**Ministry of Digital Economy and Entrepreneurship
API Documentation Template**

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# 1. Introduction

This document provides technical details about the Data transaction API , including its purpose, structure, and usage guidelines.

# 2. API Specifications

Service name over GSB: GOV-Analytics-API

### Operation Name: Create a New Service for an Entity

This endpoint is used to create ga\_application\_id based on GNN ID.

• **API URL**: POST /api/service/create

• **Request Example (JSON):**

POST /api/service/create

Content-Type: application/json

{

 "name": "خدمة إصدار وثيقة",

 "entity\_id": "8180XXXXX"

}
API Request description for all fields :

|  |  |  |  |
| --- | --- | --- | --- |
| Input Parameter | Required  | Data type | Description in Arabic  |
| name | Yes  | String | اسم الخدمة Name of the service to be created |
| entity\_id | string | Yes | الرقم التعريفي للمؤسسة ID of the entity (GNN-based entity ID) |

• **Response Example (JSON**):

HTTP/1.1 200 OK
Content-Type: application/json

{

 "message": "success",

 "entity\_name": "وزارة التنمية الاجتماعية",

 "ga\_application\_id": "G-AKSUVC1O3I"

}

API Response description for all fields:

|  |  |  |
| --- | --- | --- |
| Output Parameter | Data type | Description in Arabic  |
| message | string | Success message |
| entity\_name | string | أسم المؤسسة المسترجع من الرقم التعريفي Name of the entity (retrieved from GNN) |
| ga\_application\_id | string | الرقم المميز للطلبUnique tracking application ID |

### Operation Name: Bulk Tracking Submission

This endpoint is used to submit bulk tracking data for a specific service identified by its ga\_application\_id. It supports sending multiple tracking records in a single request, each representing a submitted application and its current status.

• **API URL**: POST /api/tracks

• **Request Example (JSON):**

HTTP/1.1 200 OK
Content-Type: application/json

{

 "ga\_application\_id": "G-ADSRALXTIG",

 "payloads": [

 {

 "applicant\_type": "Jordanian",

 "applicant\_id": "200017466",

 "application\_code": "REQ-5613",

 "application\_channel": "Portal",

 "status": "in progress",

 "payment\_status": "not paid"

 },

 {

 "applicant\_type": "Jordanian",

 "applicant\_id": "200017466",

 "application\_code": "REQ-5613",

 "application\_channel": "Portal",

 "status": "in progress",

 "payment\_status": "not paid"

 }

 ]

}
API Request description for all fields :

|  |  |  |  |
| --- | --- | --- | --- |
| Input Parameter | Required  | Data type | Description  |
| ga\_application\_id | Yes  | String | The unique application ID used to identify the related service |
| payloads | Yes | string | A list of objects, each representing an individual tracking record |
| payloads[].applicant\_type |  Yes | string | Must be one of: Jordanian, Resident, Company |
| payloads[].applicant\_id | Yes | string | Applicant’s national number or unique ID (max 255 characters) |
| payloads[].application\_code |  Yes | string | Must match the pattern REQ-####, e.g., REQ-5613 |
| payloads[].application\_channel | Yes | string | Must be one of: Sanad, Portal, Walk-in |
| payloads[].status | Yes | string | Must be one of: in progress, cancelled, rejected, completed |
| payloads[].payment\_status |  | array | Must be one of: paid, not paid, NA |

• **Response Example (JSON**):
Success Response

HTTP 200 OK

{

 "status": true,

 "message": "Bulk tracking completed",

 "inserted\_records": 2

}

API Response description for all fields:

|  |  |  |
| --- | --- | --- |
| Output Parameter | Data type | Description in Arabic  |
| Status | String | Success message |
| message | String | The transaction is completed  |
| inserted\_records | String | Number of inserted record |

### Operation Name: Tracking Submission

This endpoint is used to submit one tracking data for a specific service identified by its ga\_application\_id. It supports sending just one tracking records in a single request, each representing a submitted application and its current status and the request and response pay load is the same as Bulk tacking Submission API.

## **Validation Error Response**

If the submitted request contains invalid or incorrectly formatted data, the API will respond with a **422 Unprocessable Entity** status code. The response will include a detailed list of validation errors for each failed field.

### **Response Format**

#### ****HTTP Status Code****

422 Unprocessable Entity

#### ****Response Body Example****

{

 "message": "The selected payloads.0.applicant\_type is invalid. (and 1 more error)",

 "errors": {

 "payloads.0.applicant\_type": [

 "The selected payloads.0.applicant\_type is invalid."

 ],

 "payloads.0.application\_code": [

 "The payloads.0.applicationcode field format is invalid."

 ]

 }

}

|  |  |
| --- | --- |
| Field  | Meaning |
| Message | A general error message summarizing the first validation issue found. |
| Errors | An object containing individual validation error messages per field. |
| payloads.0.applicant\_type | Indicates that the applicant\_type field in the first payload is invalid. Must be one of: Jordanian, Resident, Company. |
| payloads.0.application\_code | Indicates that the application code format is invalid. It must match the format: REQ-####. |

Common Causes of Validation Errors

| **Error** | **Cause** | **Fix** |
| --- | --- | --- |
| The selected payloads.0.applicant\_type is invalid. | A value outside the allowed list (Jordanian, Resident, Company) was used | Check spelling and ensure value matches allowed list |
| The payloads.0.application\_code field format is invalid. | Value does not match the required regex: ^REQ-\d+$ | Format should be like REQ-1234 |