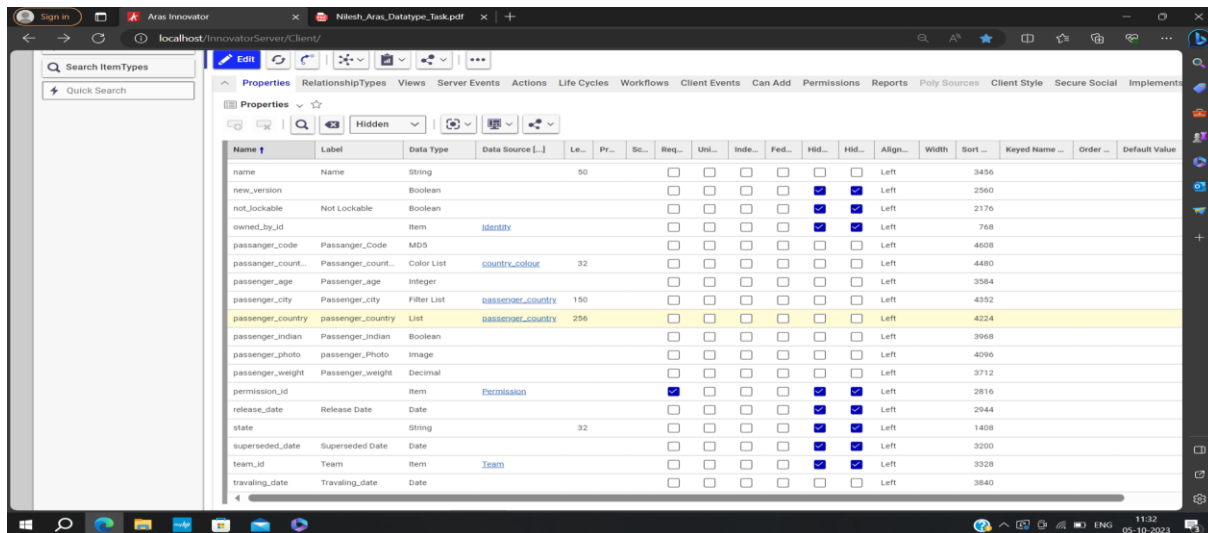


Task-2

In these tasks we discover several datatypes as shown in following

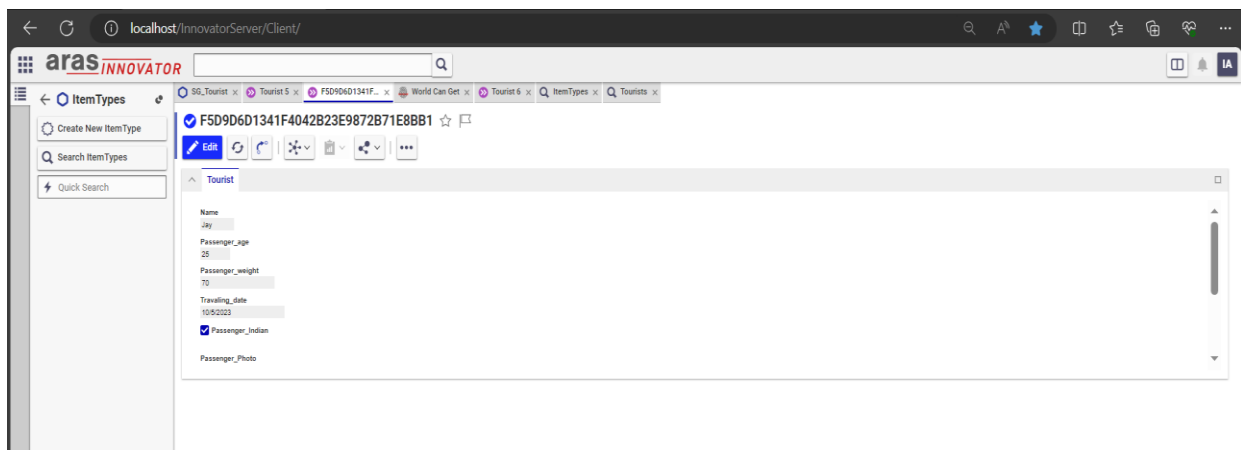
1. String
2. Integer
3. Decimal
4. Date
5. Boolean
6. Image
7. List
8. Filter List
9. Color List
10. MD5



The screenshot shows the 'Properties' window in Aras Innovator, displaying a list of item types and their associated properties. The table has columns for Name, Label, Data Type, Data Source, and various flags (Le., Pr., Sc., Req., Uni., Inde., Fed., Hid., Hid., Align., Width, Sort, Keyed Name, Order, Default Value). The 'passenger_country' item type is highlighted in yellow.

Name	Label	Data Type	Data Source	Le.	Pr.	Sc.	Req.	Uni.	Inde.	Fed.	Hid.	Hid.	Align.	Width	Sort	Keyed Name	Order	Default Value
name	Name	String											Left		3456			
new_version		Boolean											Left		2560			
not_lockable	Not Lockable	Boolean											Left		2176			
owned_by_id		Item	identity										Left		768			
passenger_code	Passenger Code	MD5											Left		4608			
passenger_count	Passenger count	Color List	country_color										Left		4480			
passenger_age	Passenger age	Integer											Left		3584			
passenger_city	Passenger city	Filter List	passenger_country										Left		4352			
passenger_country	Passenger country	List	passenger_country										Left		4224			
passenger_indian	Passenger indian	Boolean											Left		3968			
passenger_photo	Passenger photo	Image											Left		4096			
passenger_weight	Passenger weight	Decimal											Left		3712			
permission_id		Item	permission										Left		2816			
release_date	Release Date	Date											Left		2944			
state		String											Left		1408			
superseded_date	Superseded Date	Date											Left		3200			
team_id	Team	Item	team										Left		3528			
travelling_date	Travelling date	Date											Left		3640			

First, we take a simple datatype **String** and in these we must give its length. Next, we take **integer** datatype in which we take number. Later, we use **decimal** datatype which allow us to give value in point. Then apply **Date** datatype which simply gives us date function.



The screenshot shows the 'Tourist' form in Aras Innovator. The form contains fields for Name, jay, Passenger_age, Passenger_weight, Travelling_date, Passenger_indian, and Passenger_photo. The values are: Name (F5D9D6D1341F4042B23E9872B71E8BB1), jay (35), Passenger_age (70), Passenger_weight (10/9/2023), Passenger_indian (checked), and Passenger_photo (empty).

Field	Value
Name	F5D9D6D1341F4042B23E9872B71E8BB1
jay	35
Passenger_age	70
Passenger_weight	10/9/2023
Travelling_date	10/9/2023
Passenger_indian	<input checked="" type="checkbox"/>
Passenger_photo	

Next by using **Boolean** datatype we give checkbox button. To insert images, we use **Image** datatype.

List datatype provides a list of options in this datatype we must give its Datasource of list.

After that we take **Filter List** datatype. In these we create two lists. In these we also must give pattern parameter as well. **Color List** Datatype is used to give different color for different options in list.

MD5 datatype is required for password. It hides user data in form.

