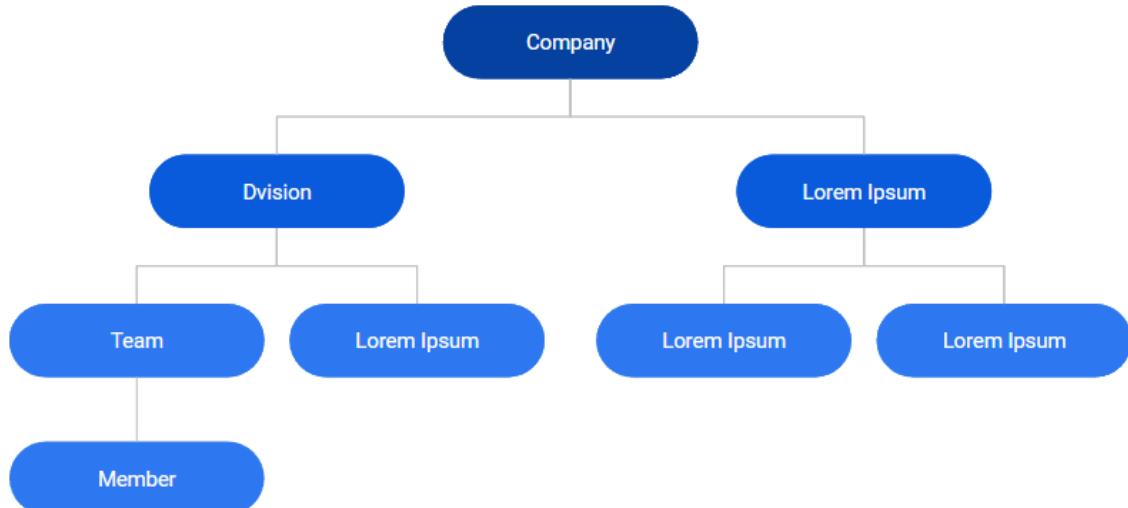


Thank you for asking questions. This discussion will help us in developing better product.

Let me discuss from the workflow view... Let me know if you have any questions.

## **ROLES**

1. Since the module is role based, we need may need an interface to create organization to org chart.



2. By clicking on org char node - we can manage user (add/remove) and manage cross organization data sharing.

Level		example	role		
1	divisions	Vehicle Safety & Security	manager	Full access - division's data	Read/view access to other division, department ... Etc.. with permission
2	departments	Vehicle Safety	manager	Full access - department's data	
3	Teams -	Product line - cameras	manager	Full access - product lines	
4	Team / member	Product	product manager	Full access - products	
2	departments	Vehicle Telematics	manager	Full access - department's data	
3	Teams -	Product line - Tracking Sensors	manager	Full access - product lines	
4	Team / member	Product - GPS sensor	manager	Full access - products	
2	departments	Purchasing	manager	Full access - department's data	
3	Teams -	Product line	manager	Full access - product lines	
4	Team -	Product	buyer	Full access - products	

create user with there should be read/write/view permission data / web pages.

## **Product sourcing workflow / process steps**

1. Product idea [Product manager]
2. Competitive analysis - against other products currently in the market [Product manager]
3. Product proposal [Product manager]
4. Product approval [Team]
5. Product requirements for sourcing [Product manager]
6. Supplier & product data gathering [Buyer]
7. Supplier selection [Team]
8. Product information entry into the product lineup [Product manager]

## **Workflow Process DB Tables**

For the flexibility ... I am recommend template driven

Template: Global Process table - used for the dashboard

Process table		Process step table	
---------------	--	--------------------	--

Global Process id	1	Global process step id	1
Process [name]	Purchasing process	Process id	1
description	Purchasing process	Process Step [name]	Product Idea

Process manager	First and last name	Parent id	0
		Previous [step] id	0
		Start date	
		End date	
		Status	

#### Instance: Project process table

Process table	Process step table
---------------	--------------------

Process id	1	Process step id	1
Global process id	1	Global process step id	1
Process [name]	Backup Camera	Process id	1
description	Descriptions here	Process Step [name]	Product idea
Process manager	Richard Hong	Parent id	0
		Previous [step] id	0
		Start date	11/11/24
		End date	12/11/24
		Status	In progress

Process id	2	Process step id	2
Global process id	1	Global process step id	1
Process [name]	ODB 2 BT Scanner	Process Step [name]	Product idea
description	Descriptions here	Parent id	0
Process manager	Jerry Wu	Previous [step] id	0
		Start date	10/10/24
		End date	11/11/24
		Status	Completed

		Process step id	3
		Global process step id	2
		Process Step [name]	Competitive Analysis
		Parent id	0
		Previous [step] id	3
		Start date	11/13/24
		End date	11/22/24
		Status	In progress

#### Workflow Dashboard

- Simple table showing the current steps...
   
For example: I used the color to relate between the db data and presentation

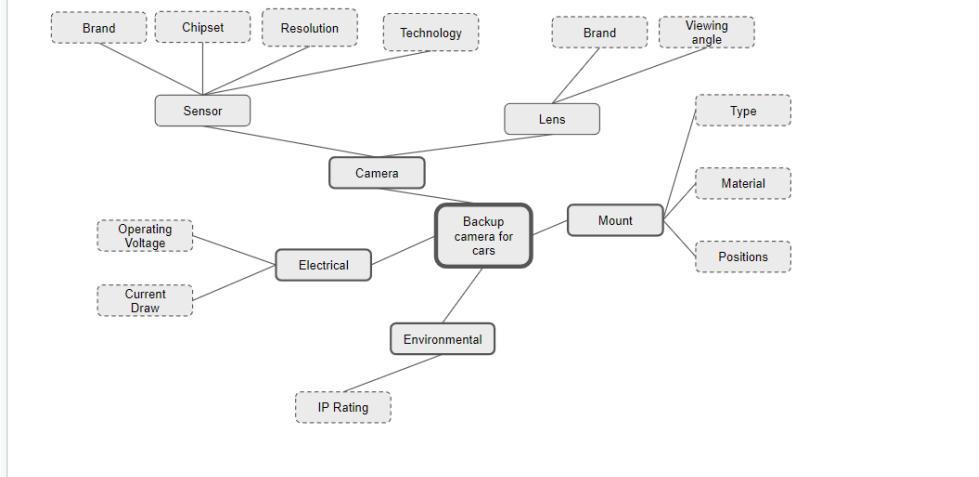
Project Progress Status as of 11/27/24

Product (idea)	Competitive Analysis		
Backup camera	[On Schedule]	ODB 2 BT Scanner	[As scheduled]

#### Process & Product Information DB Tables

- Product idea [Product manager]
    - Create product template: Product [type] name / Attribute / Specification / minimum requirements / reference images
   
\*\* minimum requirement => for comparison purposes
- Tabular: entry  
Display as mind map

## Product Idea Mindmap Reference Model



- b. Create reference feature list & define reference selection criteria

## Product Idea Features table reference

Feature statement	condition	Selection Criteria
[%feature%] quality image	[%Excellent%] if technology = "Starvist" [%High%]	Excellent
[%feature%] resolution image	[%Full HD%] if resolution= "1920x1080" [%HD%] if resolution= "1024x720"	Full HD
[%feature%] viewing angle	[%wide fisheye%] if viewing angle> "180" [%wide%] if viewing angle> "140"	Wide fisheye, wide

2. Competitive analysis - against other products currently in the market [Product manager]

- a. Specification sheet: Enter specification data for current market products
- b. Feature list: for each product - auto generated
- c. Compare products
  - i. Tabular : existing product features / specification - display allow column ordering.

	Model Capture	Model Capture IR	Model Expert	Model No Flash	Model Excite
Trigger Speed	Hair Trigger (<1/3 sec)	Hair Trigger (<1/3 sec)	Instant Trigger	Instant Trigger	Instant Trigger
Battery Life	up to 2000 images per set	up to 2000 images per set	Battery Wise	Battery Wise	Battery Wise
Megapixels	3.0	3.0 Day, 1.3 Night	3.0	3.0 Day, 1.3 Night	2.0
Flash Range	50 ft.	25 ft.	60 ft.	Still 60 ft., Video 40 ft.	40 ft.
Video Clip Capability	-	-	Day	Day / Night	-
Anti-theft Password Protection	-	-	✓	✓	-
Programmable (owner name/phone)	-	-	✓	✓	-
User Interface	Super simple set up	Super simple set up	EZ / Advanced	EZ / Advanced	EZ
Time Lapse Mode	-	-	✓	✓	-
Adjustable Sensitivity	-	-	✓	✓	✓
Operation Time	24 hour	24 hour	Selectable	Selectable	24 hour
Adjustable Delay Time	30 sec - 30 min.	30 sec - 30 min.	1 min - 1 hr.	1 min - 1 hr.	1 min - 1 hr.
Media Compatibility	SD Memory Card	SD Memory Card	Compact Flash	Compact Flash	Compact Flash
Controls	Rotary Switch	Rotary Switch	5 key touch pad	5 key touch pad	5 key touch pad
Weatherproof Casing	✓	✓	✓	✓	✓
3-D Reality Camouflage Housing	✓	✓	✓	✓	✓
Time and Date on each Photo	✓	✓	✓	✓	✓
Anti-theft Hidden lock	-	-	✓	✓	✓
Compact Design	✓	✓	✓	✓	✓
Tree Attachment	Strap	Strap	Screw	Screw	Screw
MSRP	\$ 199.99	\$ 299.99	\$ 349.99	\$ 399.99	\$ 249.99

- ii. Display ideamap with data value - if value does not exist - BLACK it.

- d. Create reference product description, feature list, specification ... The same as Step 2.a  
The reference product will be developed or sourced.

3. Product proposal [Product manager]

- a. Create a document template [simple business plan]: title, market information, etc...

- b. Populate template [business plan]
  - c. Create files
    - Output\_[business plan] in MS Word or Google Doc
    - Output reference product MS Word or Google Doc.
4. Product approval [Team]
    - a. Email - business plan & reference product - to team
  5. Product requirements for sourcing [Product manager]
    - a. Lock reference product data
    - b. Open view access for the purchasing department
  6. Supplier & product data gathering [Buyer]
    - a. Create supplier product information = duplicate reference product table entry
    - b. Enter the supplier product information
  7. Supplier selection [Team]
    - a. Compare supplier product features / specification - display allow column ordering. As in Step 2.c.
    - b. Display Display ideamap with data value - if value does not exist - BLACK it.
  8. Product information entry into the product lineup [Product manager]