment/rental`

Auth Required: Yes

Role: DRIVER

Request Body:

```
{
  "rentalPlanId": "uuid"
}
```

Response (200):

```
{
  "transactionId": "uuid",
  "paymentUrl": "https://testpay.easebuzz.in/pay/...",
  "txnId": "TXN_1735123456_XYZ789"
}
```

Implementation:

- Show available rental plans first
 - Open payment URL in WebView
 - Activate rental after successful payment
-

5.7 Get Daily Collections (Payout Model Only)

Endpoint: GET `/payment/collections`

Auth Required: Yes

Role: DRIVER

Query Parameters:

- `startDate` (optional): ISO date
- `endDate` (optional): ISO date

Response (200):

```
{
  "collections": [
    {
      "id": "uuid",
      "date": "2025-12-29T00:00:00.000Z",
      "qrCollectionAmount": 3000,
      "cashCollectionAmount": 2000,
      "totalCollection": 5000,
      "qrCollectionAmount": 3000,
      "cashCollectionAmount": 2000,
      "totalCollection": 5000,
      "isPaid": false // Status tracked via Manual Payouts
    }
  ],
  "summary": {
    "totalDays": 30,
    "totalCollections": 150000, // Gross Earnings
    "totalPayout": 108000,      // Actual Paid (via CSV)
    "deductions": 42000,        // Commission/Platform Fee (Derived)
    "balance": 0                // No pending dues
  }
}
```

Note: Only visible for drivers on PAYOUT model

7. Rapido Status Management 🚗

[!IMPORTANT] **Automatic Availability Control:**

The backend **automatically manages** the driver's Rapido availability based on their internal schedule.

1. **Busy:** When on an internal trip, break, or upcoming assignment (< 45m).
2. **Available:** When idle.

Do NOT implement a manual "Go Online/Offline" toggle for Rapido status in the driver app. If a driver manually overrides this in the Rapido app, the backend will **force them back** to the correct state immediately.
