



<b>Title</b>	Developers Committee Meeting		<b>Date</b>	2024-01-11
<b>Location</b>	https://meet.jit.si/openIMISDevelopers		<b>Time</b>	09:00 UTC
<b>Meeting called by</b>	openIMIS Initiative	<b>Type of meeting</b>	Weekly Call	
<b>Facilitator</b>	All	<b>Note taker</b>	All	
<b>Distribution list</b>	openimis-developers-committee@googlegroups.com; openimis-implementers-committee@googlegroups.com;			
<b>Chat channel</b>	<a href="https://discord.gg/khDqTDWUZV">https://discord.gg/khDqTDWUZV</a> ,			

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
19	AGPL V3 License	W	<ul style="list-style-type: none"> <li><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> needed for the HTTP Client mobile app (Point 4 - Redistribution)</li> <li>new comment from the lawyer on copyleft - put it up on the wiki</li> <li>new task: analyse CORE-MIS dependencies</li> <li>signature with WB done for CORE-MIS part</li> </ul>	07.12.2023
59	DHIS2 Integration	I	<ul style="list-style-type: none"> <li>Demo DHIS2: <a href="https://dhis2etl.s1.openimis.org">https://dhis2etl.s1.openimis.org</a> (can be linked to Demo-data)</li> <li>to be checked: <a href="#">Program Dataset Connector (PDAC)</a></li> <li>review alternate BI architecture #341</li> <li>example of cubes with aggregate data from develop.openimis.org: <a href="https://github.com/openimis/openimis-be-dhis2_etl_py/blob/develop/dhis2_etl/services/adx/cubes.py">https://github.com/openimis/openimis-be-dhis2_etl_py/blob/develop/dhis2_etl/services/adx/cubes.py</a></li> <li>working on ci integration - done</li> </ul>	30.11.2023
105	List of modules	D	<ul style="list-style-type: none"> <li>JLN: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC">https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC</a></li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins">https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins</a></li> <li>Mapping openIMIS-JLN started: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping">https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping</a></li> <li>started restructuring of documentation #306</li> <li>update of Tomai session needed: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+Assurance+maladie+L+approche+modulaire+-+15.03.2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+Assurance+maladie+L+approche+modulaire+-+15.03.2022</a></li> <li>new graphical overview: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules">https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules</a></li> <li>Modular Architecture - <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft">https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft</a></li> <li>finished, next steps: document modules</li> </ul>	05.10.2023

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			<ul style="list-style-type: none"> <li>need to integrated the CORE-MIS Module structure</li> </ul>	
12 7	Publish AAB/APK on Gplay	A	<ul style="list-style-type: none"> <li><a href="#">Policies Demo Mobile App on Google Play</a></li> <li>TZ policy app will be pushed to Google Play - in testing countrywide</li> <li>From Aug 1 2021, Google Play will require new apps to be in AAB instead of APK. We can upload the signing key to Play Store and let it manage signing of the AAB, so this would make our life easier.</li> <li>point App to server with MS SQL</li> <li>issue on Android 13?</li> </ul>	09.02.2023
13 5	Migration Support Nepal	A	<ul style="list-style-type: none"> <li>Migration needs some adaptations first</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openIMIS+for+Health+Insurance+Board+requirements+in+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openIMIS+for+Health+Insurance+Board+requirements+in+Nepal</a></li> <li>project page: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal</a></li> <li>hand over workshop end of Feburary</li> <li>performance issues with some Django generated queries - solved - faster than legacy version now</li> <li>still need load testing - most issues resolved, waiting for hardware upgrade</li> <li>will be extended until end of March</li> </ul>	21.12.2023
13 6	AI Project	A	<ul style="list-style-type: none"> <li><a href="#">openIMIS AI-based Claim Adjudication</a></li> <li>presentation in an internal ISSA webinar (170 participants)</li> <li>working on random test data</li> <li>items &amp; services work well</li> <li>Nepal student interested in thesis, might not get approval to use the NP data</li> <li>presentation was done at AEHIN - interest for the AI module as standalone was expressed by several countries:</li> <li>GIZ internal presentation next month</li> </ul>	21.12.2023
16 4	Roadmap	I	<ul style="list-style-type: none"> <li>Old roadmap documents need updating e.g. for the new tender processes #167.</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap">https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap</a></li> <li>start writing up items for draft</li> <li><a href="https://asiahealthinformationnetwork.org/aehtm2023/presentations/">https://asiahealthinformationnetwork.org/aehtm2023/presentations/</a></li> <li></li> </ul>	27.07.2023
17 6	Video tutorials	I	<ul style="list-style-type: none"> <li><a href="#">Session 1</a> - openIMIS Legacy Web Application</li> <li><a href="#">Session 2</a> - openIMIS Legacy Web Application Localization</li> </ul>	02.11.2023

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A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> <li>• New release: <a href="#">Docker installation tutorial</a> - needs to be added to playlist (needs to be public in YT)</li> <li>• Update playlists</li> <li>• Translations to French language</li> <li>• coming up: module configuration</li> <li>• older installation video from NP</li> <li>• new implementation video <a href="https://youtu.be/q12uO3OixOw">https://youtu.be/q12uO3OixOw</a></li> <li>• request to have tutorial on step by step setup</li> </ul>	
190	Insuree self registration (general)	I	<ul style="list-style-type: none"> <li>• new integration to foresee with payment gateway, use case for the payment modules ?</li> <li>• <a href="https://dev.s1.openimis.org/api/self_registration/temp_insuree_reg/">https://dev.s1.openimis.org/api/self_registration/temp_insuree_reg/</a> ?</li> <li>• Can Nepal devs support on OTP based via email? <ul style="list-style-type: none"> <li>◦ published in 23-04 Release without testing (no testcases)</li> </ul> </li> <li>• HIB wants to launch mid January</li> </ul>	21.12.2023
193	Client self management Mobile App in Nepal	I	<ul style="list-style-type: none"> <li>• New mobile app for enquiries under development</li> <li>• <a href="https://github.com/tinkertechnology/">https://github.com/tinkertechnology/</a></li> <li>• Refactor needed to adapt the code to the Main database model (it use Nepal specific fields)</li> <li>• migration to FHIR</li> <li>• <a href="https://github.com/openimis/mobile-self_registration_flutter">https://github.com/openimis/mobile-self_registration_flutter</a></li> <li>• not in 2023-10 - <a href="#">need to check DB changes for next release</a></li> <li>• ne features planned</li> </ul>	21.12.2023
204	Students	A	<ul style="list-style-type: none"> <li>• Can we recruit students for a thesis?</li> <li>• Page to be created with possible thesis topics</li> <li>• new connection GMDS - to build networks in health informatics - new working group officially approved</li> </ul>	21.12.2023
208	Developer Workshop	D	<ul style="list-style-type: none"> <li>• What about a Dev Workshop in January? Rather later in person (Nepal)</li> <li>• Intermediate sessions as needed (Kickoff for new T3 project: 04.01.)</li> <li>• Preferences: Thailand, Kenya, Turkey</li> <li>• Looking at January (22.01 - 26.01.2024) - reduced dev-workshop in Eschborn</li> <li>• will be CORE-MIS specific with an optional virtual session for everyone</li> </ul>	21.12.2023
223	Testing Scenarios	D	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview">https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview</a></li> <li>• test cases needed for Nepal contributions (portal etc)</li> <li>• Installation tests to be listed here: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test">https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test</a></li> </ul>	07.12.2023

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			<ul style="list-style-type: none"> <li>• Example for installation test: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3470196759/Test+Install+openIMIS+on+Windows+10+Windows+11+with+Docker+Desktop">https://openimis.atlassian.net/wiki/spaces/OP/pages/3470196759/Test+Install+openIMIS+on+Windows+10+Windows+11+with+Docker+Desktop</a></li> <li>• need documentation of previous testing activities</li> <li>• need to generate a new unit test case for each new graphql query (developer)</li> <li>• need to generate a new unit test case per bug (developer)</li> </ul>	
230	Security auditing	D	<ul style="list-style-type: none"> <li>• new project: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022</a></li> <li>• summarising security activities in the wiki: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security">https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security</a></li> <li>• GIZ HQ also offers penetration testing services</li> <li>• Soldevelo code testing: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3590291529/2022-08+Code+Review">https://openimis.atlassian.net/wiki/spaces/OP/pages/3590291529/2022-08+Code+Review</a></li> <li>• will meet security expert from digital square tomorrow</li> <li>• Master's thesis will be done on penetration testing of the last release</li> </ul>	21.12.2023
246	International Developers	A	<ul style="list-style-type: none"> <li>• How do we make the community compatible with other language groups at all levels?</li> <li>• developers coffee table session (e.g. once in two weeks/ one per month) - same timeslot as gumzo <ul style="list-style-type: none"> <li>• this weeks call with participants from CM and BF</li> </ul> </li> <li>• #252</li> <li>• we might be able to onboard developers from DATAPREV from Brazil</li> </ul>	23.11.2023
249	Random Claim Sampling	I	<ul style="list-style-type: none"> <li>• HIB has requested support on Claim Random Sampling.</li> <li>• upload to github done, needs to be merged in legacy</li> <li>• need to be migrated to modular - difficult for HIB</li> <li>• deep dive after migration in NP was done</li> <li>• will be ready by the end of the month</li> <li>• will include new tasks feature</li> </ul>	07.12.2023
250	Performance test (Modular) on big data set	A	<ul style="list-style-type: none"> <li>• <a href="https://s2.openimis.org/front/home">https://s2.openimis.org/front/home</a></li> <li>• STPH released a script to development - doku needed</li> <li>• count performance #358</li> <li>• new issues in Nepal implementation</li> <li>• Soldevelo is doing a performance report</li> </ul>	21.12.2023

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25 2	Toumai Community		<ul style="list-style-type: none"> <li>Upcoming <ul style="list-style-type: none"> <li>November 1: Review of openMIS processes and implementation examples</li> <li>November 15: A database of documents and forms used by openMIS implementers</li> </ul> </li> <li>group: <a href="https://groups.google.com/g/openimis-toumai-">https://groups.google.com/g/openimis-toumai-</a></li> <li>new candidate has to be contracted</li> </ul>	14.09.2023
26 0	Documentati on management platform	D	<ul style="list-style-type: none"> <li>Need to develop an implementer's guiding document on the payment layer</li> <li>docs.openimis.org (ReadTheDocs)</li> <li>openMIS Docs</li> <li><a href="https://openimis.gitbook.io/installation-and-country-localization/">https://openimis.gitbook.io/installation-and-country-localization/</a> (GitBook)</li> <li>need to standardise &amp; improve module documentation (e.g. which repositories are involved?)</li> <li>topic in coordination desk team meeting</li> <li>#306</li> <li>make it a priority next semester</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3463315457/2022-11-17+Developers+Deep+Dive+Call">https://openimis.atlassian.net/wiki/spaces/OP/pages/3463315457/2022-11-17+Developers+Deep+Dive+Call</a></li> <li>was a topic in community meeting: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+for+mats+platforms+sustaining+and+sharing+knowledge">https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+for+mats+platforms+sustaining+and+sharing+knowledge</a></li> <li>New intern will work on test version in the wiki: <a href="https://openimis.atlassian.net/wiki/spaces/SB/pages/3622502401/openMIS+Documentation+readthedocs">https://openimis.atlassian.net/wiki/spaces/SB/pages/3622502401/openMIS+Documentation+readthedocs</a></li> <li>prototype in next deep dive</li> </ul>	11.01.2024
27 4	Default module configuration	A	<ul style="list-style-type: none"> <li>Add default configuration to DB for each module so implementers know what can be configured.</li> <li>could be done through migration script</li> <li>#288 Implementer documentation</li> <li>!!! Please update readme.md once you added another module configuration option !!!</li> </ul>	20.07.2023
28 4	offline mode (web)	I	<ul style="list-style-type: none"> <li>current version of extracting data for offline mode for web-app is not working</li> <li>nobody is using it, improve mobile apps instead</li> <li>need to communicate to implementers</li> <li>Ticket open to test the offline version for the Legacy <a href="https://openimis.atlassian.net/browse/OP-466">https://openimis.atlassian.net/browse/OP-466</a></li> <li>problem with vouchers - validation via USSD?</li> <li>to check if this can be done via the new mobile solution</li> <li># 343</li> </ul>	30.11.2023

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			<ul style="list-style-type: none"> <li>new FHIR version because of the mobile apps migration also provided the basis for ID management for off-line servers</li> </ul>	
288	Implementer documentation	D	<ul style="list-style-type: none"> <li>Should we add specific documentation for the implementers (not end user or installation) ?</li> <li>Explain the module configuration in details, start from new structure</li> <li>through tender 2?</li> <li>#306</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3575382022/Core+Module">https://openimis.atlassian.net/wiki/spaces/OP/pages/3575382022/Core+Module</a></li> <li>read.me files in github are not up to date for most modules e.g. configuration options</li> <li>localisation pages are only for the legacy version - need urgent updates</li> </ul>	21.12.2023
301	Split database user	A	<p>Consider splitting database user of the webapp and the more advanced user. Right now, the documentation says to create imisuser with db_creator role. The user also has the right to create backups and restore them. The legacy app allows admins to give a path like c:\openimis\foo and dump a file there. Or load the database from such a path. This is a big risk for security. Even if it is restricted to Admins, combined with another flaw, it might have very bad effects</p> <ul style="list-style-type: none"> <li>what was this about?</li> </ul>	03.03.2022
304	Django module from ol modules	A	<ul style="list-style-type: none"> <li>Add django modules from openimis modules</li> <li>this is not only about loading py modules, it needs to be part of the DJANGO_MODULE in the assembly settings.py</li> <li><a href="https://github.com/openimis/openimis-be_py/pull/162">https://github.com/openimis/openimis-be_py/pull/162</a></li> <li>done, waiting for integration, not in 2023-10</li> </ul>	28.09.2023
306	Documentation QA	A	<ul style="list-style-type: none"> <li>Consistent documentation</li> <li>Tasks: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022">https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022</a></li> <li>Wiki-structure: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft">https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft</a></li> <li>New focus on installation guide <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce">https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce</a></li> <li>documentation platform #260</li> <li>Harmonizing openIMIS descriptions -&gt; <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview">https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview</a></li> </ul>	21.09.2023

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			<ul style="list-style-type: none"> <li>List of Wiki maintenance tasks - <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance">https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance</a></li> <li>workshop in CM: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge">https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge</a></li> <li>Update on security measures: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security">https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security</a></li> </ul>	
316	The Gambia	A	<ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+Theme+Gambia">https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+Theme+Gambia</a></li> <li>ePayment integration for contribution payment</li> <li>Pilot started 12-Jul-2023</li> <li>Features asked: <ul style="list-style-type: none"> <li>idle log out #378</li> <li>claim number automatic generation -&gt; Nepal (with specific format) <a href="https://openimis.atlassian.net/browse/ONI-62">https://openimis.atlassian.net/browse/ONI-62</a></li> <li>activating/deactivating a user? #379</li> <li>decimal prices in product configuration? #380</li> </ul> </li> <li>Digital Convergence Initiative is interested to link up to the CRVS integration</li> </ul>	07.12.2023
317	Implementation in DRC	A	<ul style="list-style-type: none"> <li>Implementation kick-off</li> <li>one configuration issue being discussed (waiting period)</li> <li>next: migration to modular version</li> <li>issues with synchronisation of APIs &amp; mobile apps; claim submission (all rejected) - call with STPH</li> <li>testing on new 2023-10 Release can start with mobile apps</li> <li>met the ITC director of MoH DRC at GDHF - he will visit Kivu</li> </ul>	07.12.2023
321	Compatibility with other DB systems	I	<ul style="list-style-type: none"> <li>openIMIS is most likely not able to take over Support for non-PostgreSQL</li> <li>future releases: develop against PostgreSQL, migrate to MS-SQL or others if needed</li> <li>DB management done through Django from now on <ul style="list-style-type: none"> <li>will allow for easier DB migration without SQL scripts</li> </ul> </li> <li>Tinkersoft seems to have migrated to Oracle for SSF - any news? - Results were presented in the last deep dive</li> </ul>	12.10.2023
328	Sandbox	I	<ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape">https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape</a></li> </ul>	05.10.2023



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			<ul style="list-style-type: none"> <li>• default: postgres, additional option MSSQL on release server</li> <li>• MSSQL still required for the mobile App <ul style="list-style-type: none"> <li>◦ Demo -&gt; PSQL</li> <li>◦ Release -&gt; MSSQL + Mobile backend</li> </ul> </li> <li>• DHIS2 demo needed (just data no ETL) <ul style="list-style-type: none"> <li>◦ where are the resources from the HISP India project - especially data are needed</li> </ul> </li> <li>• there might be a new Tender for maintenance of the sandbox</li> <li>• will be harmonized with DCI sandboxing</li> </ul>	
33 2	PBF link	I	<p>BlueSquare is looking at the link between openIMIS and results based finance</p> <ul style="list-style-type: none"> <li>- in pilot phase</li> <li>- documentation will be shared later -&gt; wikipage</li> <li>- Cameroon project PoC not possible because HIV openIMIS instance is still Legacy. New contract is signed by STPH to migrate to modular and include this connection - removed from the project scope altogether</li> </ul>	05.10.2023
33 5	IHE profiles	A	<ul style="list-style-type: none"> <li>• Approach IHE to propose OpenHIE standards as IHE profile</li> <li>• board meeting last Tuesday - next milestone in March</li> <li>• next activity: look for IHE experts</li> <li>• pull in GIZ expert - will join next FISH call</li> <li>• new contact US Gravity project - they joined the last OpenHIE call</li> <li>• maybe through the WHO SMART guidelines</li> </ul>	21.12.2023
33 7	login case sensitivity		<ul style="list-style-type: none"> <li>• postgres is case sensitive for login names, mssql isn't</li> <li>• We can make it case insensitive but we have to be careful if people create a "admin" user when the actual one is Admin.</li> <li>• PR made, strange CI errors by "django-nose"</li> <li>• django-nose was removed and should not cause a problem any more</li> <li>• <a href="https://github.com/openimis/openimis-be-core_py/pull/193">https://github.com/openimis/openimis-be-core_py/pull/193</a></li> <li>• same problem for UIDs? to be confirmed as it could be a problem for APIs</li> </ul>	05.10.2023
33 9	Installation	A	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/2782232596/Server+config">https://openimis.atlassian.net/wiki/spaces/OP/pages/2782232596/Server+config</a></li> <li>• please do installation test whenever possible and document: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test">https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test</a></li> </ul>	11.01.2024
34 2	BI Architecture	I	<ul style="list-style-type: none"> <li>• Integrate elastic search or as part of an attached FHIR server <ul style="list-style-type: none"> <li>◦ indexation issue</li> </ul> </li> </ul>	07.12.2023



#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> <li>○ rebuild time</li> <li>○ needs a lot of Ram (in memory approach)</li> <li>● Metabase ? issue with weird OI db structure</li> <li>● <a href="https://github.com/openimis/openimis-be-dhis2_etl_py/blob/chad-indicator/dhis2_etl/services/adx-indicator.py#L362">https://github.com/openimis/openimis-be-dhis2_etl_py/blob/chad-indicator/dhis2_etl/services/adx-indicator.py#L362</a></li> <li>● Experimenting with Apache Doris as an aggregator</li> <li>● BAO system are working on an extractor suite for DHIS2</li> </ul>	
353	CORE MIS		<ul style="list-style-type: none"> <li>● <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3531407380/Project+2022.T3+CORE-MIS+Merger">https://openimis.atlassian.net/wiki/spaces/OP/pages/3531407380/Project+2022.T3+CORE-MIS+Merger</a></li> <li>● weekly deep dives every Tuesday at 15:00 CET</li> <li>● working on roadmap &amp; gap analysis</li> <li>● second sprint (11) started yesterday</li> </ul>	11.01.2024
354	Time quantity	A	<ul style="list-style-type: none"> <li>● for plan (enrolment and payment) but also for policy duration; a time quantity could be useful: How openIMIS should manage time quantity BE/FE (e.g. monthly, period ,...)</li> <li>● UCUM = FHIR standard for quantifying time <a href="https://ucum.org">https://ucum.org</a> <ul style="list-style-type: none"> <li>● incubator page:</li> </ul> </li> </ul>	11.01.2024
364	New enrollment/Enquiry App HIB	D	<ul style="list-style-type: none"> <li>● HIB has developed a new Mobile Application</li> <li>● Contracted Tinker Technology</li> <li>● Already in <a href="#">Play Store</a></li> <li>● can we integrate this into the main release?</li> <li>● github-repos?</li> <li>● demo session? in deep dive next year</li> </ul>	21.12.2023
366	SSF ERP NP		<ul style="list-style-type: none"> <li>● set up deep dive to discuss new features</li> </ul>	15.06.2023
370	Change way settings are loaded	A	<ul style="list-style-type: none"> <li>● <a href="https://github.com/openimis/openimis-be_py/pull/95/files">https://github.com/openimis/openimis-be_py/pull/95/files</a></li> <li>● useful to add scheduled tasks in settings eg. policy renewal</li> <li>● changes were done, checking on integration</li> </ul>	13.07.2023
375	Depreciation Workshop	A	<ul style="list-style-type: none"> <li>● we need an regular (e.g. annual) depreciation workshop to review obsolete functionalities and objects</li> <li>● part of developers workshop #208</li> </ul>	03.08.2023

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
37 6	Migration from CRA to Vite	A	<ul style="list-style-type: none"> <li>We need to migrate our frontend modules from CRA to Vite.</li> <li>This will be the first step for other updates (connected to #361). <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/edit-v2/3581542401">https://openimis.atlassian.net/wiki/spaces/OP/pages/edit-v2/3581542401</a></li> <li>first tests done - most work has to be done in the backend proxy code</li> <li><a href="https://openimis.atlassian.net/browse/OP-1372">https://openimis.atlassian.net/browse/OP-1372</a> - fulfill evergreen idea ticket</li> <li><a href="https://openimis.atlassian.net/browse/OP-1501">https://openimis.atlassian.net/browse/OP-1501</a> - vite migration epic</li> <li>work has started - targeting next release</li> </ul>	21.12.2023
38 5	Update mobile apps		<p>Claims:</p> <ul style="list-style-type: none"> <li>In testing</li> <li>not working out of the box</li> </ul> <p>Policies:</p> <ul style="list-style-type: none"> <li>policy app: <a href="https://github.com/openimis/policies_android_app_java/suites/18627739348/artifacts/1083068965">https://github.com/openimis/policies_android_app_java/suites/18627739348/artifacts/1083068965</a> - file in demoRelease/debug</li> <li>needs testing</li> </ul>	11.01.2024
38 9	Search particular object in history	A	<ul style="list-style-type: none"> <li>coming from the CORE-MIS project</li> <li>To be implemented for the businessHistoryModel</li> <li>needs more requirements gathering</li> </ul>	12.10.2023
39 2	Age limitations Cameroon	D	<ul style="list-style-type: none"> <li>How to check based on age.</li> <li>Under Product configuration?</li> <li>Contribution on Product Services/Items.</li> <li>starts next week- about to finish</li> <li>done - PR needs to be done</li> </ul>	11.01.2024
39 7	Matching Funds		<ul style="list-style-type: none"> <li>Seems no implementation is using this feature</li> <li>Impacts the performance on beneficiary management</li> <li>done - contribution is now in a separate table</li> <li>needs tickets for updating relevant features &amp; creating a migration script</li> </ul>	11.01.2024
39 9	Async Mutations		<ul style="list-style-type: none"> <li>The openIMIS mutations were made asynchronous from the start because of the slow response times reported but were actually an overengineering (easy to say after the facts)</li> <li>We added a system to link mutations to the created object, not used everywhere yet</li> <li>PolicyHolder is using a generic mutation system that doesn't use this system =&gt; annoying</li> <li>Options: <ul style="list-style-type: none"> <li>Try to support created id in the policyholder and elsewhere</li> <li>Add support for direct calls that respond synchronously</li> </ul> </li> </ul>	02.11.2023

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
40 5	Security and performance testing		<ul style="list-style-type: none"> <li>- <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3622109187/OWASP+Requiremnets">https://openimis.atlassian.net/wiki/spaces/OP/pages/3622109187/OWASP+Requiremnets</a></li> <li>- <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3622240259/OWASP+Compliance+Report">https://openimis.atlassian.net/wiki/spaces/OP/pages/3622240259/OWASP+Compliance+Report</a></li> <li>- penetration testing of 2023-10 as student contribution</li> </ul>	11.01.2024
40 6	Custom functionalities	A	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3633938447/Custom+openMIS+Functionalities">https://openimis.atlassian.net/wiki/spaces/OP/pages/3633938447/Custom+openMIS+Functionalities</a></li> <li>• how to make this more visible? e.g. part of project on-boarding</li> </ul>	21.12.2023
40 7	OpenLMIS Integration	I	<ul style="list-style-type: none"> <li>• Interest to be implemented in Cameroon in two phases: 1. implementation of OpenLMIS; 2. Integration OpenLMIS-openMIS</li> <li>• Waiting for contact from WHO</li> <li>• There is a small working group in DH-I on supply chain - will see how</li> </ul>	11.01.2024

**Deep Dive Topics (Please create a deep dive wiki page and keep minutes there):**

- 2024-01-18:
  - Secondary calendar (Soldevelo)
  - Enrollment App from Nepal (Purushottam-ji)
  - user manual prototype
- 2023-12-07:
- 2023-11-30: BI-Solution Overview Part 2
- 2023-11-23: Query performance workshop / tutorial
- 2023-11-16:
  - CORE-MIS technical presentation (SolDevelo)
- 2023-11-09:
  - BI-Solution Overview
- 2023-10-12:
  - Prepare Cameroonian topics (26.10)
  - Test results form Soldevlos code review
- 2023-10-05:
  - performance improvements (SolDevelo)
  - quality gate (SolDevelo)
- 2023-09-21:
  - Oracle migration in NP
- 2023-09-14:
  - CORE-MIS adapted modules
- 2023-09-07: (cancelled)
- 2023-08-31:
  - Calendar management
  - Enquiring performance
- 2023-08-24:
  - explanation of history model
- 2023-08-17:
  - DCI presentation of interoperability standards for CRVS interaction
- 2023-08-10: - cancelled
- 2023-08-03: - cancelled
- 2023-07-27: - cancelled
- 2023-07-20:
  - data model changes for CORE-MIS migration
  - approach for front-end testing

- 2023-07-13:
  - Server Side rendering (SolDevelo)
- 2023-07-06:
  - DHIS2 integration demo - Hiren/Patrick (Swiss TPH)
  - CORE-MIS - Integration - technical change log (SolDevelo)
- 2023-06-29: Change way settings are loaded #370
- 2023-06-22:
  - FHIR APIs for mobile APP
  - interoperability roadmap
  - GovStack Testing Harness
- 2023-05-25: Server Side Rendering
- 2023-04-20: Review technology to fulfil evergreen idea
- 2023-03-23: Discuss best practices for customising openIMIS without breaking the core
- new workflow engine / task engine
- anonymization in HIV scheme
- Multi scheme providers
- Kubernetes vs. Docker
- Payment Layer use-case
- Semantic versioning
- Mobile applications & API migration to modular
- Database compatibility
- OpenHIE Health Financing toward UHC - workflows
- Remodelling Products & Coverage (Benefit package):

<https://openimis.atlassian.net/wiki/spaces/OP/pages/3463577606/Product+refactoring>

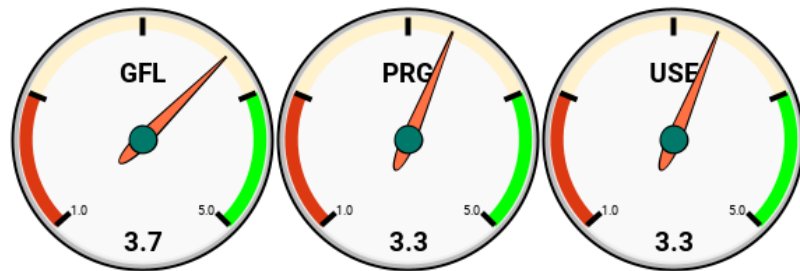
- New features from SSF Nepal

**Meeting evaluation:**

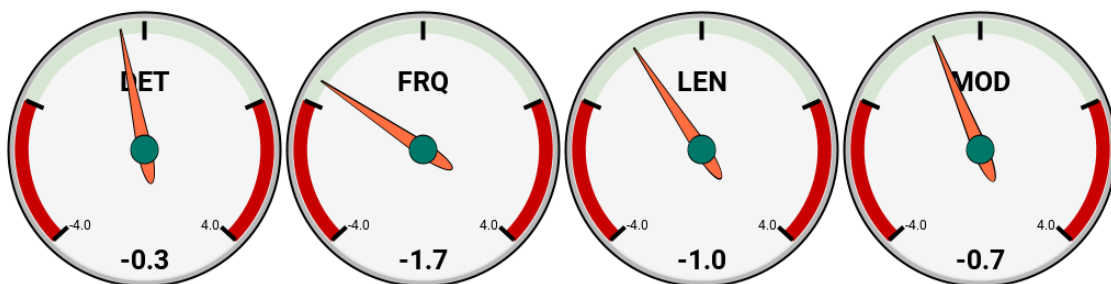
Records

3

Overall Mood



Event Parameters



**Legend:**

Overall mood (status):

GFL: General feeling about the meeting [very disappointed ... very glad]

PRG: General feeling about project progress (own project) [big trouble ... great success]

USE: Usefulness of the meeting (for own project) [not at all ... very much]

Event parameters of the meeting (XYZ needs to be ...):

DET: Degree of detail [more condensed ... more detailed]

FRQ: Frequency of the event [fewer ... more]

LEN: Length of the event [shorter ... longer]

MOD: Moderation [stricter ... more open]