

Analisis Kebutuhan untuk Front-End			
No	Fungsi Secara User	Secara Sistem	Query
1	Read / Menampilkan data category (initial, name, active)	(id, initial, name, active)	select id, initial, name from category order by initial asc
2	Create / Menambah data category (initial, name, active)	(initial, name, active, create_by, create_date)	INSERT INTO public.category( active, create_by, create_date, initial, name) VALUES (true, 'Admin', now(), 'ABC', 'Baterai ABC');
3	Update / Mengubah data category (initial, name, active)	(id, initial, name, active, modify_by, modify_date)	update category set initial = 'CBA', name = 'Baterai CBA', active = false, modify_by = 'Admin', modify_date = now() where id = 1;
4	Delete / Menghapus data category	(id)	delete from category where id = 6
	CategoryDTO		
	(id, initial, name, active, create_by, modify_by)		

Analisis Kebutuhan untuk Front-End			
No	Fungsi Secara User	Secara Sistem	Query
1	Read / Menampilkan data variant (category_name, initial, name, active)	(id, category_id, category_name, initial, name, active)	<pre>select   v.id,   v.category_id,   c.name as category_name,   v.initial,   v.name,   v.active from variant v join category c   on v.category_id = c.id;</pre>
2	Create / Menambah data variant (category_name, initial, name, active)	(category_id, initial, name, active, create_by, create_date)	<pre>INSERT INTO public.variant(   active, category_id, create_by, create_date, initial, name) VALUES (true, 1, 'Admin', now(), 'ABCD', 'Baterai ABCD');</pre>
3	Update / Mengubah data variant (category_name, initial, name, active)	(id, category_id, initial, name, active, modify_by, modify_date)	<pre>update variant set category_id = 1, initial = 'DCBA', name = 'Baterai DCBA', active = false, modify_by = 'Admin', modify_date = now() where id = 1;</pre>
4	Delete / Menghapus data variant	(id)	<pre>delete from variant where id = 6</pre>
5	Read / Menampilkan semua data category (category_name)	(category_id, category_name)	<pre>select   id as category_id,   name as category_name from category order by category_name asc</pre>
	VariantDTO		
	(id, category_id, category_name, initial, name, active, create_by, modify_by)		