

Create a simple project with Django and rest framework.

Add an app. Create a model named Blog.

Blog should have

- A category. (A foreign key to another model (Category))
- An author field (A foreign key to User)

Category needs a title and a description.

Blog should have title (CharField), description (Text), created_date (DateTime), modified date(DateTime).

Author field should be auto updated to the user who is creating the record. (Requires authentication)

create views to handle:

- Blog lists.
 - Only list id, title and created_date field
 - and only category id and name, Author name also
- A detail view of the blog. Show all fields.
- A blog create API
- An edit API
- A blog delete API

Create a viewset to handle CRUD operations for category.

Add pagination for the blog lists.

Add validations to prevent creating a Blog when

Validations should be in the serializer

- Title is empty or does not contain any alphabetic characters
- Title and description should not be same

Add authentication. Use token authentication.

Authors should be able to login and logout.

For reference visit: https://django-rest-framework-simplejwt.readthedocs.io/en/latest/getting_started.html

Authors should be able to edit and delete their own blog only.

But they can view other user's records.

Use `permission_classes` or `authentication_classes` setting in the view for these. Add custom permission classes for that if required.

Or redefine and use `check_object_permissions` method in the view

For reference:

<https://www.django-rest-framework.org/api-guide/permissions/#object-level-permissions>

<https://www.django-rest-framework.org/api-guide/permissions/#api-reference>