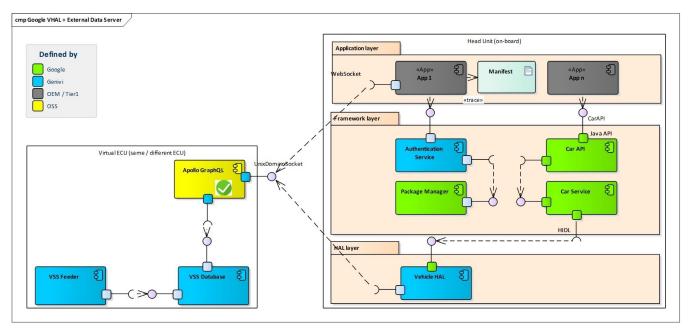
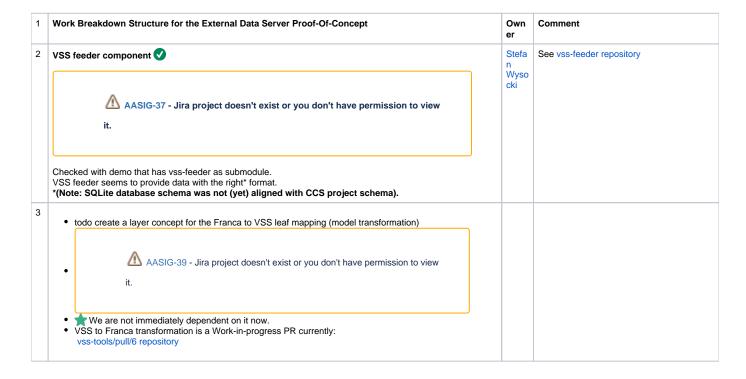
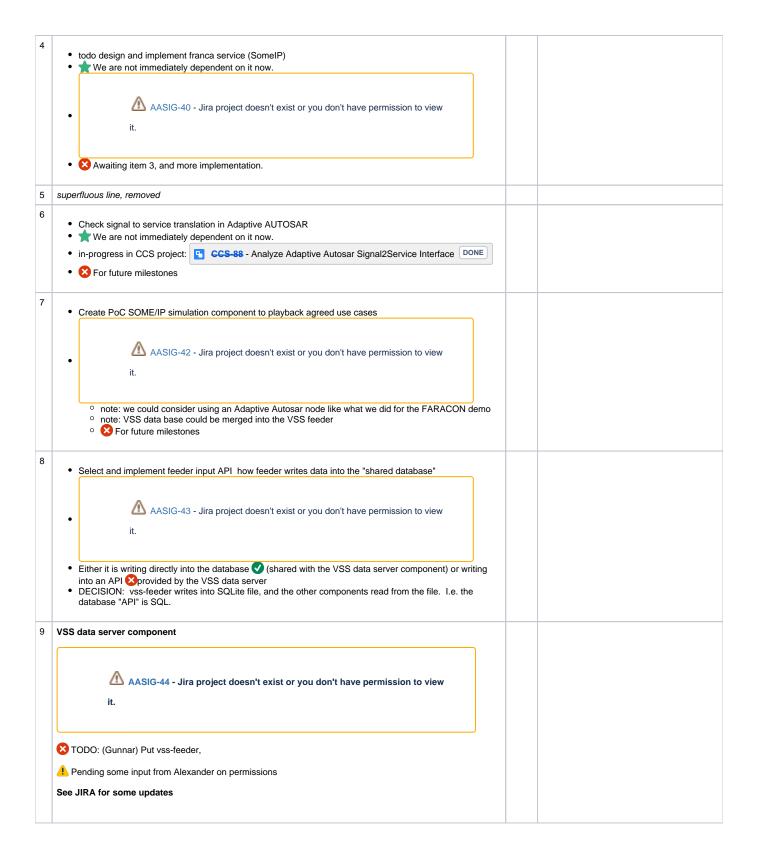
## **External Data Server Proof-Of-Concept - Work Breakdown Structure**

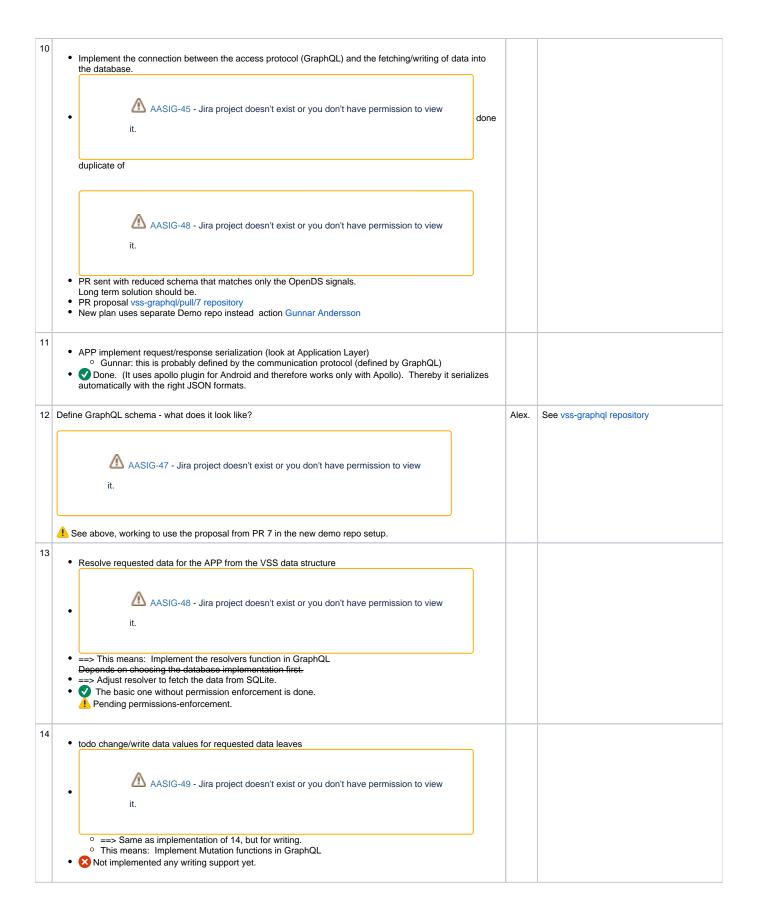
EA Block Diagram foe the External Data Server Proof-of-Concept

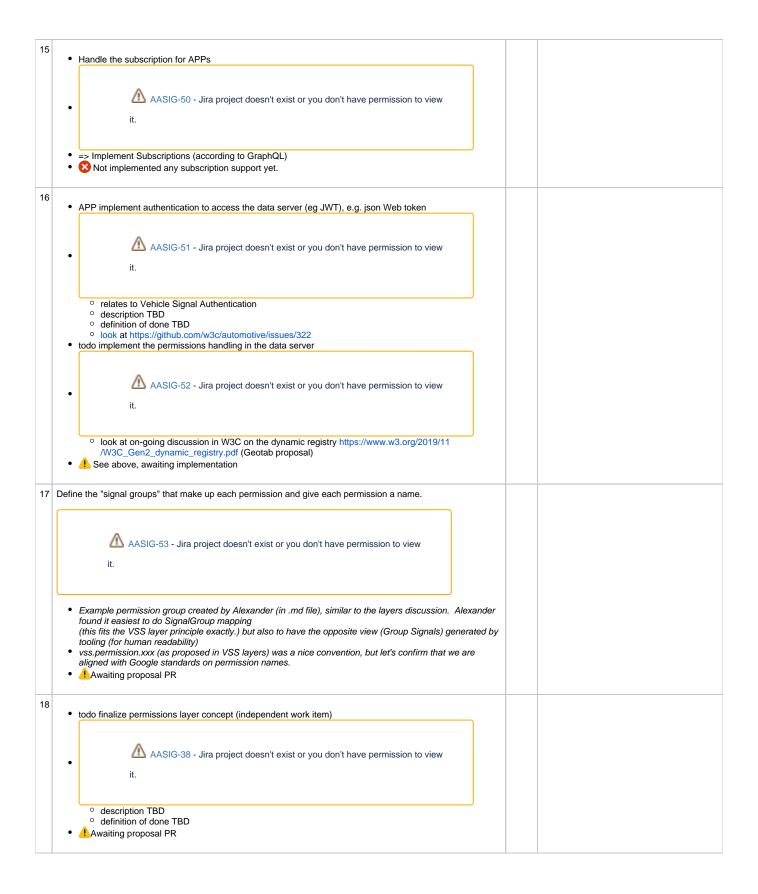
• look at ExternalDataServerPoC-lookatslide#7 for the slide



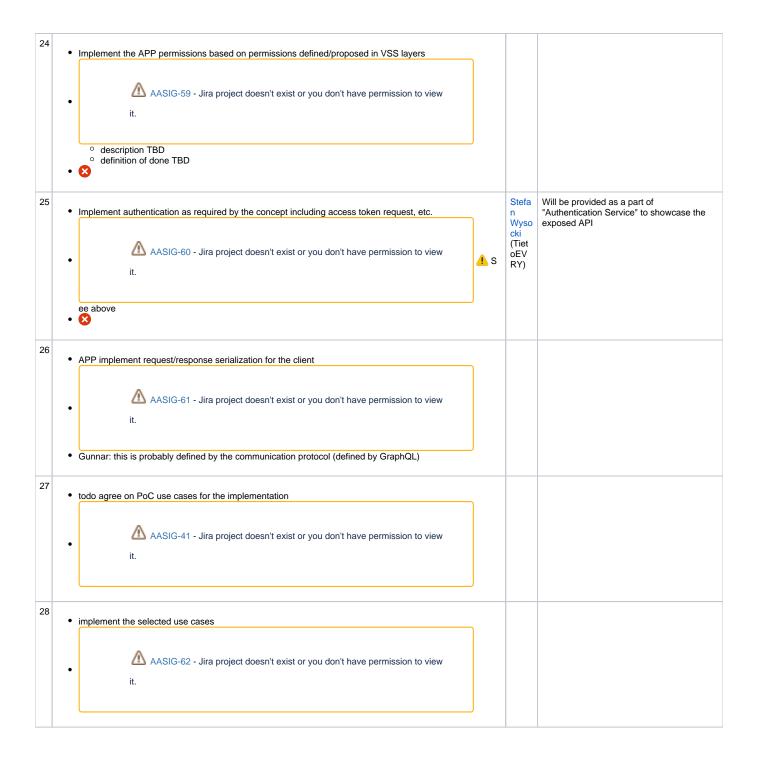








19	Framework Layer / Authentication Service	Stefa n	Will update the description and DoD for this component
	AASIG-54 - Jira project doesn't exist or you don't have permission to view it.	Wyso cki (Tiet oEV RY)	
	To be done. Will be stored in android-vss-authentication-service repository		
20	todo request APP permissions from package manager	Stefa n Wyso	
	AASIG-55 - Jira project doesn't exist or you don't have permission to view it.	cki (Tiet oEV RY)	
	o description TBD o definition of done TBD ■ X TODO		
21	todo generate access token for the APP including the APP permissions	Stefa n Wyso cki (Tiet oEV RY)	Implementation of the module deployed on the platform. Buildable by Android buildystem (Android.bp)
	AASIG-56 - Jira project doesn't exist or you don't have permission to view it.		
	• & TODO		
22	Application Layer		
	AASIG-57 - Jira project doesn't exist or you don't have permission to view it.		
	Implement EV charging status App in Android, with a graphical UI     Implement Position/speed/make/model/ any other info, as received from driving simulator (could be simple UI, maybe text).		
	↑ Decision to implement number 2 first.		
	Alexander: There are helpers to access GraphQL from an Android project. You add a plugin to your gradle project to include it. Some classes will be generated based on the GraphQL schema we specify. https://github.com/apollographql/apollo-android		
	Stefan: The app skeleton is in the aasig_dev_platform (Only on Stefan's fork still?)		
	Currently in aasig_dev_platform/tree/develop/vendor/genivi/modules repository		
	Will be put in Will be stored in android-vss-authentication-service repository		
23	TODO: Define what signals we can get from simulator, and try the simulator (Tieto)	Tieto?	
	AASIG-58 - Jira project doesn't exist or you don't have permission to view it.		
	✓ Done, see above for details		



## Support / Infrastructure

1. Testing

 a. Stephen Lawrence I can contribute to the effort to integrate the PoC into the Genivi LAVA Automated testing if the group decides to use it.
 b. AASIG-67 - Jira project doesn't exist or you don't have permission to view it.

- 2. Integration
  - a. Stephen Lawrence: I would be happy to provide best effort support for integration on R-Car h/w where needed.

## Interfaces

**VSSDatabase**: Decision to first use SQLite as the intermediate storage. (Note. Reuse potential with CCS project)

- SQLite is also a kind of inter-process communication between VSSFeeder and Apollo GraphQL server.
- VSSFeeder needs to be adjusted to fill data into SQLite (

⚠ AASIG-37 - Jira project doesn't exist or you don't have permission to view it.

) and Apollo needs to be adjusted to get data

from SQLite. (That is

⚠ AASIG-48 - Jira project doesn't exist or you don't have permission to view

it.