

Backend Exercise

The project should be made available in the backend directory with meaningful commit messages. Use flask and if needed, any supporting framework.

Implement a **simple REST API** to **manage** "Products" and "Variants".

The "Products" resource should have the following properties:

- id: any type of unique id
- name: name of the product
- description: description of the product
- images: an list of associated images
- logo_id: the primary logo for this images
- created_at: timestamp
- updated_at: timestamp

The "Variants" resource should have the following properties:

- id: any type of unique id
- product_id: id of the relevant product
- name: name of the variant
- size: size of the variant
- color: color of the variant
- images: an list of associated images
- created_at: timestamp
- updated_at: timestamp

The "Image" resource can have the following properties:

- id: any type of unique id
- url: the url of the image

The apis you build must be able to accomplish the following tasks:

1. Create/Update a product
2. Create multiple variants under a product
3. Update a variant
4. Link Products/Variants to images

5. Query products and variants

The data should be stored in a MySQL database.