

4.62. Analyst - Integrate external applications

Id	4.62.
Description	As an Analyst , I must be able to integrate external application with the register, So that I can access the data from within these applications in order to perform advance analytics (e.g. Tableau).
Priority	High
Actors	Analyst
API Calls	Not done via API. Webhooks are configured via the Django Administration panel.
Linked Processes	
Status	Implemented

Preconditions

1. The User must be authenticated and have the **Analyst** role.
2. The User has an external application that he wants to integrate.

Postconditions

1. The Webhook is configured and the selected events trigger the external application.

Main flow

1. The **Analyst** navigates to django admin and configures a new Webhook.
2. The **Analyst** selects the URL of the external application to which the system will send notifications.

3. The **Analyst** selects the type of events that should be sent to the external application.
4. The **Analyst** configures the authentication method and saves.

Exceptions

[400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message.

[500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

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