

PERFORMANCE MANAGEMENT SYSTEM

Mobile API Specification

Auth · Lookups · EA/ED · MEC
Includes report preview HTML for WebView

Date	10 September 2026
For	Mobile Development and QA
Auth	POST /api/v1/auth/login (JSON — no web_token / no department_id)
Bases	/api/v1/auth · /lookups · /eaed · /mec

1. How to call the API

Accept: application/json. JSON bodies: Content-Type application/json. After login: Authorization Bearer <token>. After workspace selection: X-User-Role-Id on later calls. Do not send web_token or department_id on login.

2. Workspace / role selection

After login/OTP: if data.role_selection_required is true (2+ memberships), show Select workspace, then send X-User-Role-Id. If false, use active_user_role_id and continue.

3. MEC report preview (WebView HTML)

GET /mec/reports/{id}/preview — one route for both published and in-process reports. Returns the same HTML document as the website submitted preview.

```
{
  "success": true,
  "data": {
    "report_id": 123,
    "status": "published",
    "content_type": "text/html; charset=UTF-8",
    "html": "...
  }
}
```

data.status	What HTML includes
published	Publish letter as first sheet (when report type uses a letter) + Published watermark
processing / approved / declined	No publish letter; In Process watermark
App usage	Load data.html into WebView (loadDataWithBaseURL with API host as base)

List reports with GET /mec/reports (optional ?status=published or ?status=processing). Then open preview with the report id. Requires Bearer + X-User-Role-Id when multi-workspace.

4. Auth login body

Field	Required	Notes
email	Yes	Valid email
password	Yes	Password
device_name	No	Token label
user_role_id	No	Membership id after workspace pick

```
{"email":"...", "password":"...", "device_name":"android-app"}
```

5. Side menu permissions

After workspace selected, GET /auth/me and use data.permissions.

Flag	Show when true
eaed_drafts	Location / drafts
eaed_create_draft	New draft
eaed_save_location	Save location / photos
mec_dashboard	MEC home
mec_visit_plans	Visit Plans
mec_reports	M&E; Reports
mec_reports_create	New report draft
mec_insight	Insight
mec_maps	ADP map
mec_calendar	Calendar
mec_messages	Messages
mec_profile	Profile
mec_support	Support
mec_pc_forms	PC Forms
mec_pcn	PCN
mec_notifications	Notifications

6. Endpoint list (summary)

Method	Path	What it does
POST	/auth/login	JSON login — then workspace flow
GET	/auth/me	user + permissions
GET	/lookups/*	Districts, cities, sectors, ...
GET POST PUT	/eaed/drafts...	Location drafts / GPS / photos
GET	/mec/reports	List (optional status filter)
GET	/mec/reports/{id}	Report JSON summary
GET	/mec/reports/{id}/preview	Full HTML for WebView
GET POST	/mec/reports/drafts	M&E; drafts
GET POST	/mec/plans...	Visit plans
GET	/mec/dashboard/summary	Home counts

7. Common questions

Q. Do we send department_id on login?

No. Use memberships / role_selection_required and X-User-Role-Id.

Q. Do we need _token?

No. Web CSRF only. Mobile JSON email + password.

Q. Published vs in-process preview — two APIs?

One: GET /mec/reports/{id}/preview. HTML matches web: published includes publish letter + Published watermark; in-process does not include the letter.

Q. How do we show the preview?

Put data.html into a WebView. Prefer loadDataWithBaseURL with the API host so relative assets resolve.

Q. Taluka / UC lookup?

No list. Free text on location save.

Q. Geo photo EXIF only?

No — send latitude and longitude with the file.

Postman: PMS-Mobile-API.postman_collection.json includes Auth → Create EAED test user and MEC → Report preview HTML.