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Traffic Light Trigger

Concept Model

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Revision:

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Model Introduction

Model Specification>Documentation

Author: Rhys Evans

Created: 2022/10/22

Title: Traffic Light Trigger.

Created:.

Title:Traffic Light Trigger.

Comment:.

All Project Diagrams

1. Traffic Trigger Concept

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.Traffic Trigger Concept.Traffic Trigger Concept

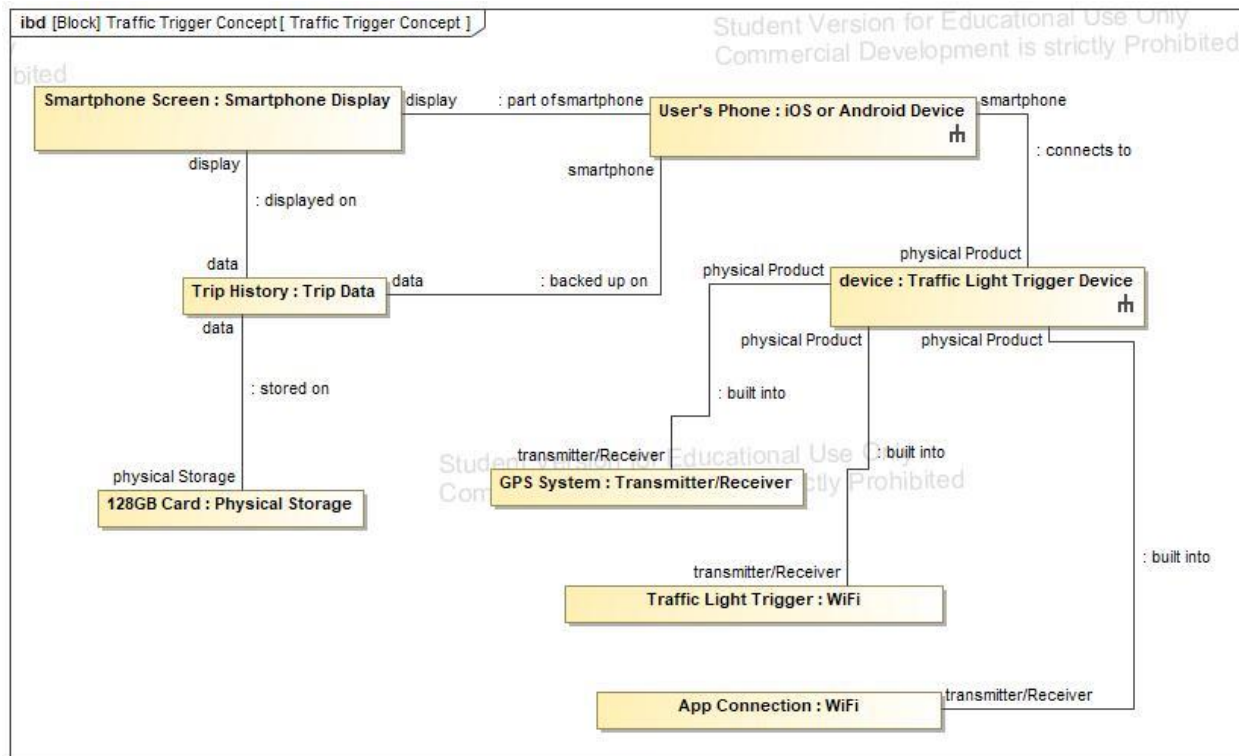


Figure 1 Diagram Traffic Trigger Concept

2. Traffic Light Trigger App

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.Traffic Light Trigger App.Traffic Light Trigger App

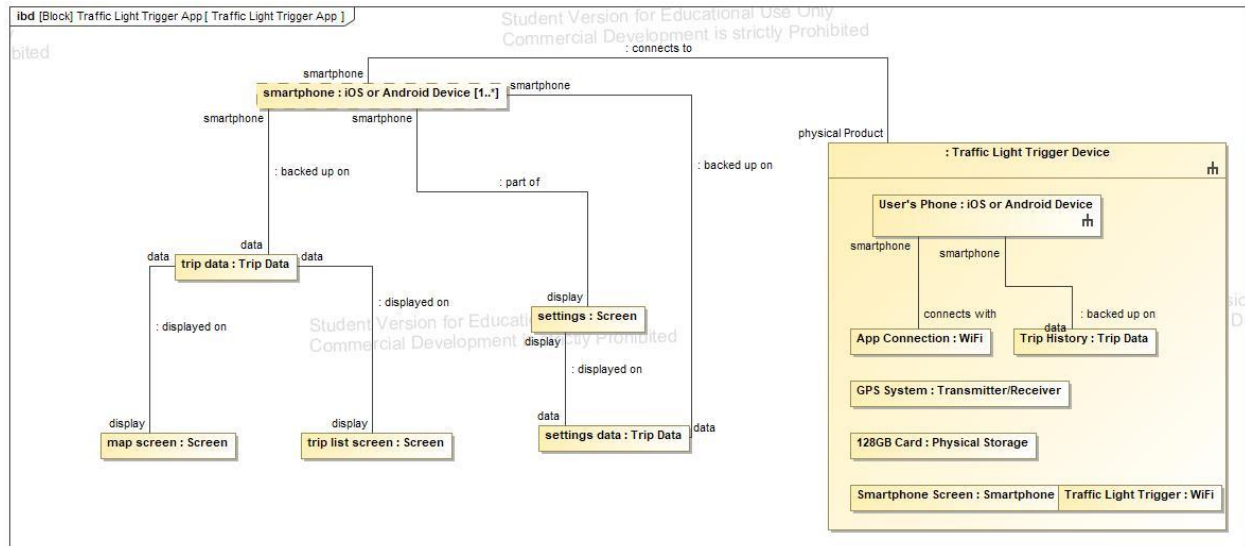


Figure 2 Diagram Traffic Light Trigger App

3. Concept Model

Diagram Specification>Documentation

In: Concept Model.Concept Model

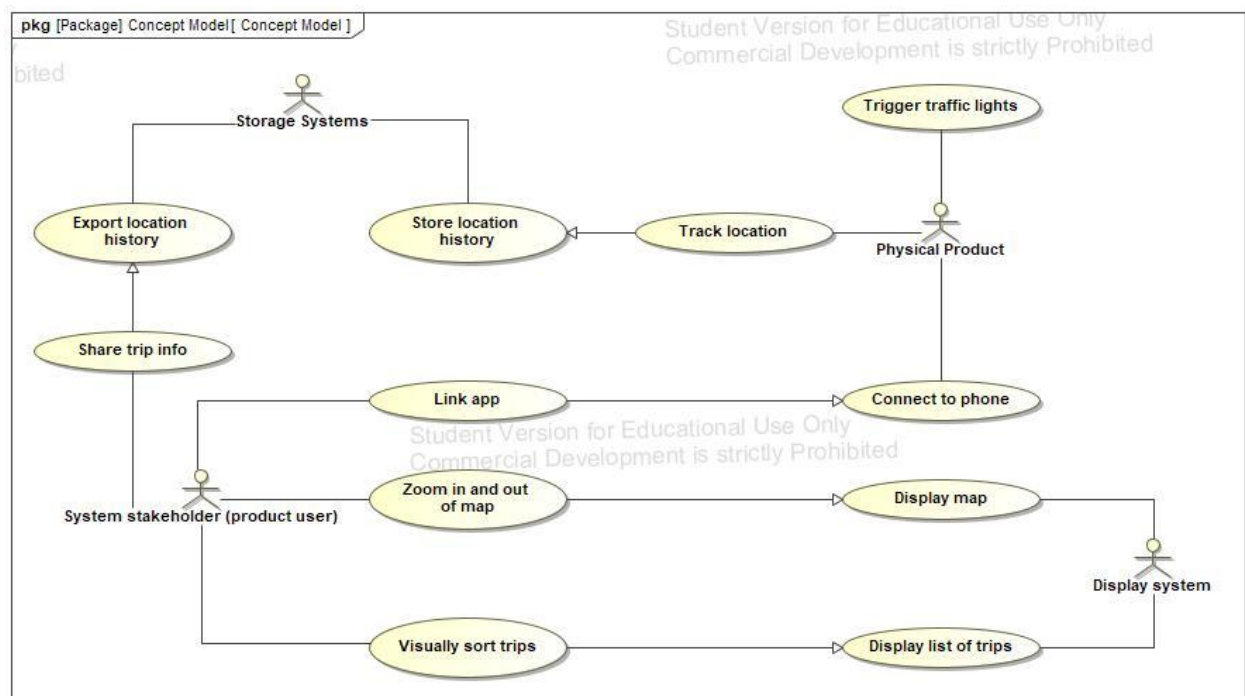


Figure 3 Diagram Concept Model

4. iOS or Android Device

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.iOS or Android Device.iOS or Android Device

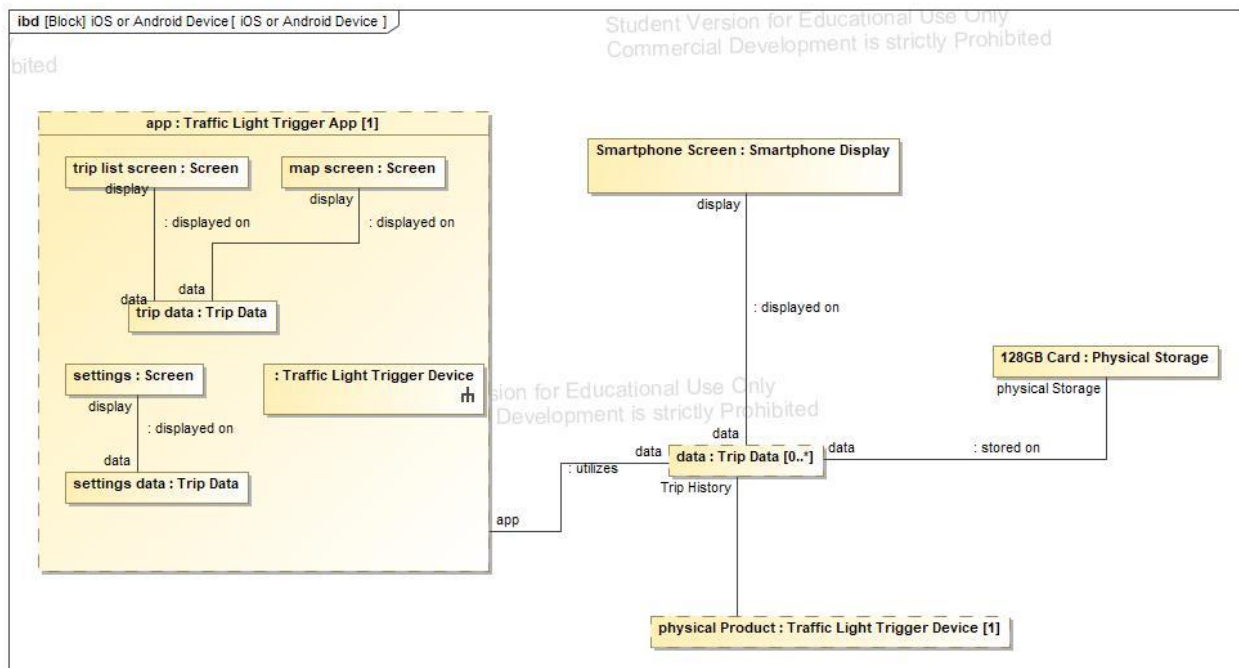


Figure 4 Diagram iOS or Android Device

5. Mapping Concept BBD to PoC

Diagram Specification>Documentation

In: Proof of Concepts.Mapping Concept BBD to PoC



Legend														
Allocate														
Allocate (Implied)														
		App	Data	Display	Physical Product	storage : Storage	wireless Connection : Wireless Con...	Smartphone	app : App	display : Display	storage : Storage	Storage	data : Data	Wireless Connection
iOS or Android Device		1	1	2	1			3		1	1	2	1	
P 128GB Card : Physical														
P Smartphone Screen														
P Trip History : Trip Data														
Traffic Light Trigger App		2	3	3				5		3		2	2	
P : Traffic Light Trigger														
P map screen : Screen														
P settings : Screen														
P settings data : Trip Data														
P trip data : Trip Data														
P trip list screen : Screen														
Traffic Light Trigger Device		1	1	5	1			4		1	1	2	1	3
P 128GB Card : Physical														
P App Connection: WiFi														
P GPS System : Transmitter														
P Smartphone Screen														
P Traffic Light Trigger														
P Trip History : Trip Data														
P User's Phone : iOS or Android														
Traffic Trigger Concept		1	1	8	1			5		1	1	2	1	4
P 128GB Card : Physical														
P App Connection: WiFi														
P device : Traffic Light Trigger														
P GPS System : Transmitter														
P physical Product : Traffic Light Trigger														
P smartphone : iOS or Android														
P Smartphone Screen														
P Traffic Light Trigger														
P Trip History : Trip Data														
P User's Phone : iOS or Android														
Transmitter/Receiver								1						
P smartphone : iOS or Android														

Figure 5 Diagram Mapping Concept BBD to PoC

6. PoC Activities - Traffic Light Trigger

Diagram Specification>Documentation

In: Proof of Concepts.Functions.PoC Activities - Traffic Light Trigger.PoC Activities - Traffic Light Trigger

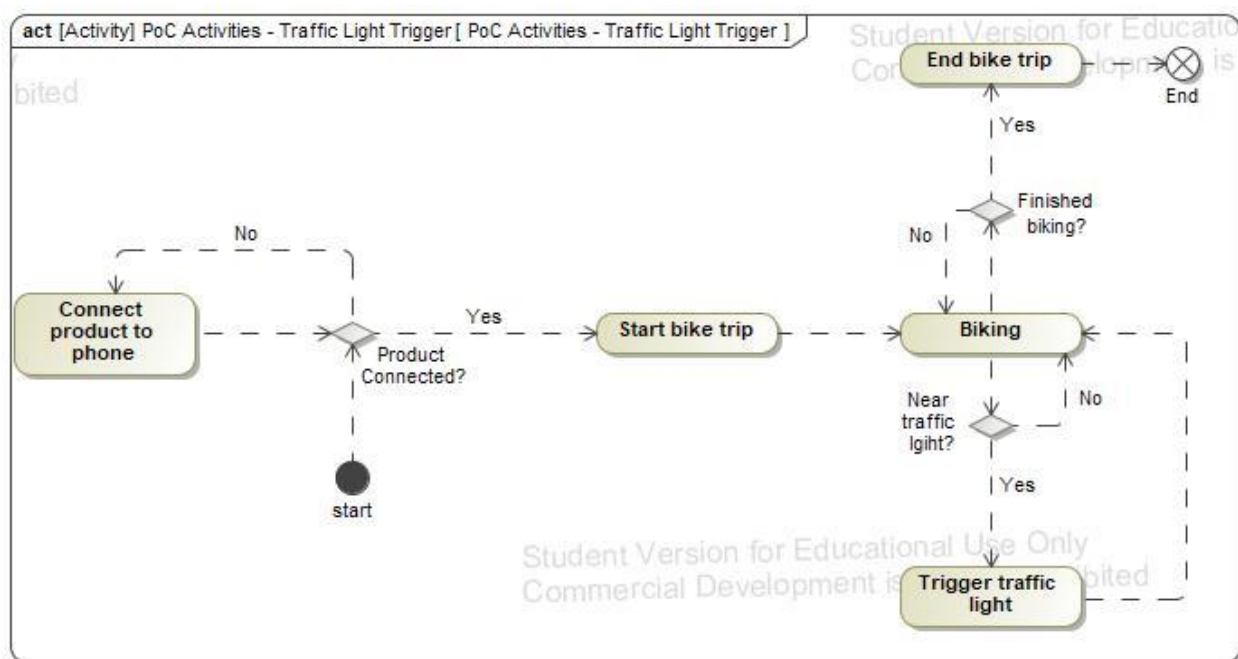


Figure 6 Diagram PoC Activities - Traffic Light Trigger

7. Mapping Concept BBD to Concept Model

Diagram Specification>Documentation

In: Concept Model.Mapping Concept BBD to Concept Model

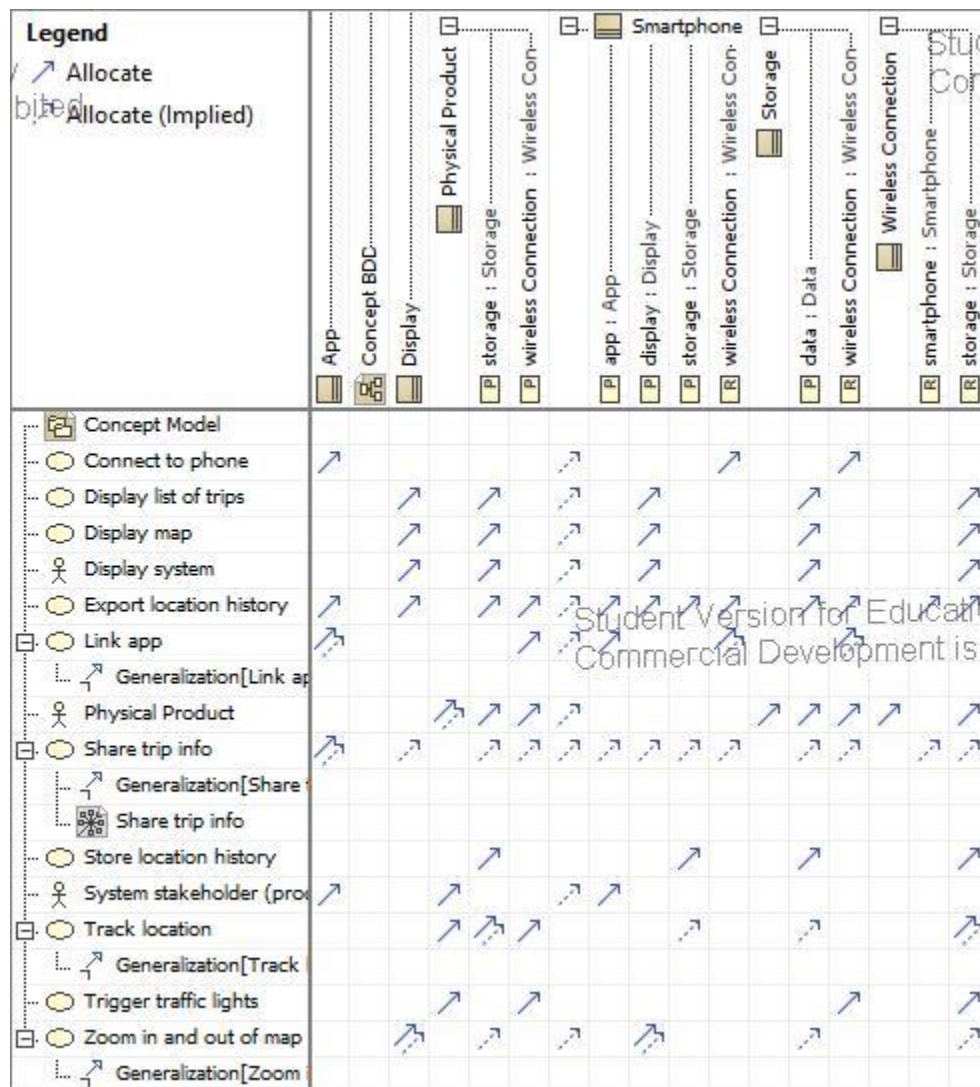


Figure 7 Diagram Mapping Concept BBD to Concept Model

8. PoC Blocks

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.PoC Blocks



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Proof-of-Concept Assessment Report

<Group Name here>

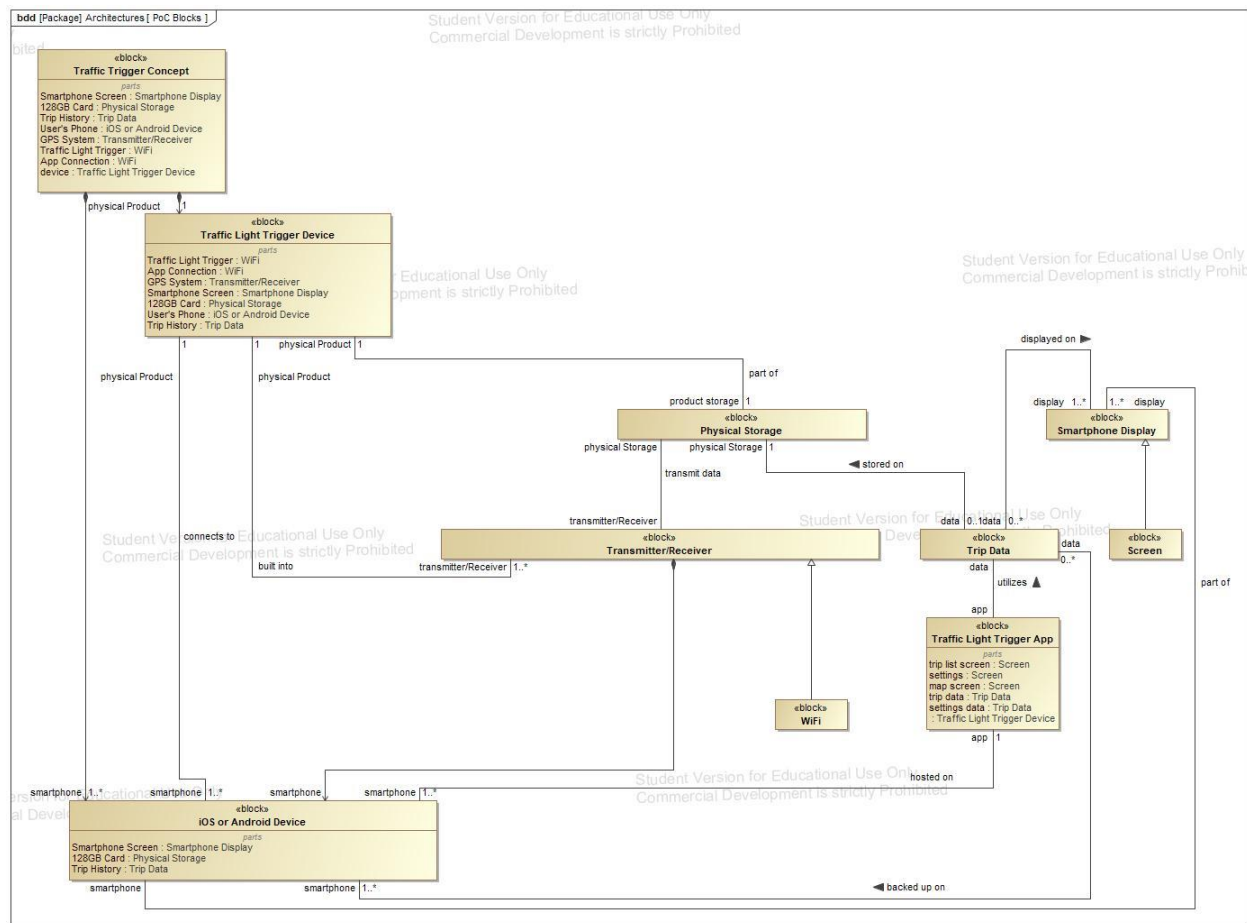


Figure 8 Diagram PoC Blocks

9. Concept BDD

Diagram Specification>Documentation

In: Concept Model.Concept BDD

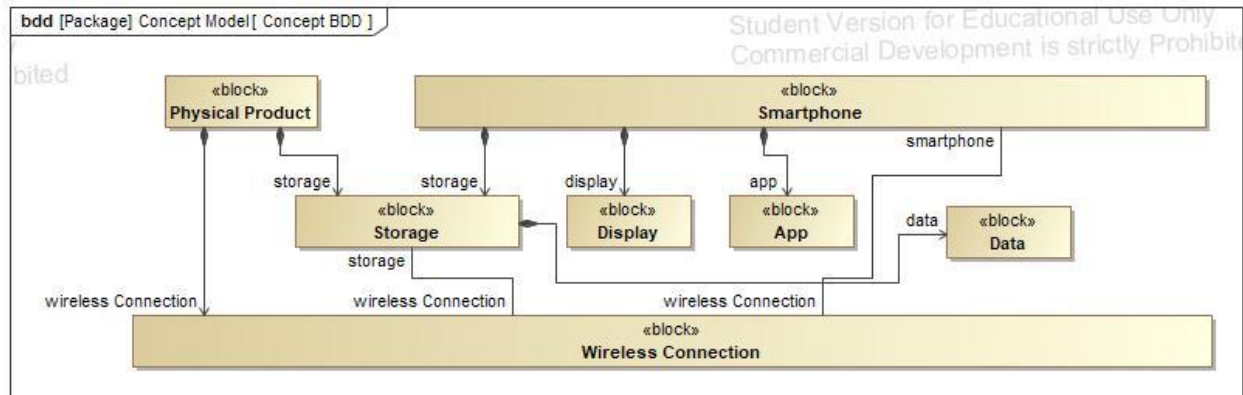


Figure 9 Diagram Concept BDD

10. Traffic Light Trigger Device

Diagram Specification>Documentation

In: Proof of Concepts.Architectures.Traffic Light Trigger Device.Traffic Light Trigger Device

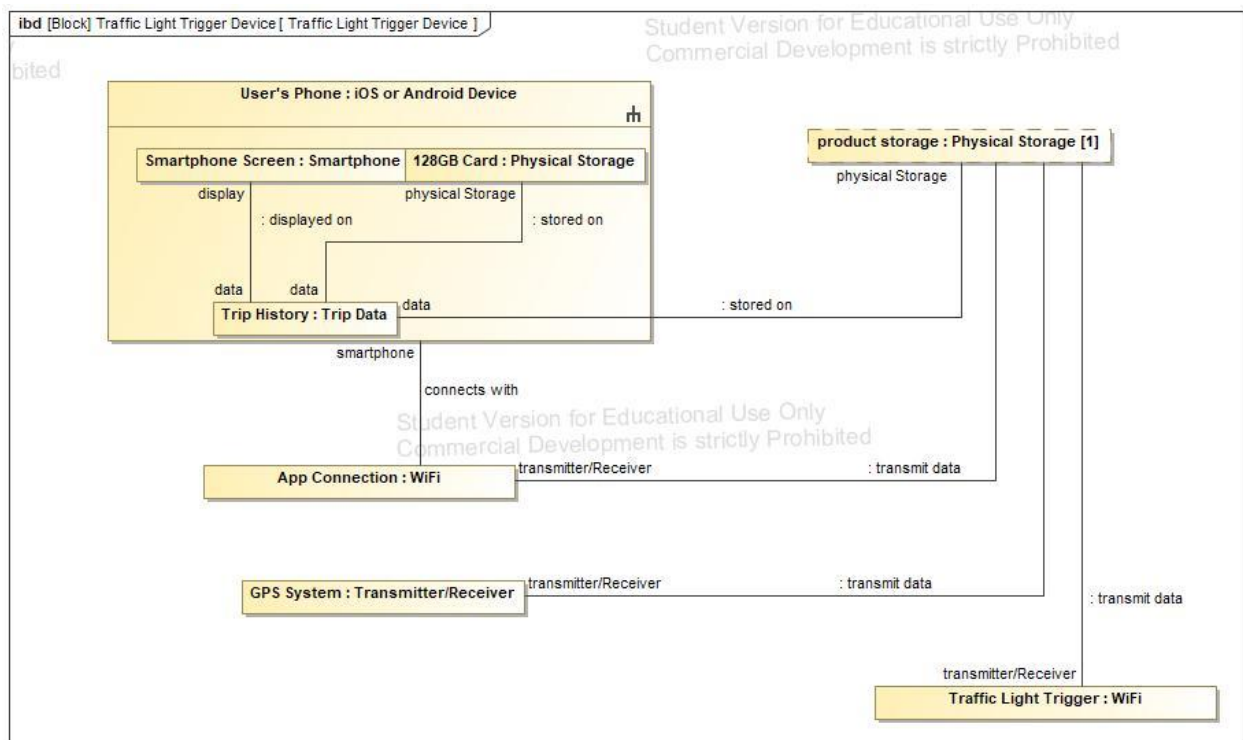


Figure 10 Diagram Traffic Light Trigger Device

11. PoC Activities - Share Trip Data

Diagram Specification>Documentation

In: Proof of Concepts.Functions.PoC Activities - Share Trip Data.PoC Activities - Share Trip Data



Figure 11 Diagram PoC Activities - Share Trip Data

Actor Summary

Primary Actor	Use Cases
Display system	<ul style="list-style-type: none"> Display list of trips Display map
Physical Product	<ul style="list-style-type: none"> Connect to phone Track location Trigger traffic lights
Storage Systems	<ul style="list-style-type: none"> Export location history Store location history
System stakeholder (product user)	<ul style="list-style-type: none"> Link app Share trip info Visually sort trips Zoom in and out of map