Pega Integration with WordPress: Full implementation

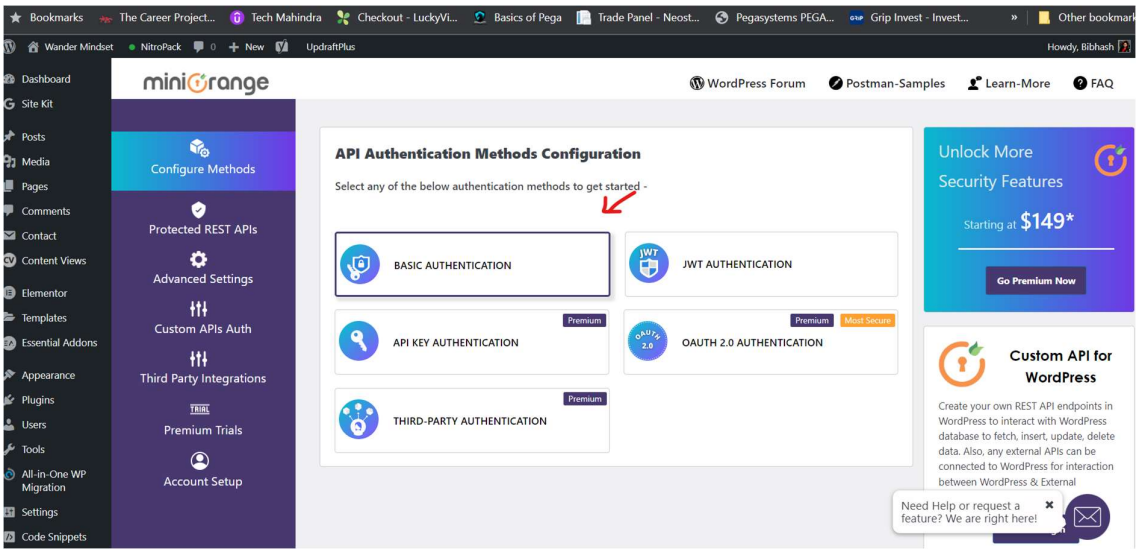
Requirement:

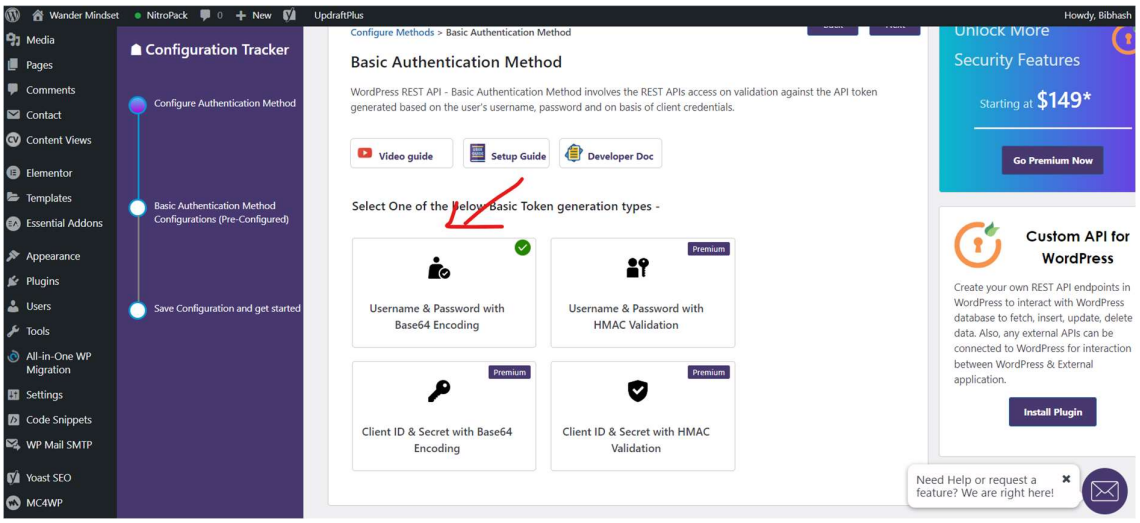
- WordPress – with domain or localhost
- MiniOrange basic authentication WordPress plugin
- Postman
- Pega Personal Edition
- Connect Rest knowledge

Before We Begin Please Do the MiniOrange Api Authentication setup

You need to add your WordPress username, password in Basic Authentication tab in Miniorange

After you install it in WordPress.





Part 1: Test Api's with Postman

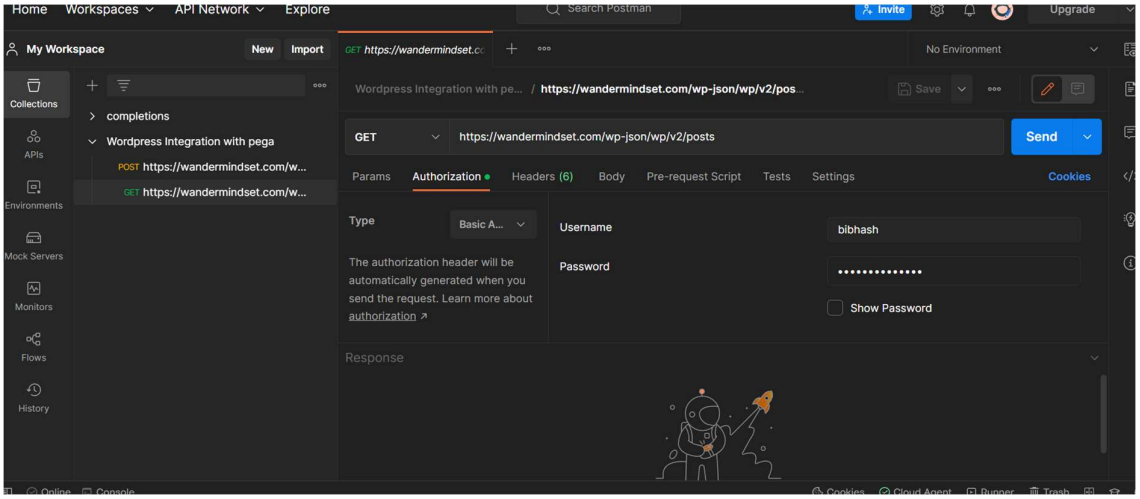
You can get the Api's from WordPress Documentation

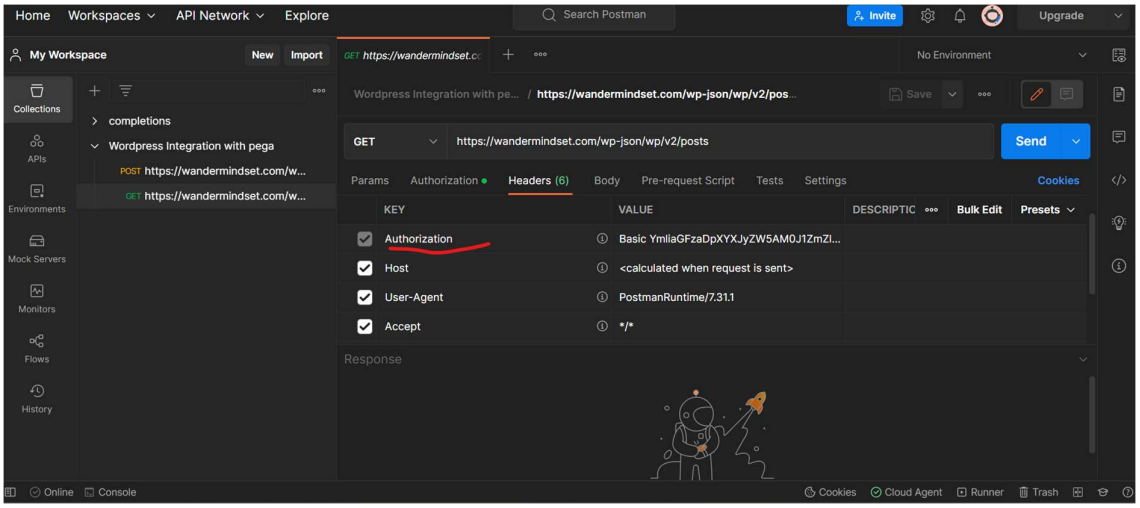
Part 1: test the Get Api for getting the list of posts

Part 2 : test the Post Api to write and publish a new post

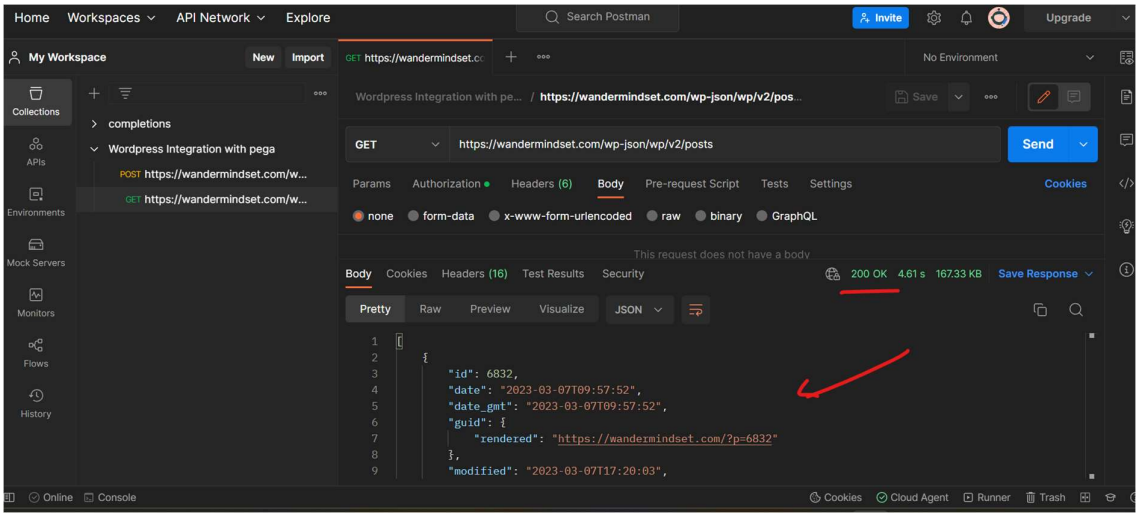
You will need to add the basic authentication of username and password in Postman

An Authorization header will be added automatically – this will be required in pega as well

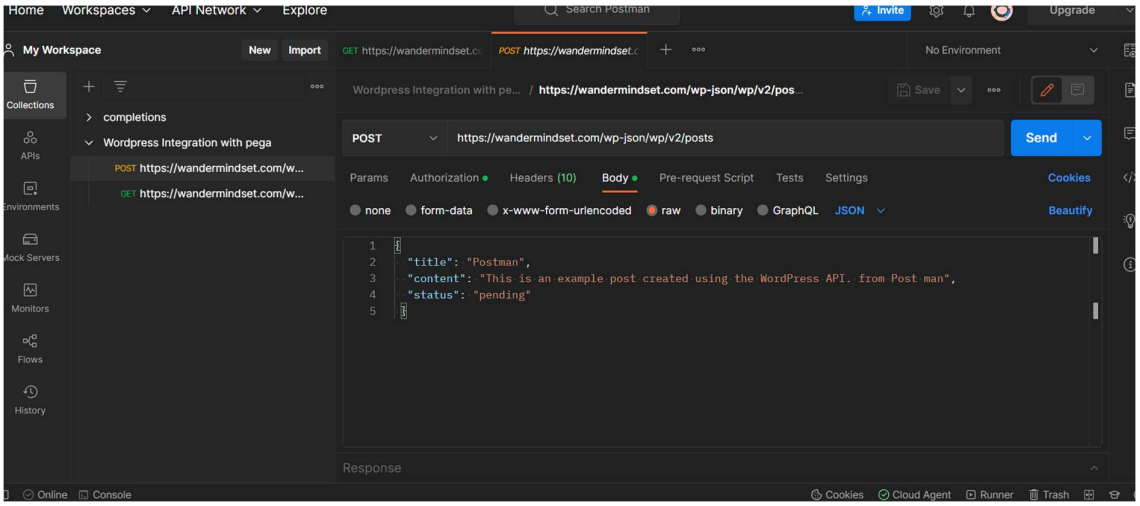




All Set Press Send and Get the Response



Same for Post As well



In post you need to add the body as shown above.

Body for post API:

```
{
  "title": "Postman",
  "content": "This is an example post created using the WordPress API. from Post ma
n",
  "status": "pending"
 }
```

We are Done with the Postman Testing now let’s implement it in Pega Now

Part 2: Pega Implementation

There are 2 parts: Configure Rest Connectors and Create Casetype to create Posts

Connect Rest: Get Method to get the List of Posts already posted

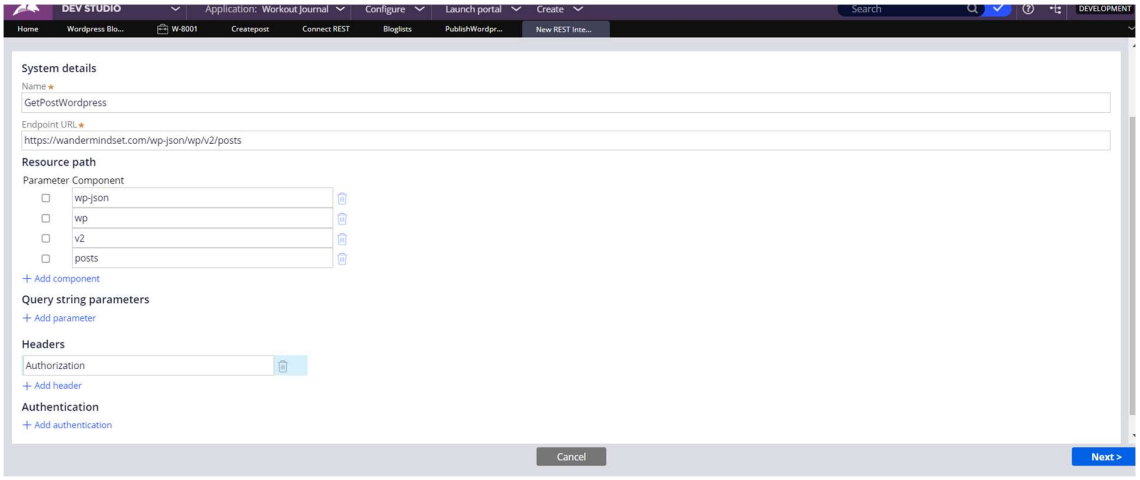
Post Method to publish a new post

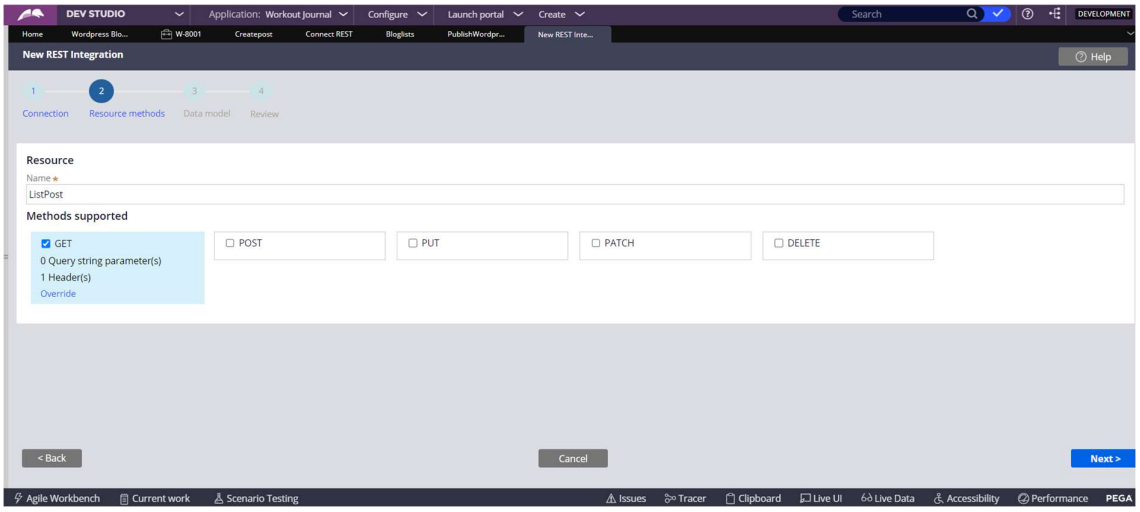
Let's start with the Connect Rest Integrations First

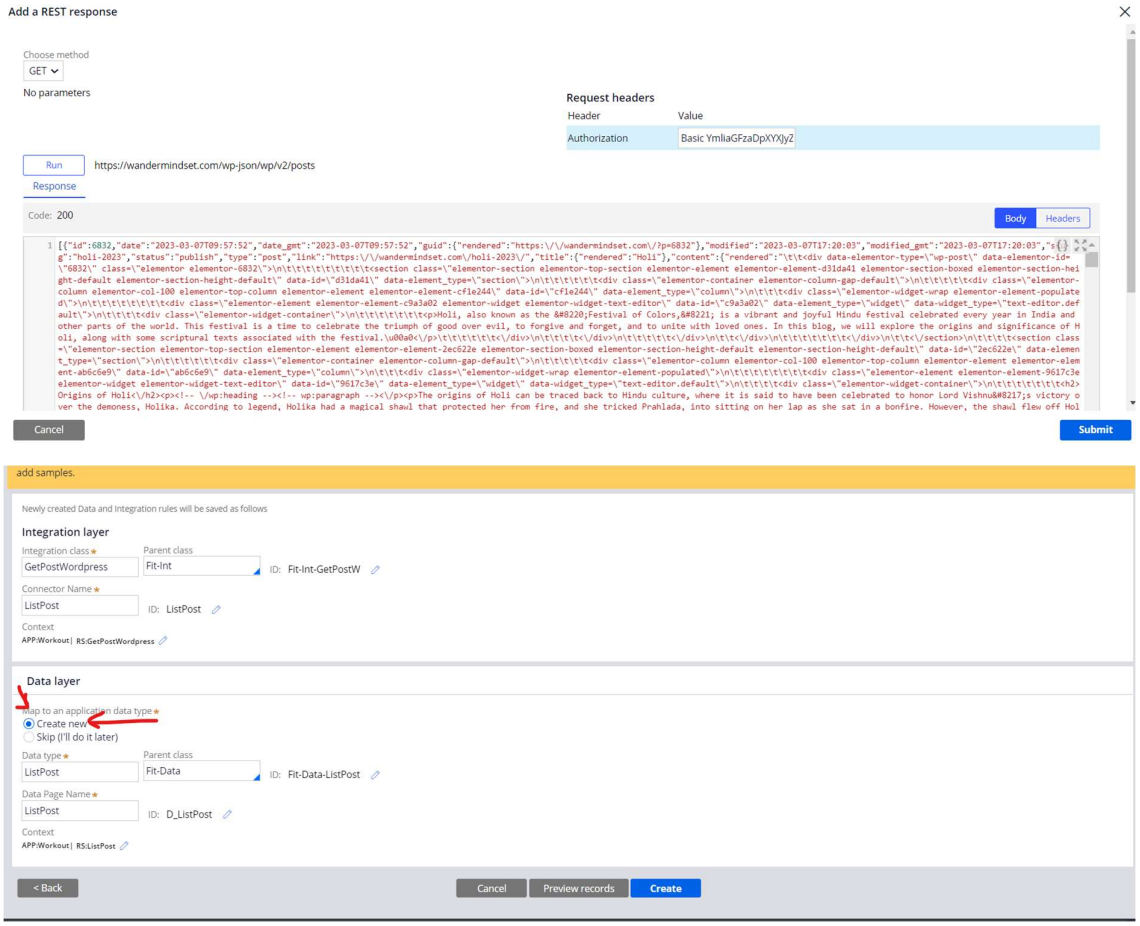
Create a Connect Rest with the Get Rest Api you tested in Postman

Note : for Get Api please select the Create Datatype option in the last screen of Connect Rest

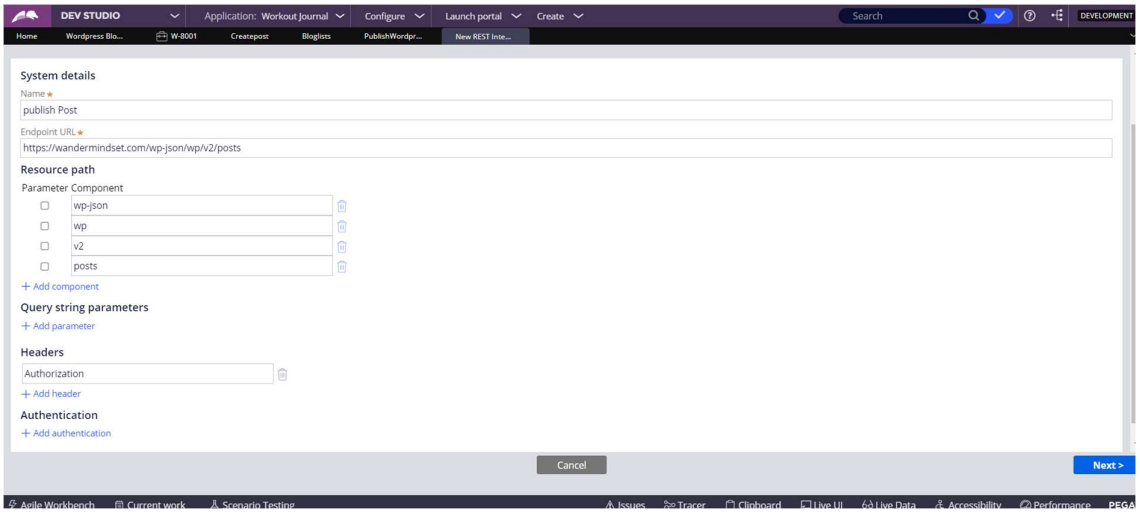
We will need the Data page.

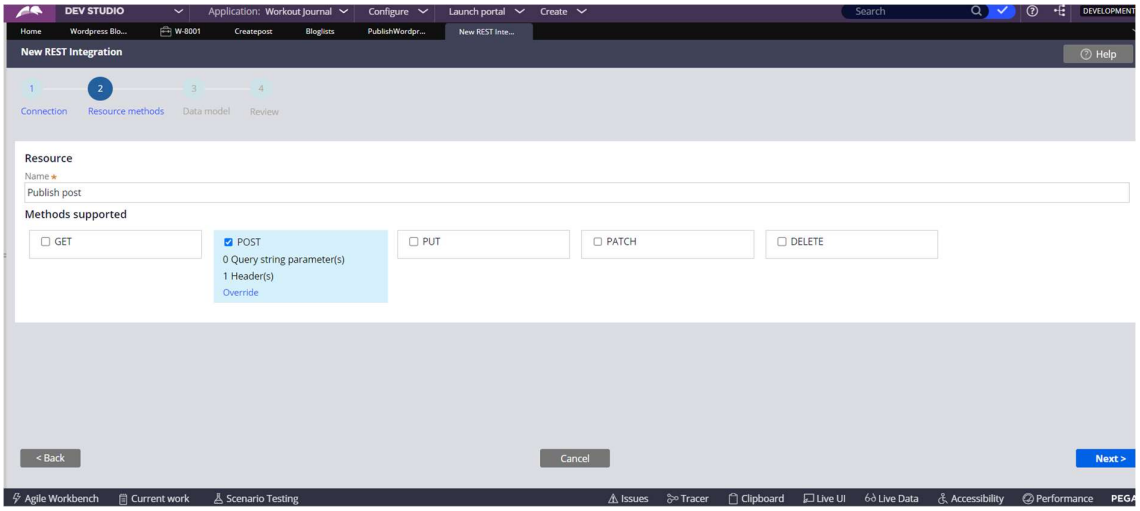


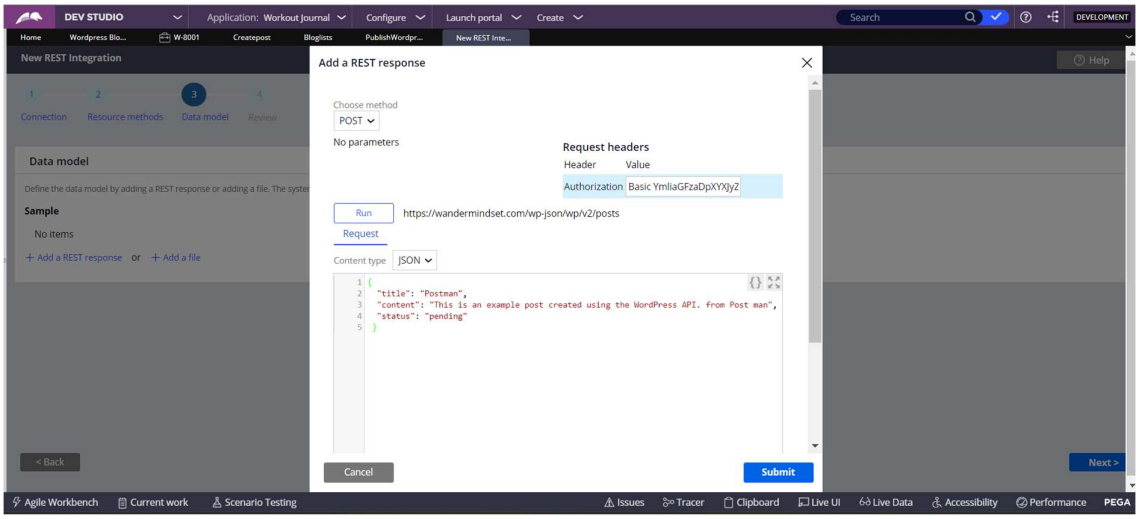


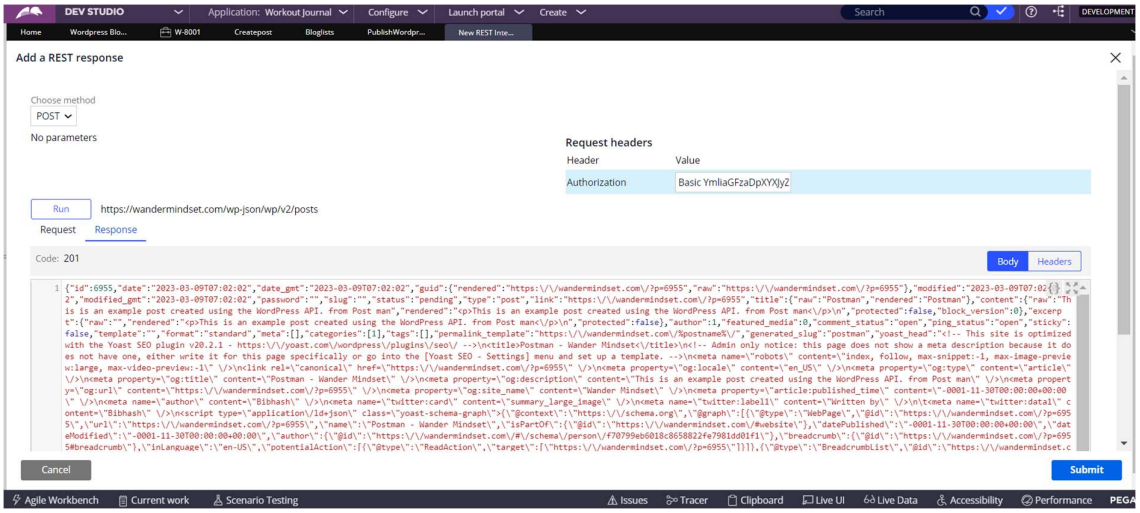


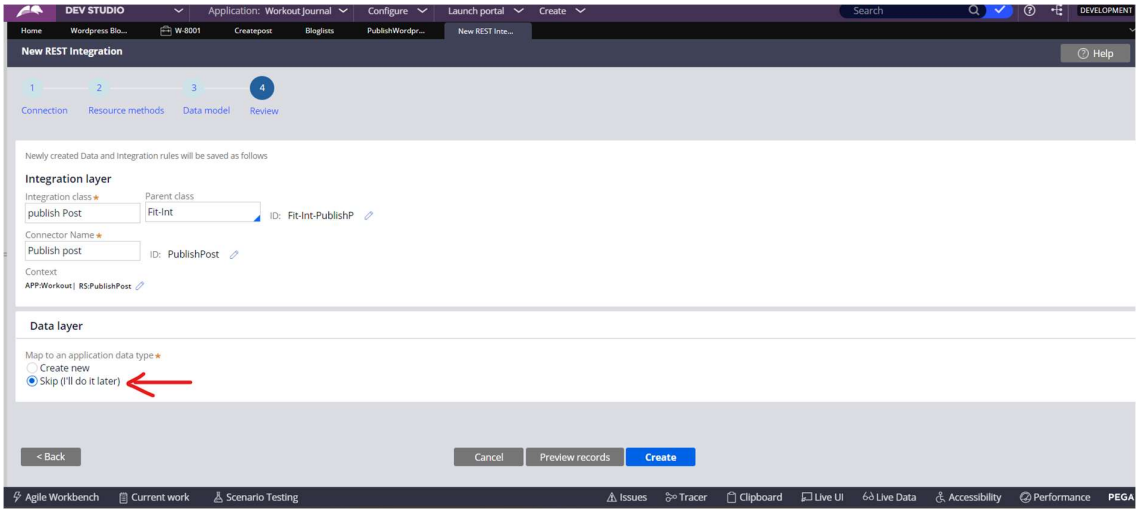
Create a Connect Rest with Post API you tested in post man



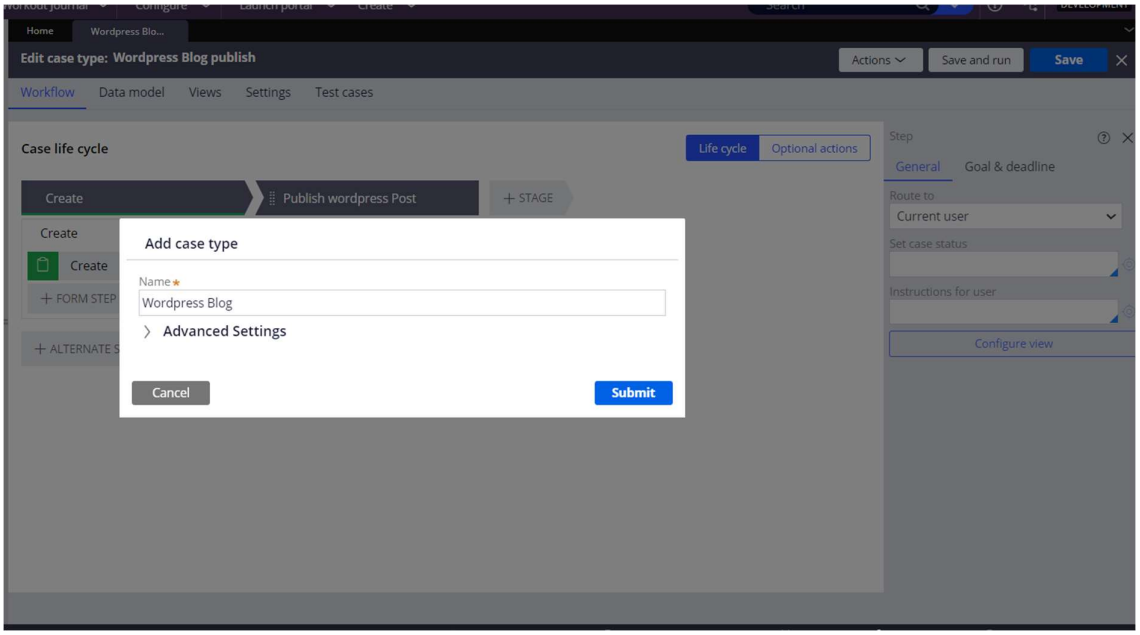

DEV STUDIO
Application: Workout Journal
Configure
Launch portal
Create
Search
DEVELOPMENT
Home
Wordpress Blo...
W-8001
Createpost
Bloglists
PublishWordpr...
New REST Inte...
New REST Integration
Help
1 Connection
2 Resource methods
3 Data model
4 Review
Resource
Name *
Publish post
Methods supported
GET
POST
0 Query string parameter(s)
1 Header(s)
Override
PUT
PATCH
DELETE
< Back
Cancel
Next >
Agile Workbench
Current work
Scenario Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA

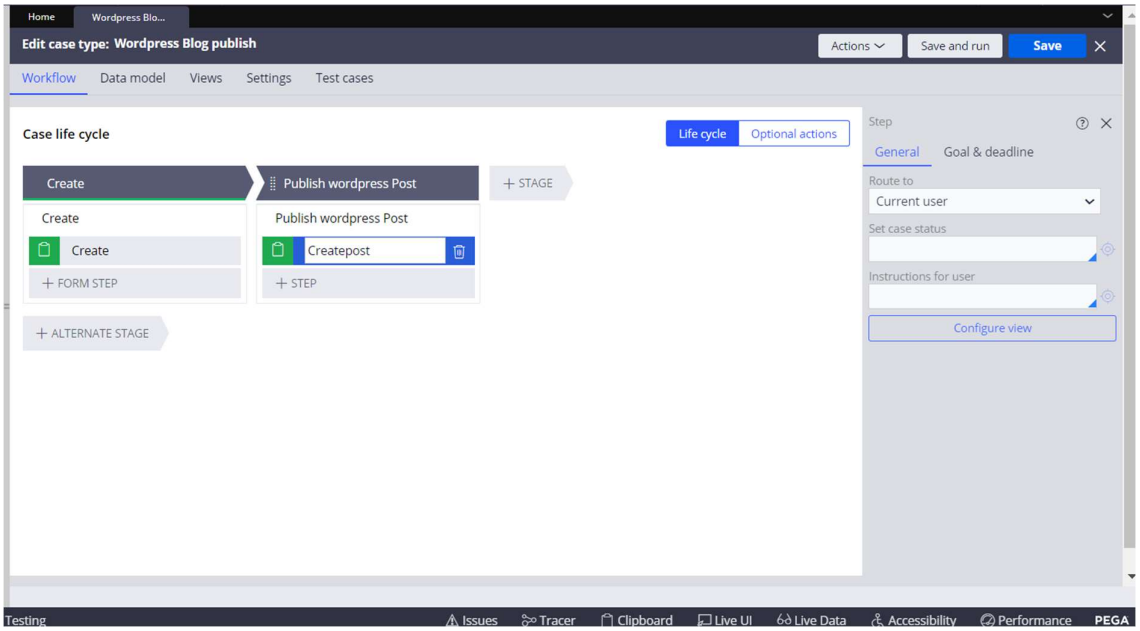

DEV STUDIO
Application: Workout Journal
Configure
Launch portal
Create
Search
DEVELOPMENT
New REST Integration
Help
Connection
Resource methods
Data model
Review
Data model
Sample
No items
+ Add a REST response
or
+ Add a file
Add a REST response
Choose method
POST
No parameters
Request headers
Header
Value
Authorization
Basic YmliaGFzaDpXYXJy2
Run
https://wandermindset.com/wp-json/wp/v2/posts
Request
Content type
JSON
{
"title": "Postman",
"content": "This is an example post created using the WordPress API. from Post man",
"status": "pending"
}
Cancel
Submit
< Back
Next >
Agile Workbench
Current work
Scenario Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA

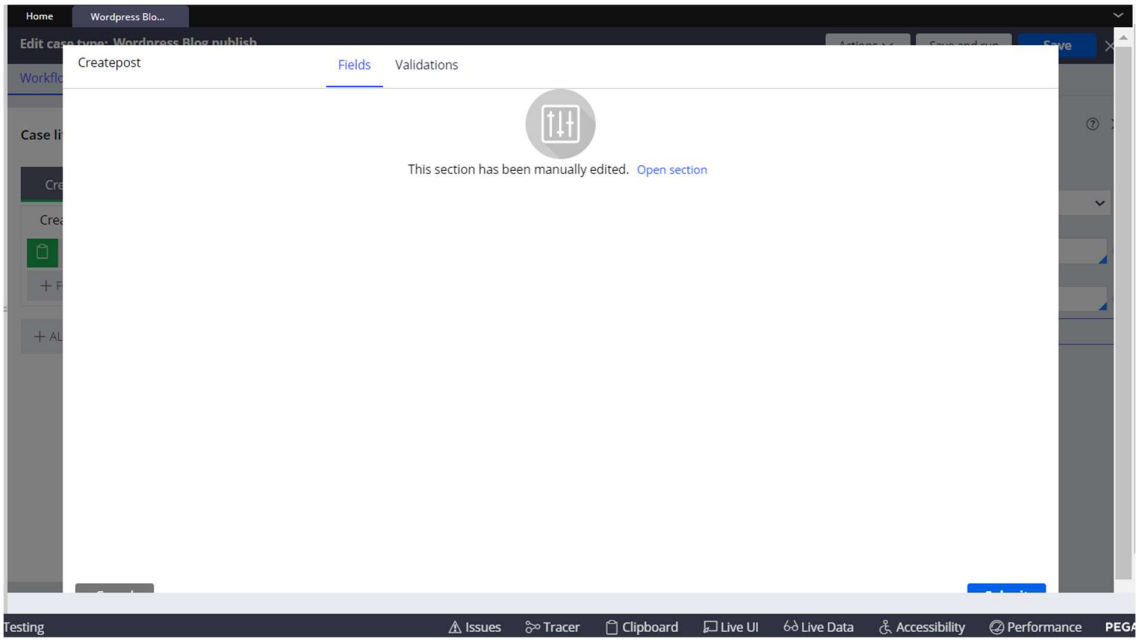

DEV STUDIO
Application: Workout Journal
Configure
Launch portal
Create
Search
DEVELOPMENT
Add a REST response
Choose method
POST
No parameters
Request headers
Header
Value
Authorization
Basic YmliaGFzaDpXYXJy2
Run
https://wandermindset.com/wp-json/wp/v2/posts
Request
Response
Code: 201
Body
Headers
Cancel
Submit
Agile Workbench
Current work
Scenario Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA

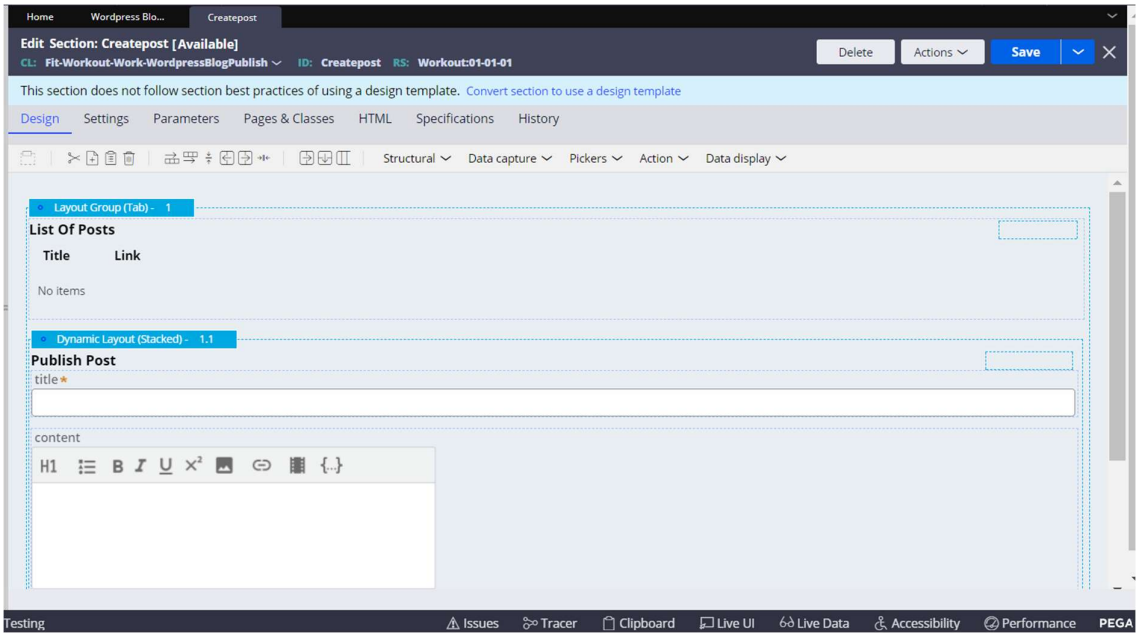


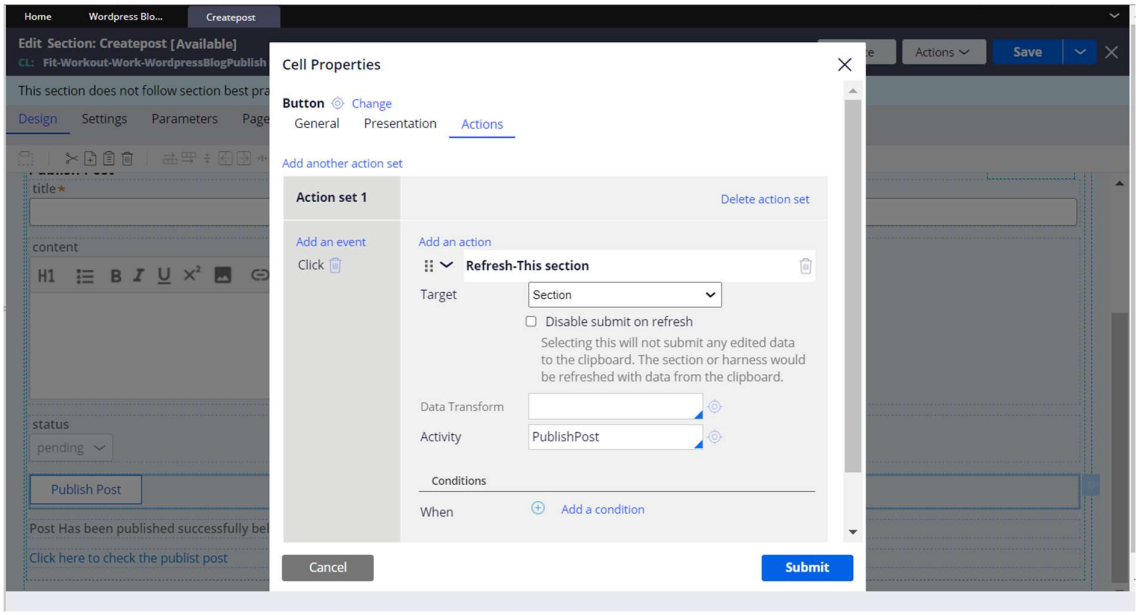
Create the CaseType to show the listed Posts and to publish your own Post

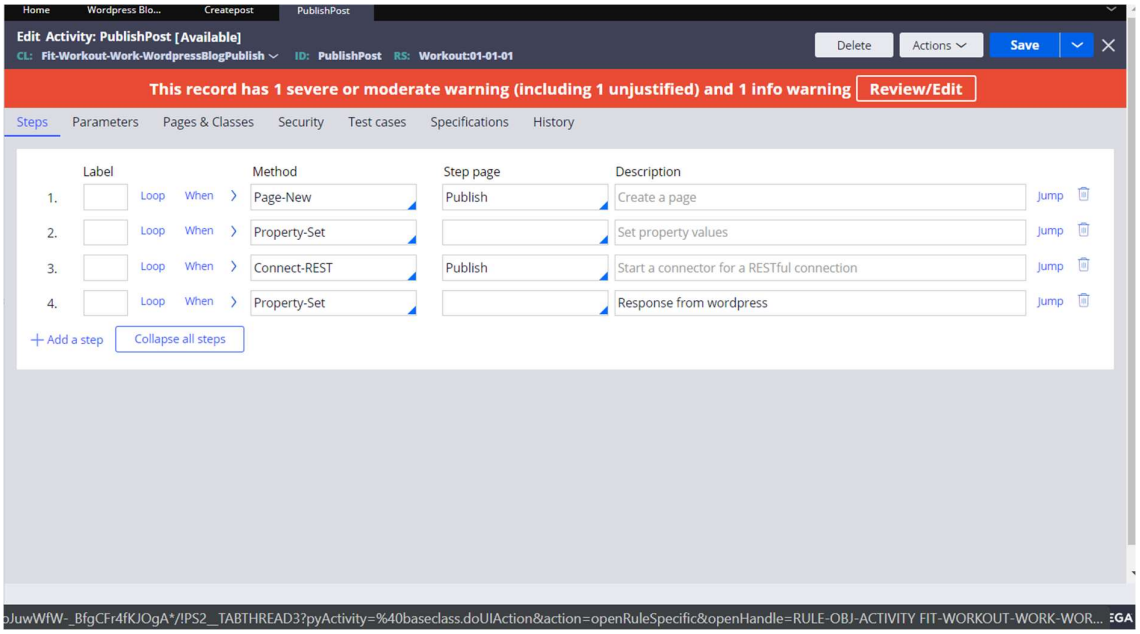



Home
Wordpress Blo...
Edit case type: Wordpress Blog publish
Actions
Save and run
Save
Workflow
Data model
Views
Settings
Test cases
Case life cycle
Life cycle
Optional actions
Create
Publish wordpress Post
+ STAGE
Create
Create
+ FORM STEP
Publish wordpress Post
Createpost
+ STEP
+ ALTERNATE STAGE
Step
General
Goal & deadline
Route to
Current user
Set case status
Instructions for user
Configure view
Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA


Home
Wordpress Blo...
Createpost
Fields
Validations
This section has been manually edited.
Open section
Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA

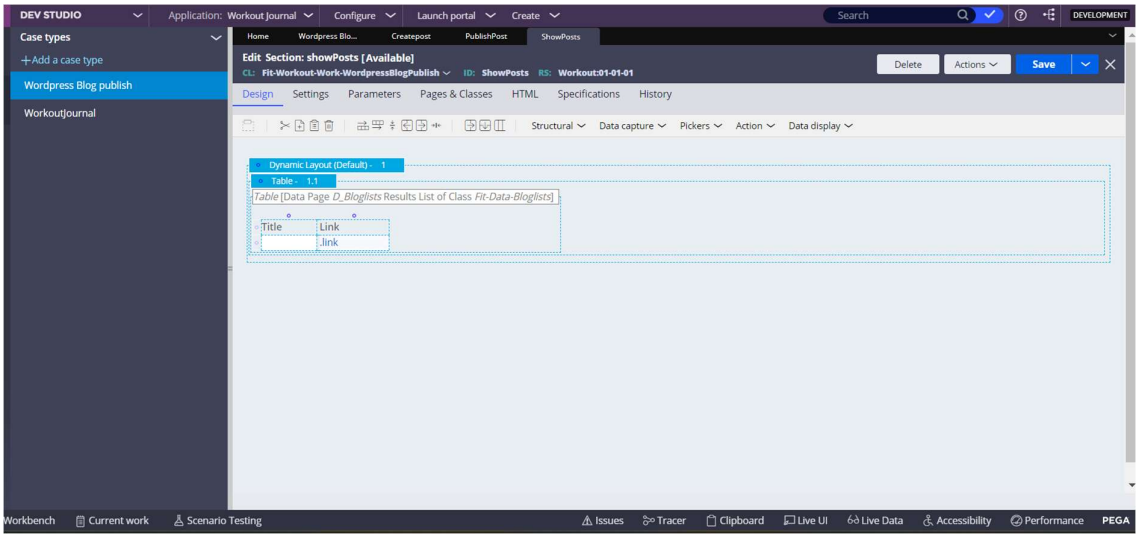

Home
Wordpress Blo...
Createpost
Edit Section: Createpost [Available]
CL: Fit-Workout-Work-WordpressBlogPublish
ID: Createpost
RS: Workout:01-01-01
Delete
Actions
Save
This section does not follow section best practices of using a design template.
Convert section to use a design template
Design
Settings
Parameters
Pages & Classes
HTML
Specifications
History
Structural
Data capture
Pickers
Action
Data display
Layout Group (Tab) - 1
List Of Posts
Title
Link
No items
Dynamic Layout (Stacked) - 1.1
Publish Post
title
content
Testing
Issues
Tracer
Clipboard
Live UI
Live Data
Accessibility
Performance
PEGA

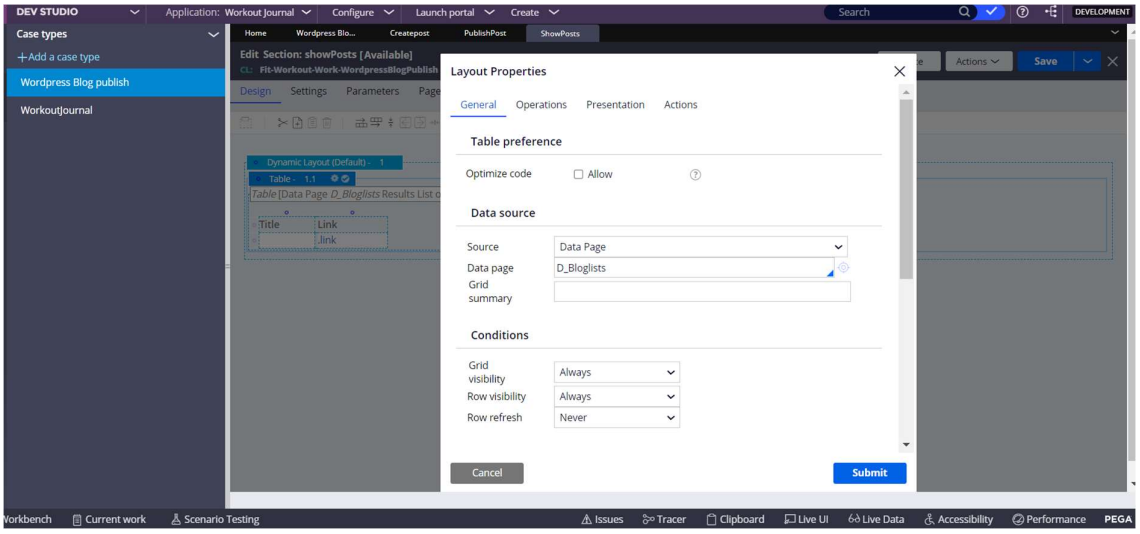

Home
Wordpress Blo...
Createpost
Edit Section: Createpost [Available]
Actions
Save
Design
Settings
Parameters
title
content
status
pending
Publish Post
Post Has been published successfully bel
Click here to check the publist post
Cell Properties
Button
Change
General
Presentation
Actions
Add another action set
Action set 1
Delete action set
Add an event
Click
Add an action
Refresh-This section
Target
Section
Disable submit on refresh
Selecting this will not submit any edited data to the clipboard. The section or harness would be refreshed with data from the clipboard.
Data Transform
Activity
PublishPost
Conditions
When
Add a condition
Cancel
Submit

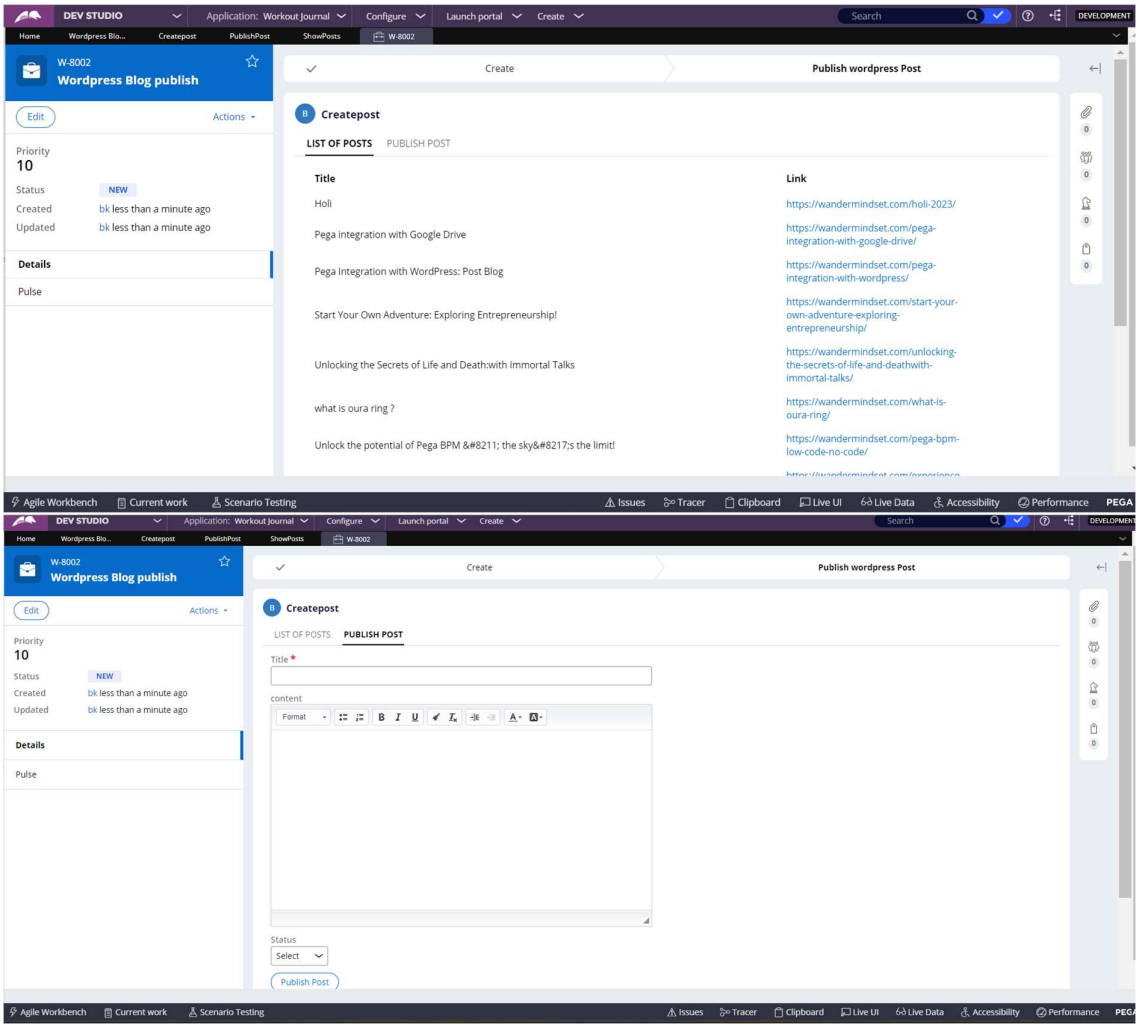


You will need an activity to publish your post as shown above

Now lest show you how to get the list of posts





Test the Settings and you are Done

Final Screen will look like this