



Title	Developers Committee Meeting		Date	2024-02-15
Location	https://meet.jit.si/openIMISDevelopers		Time	09:00 UTC
Meeting called by	openIMIS Initiative	Type of meeting	Weekly Call	
Facilitator	All	Note taker	All	
Distribution list	openimis-developers-committee@googlegroups.com; openimis-implementers-committee@googlegroups.com;			
Chat channel	https://discord.gg/khDqTDWUZV ,			

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
19	AGPL V3 License	W	<ul style="list-style-type: none"> http://www.apache.org/licenses/LICENSE-2.0 needed for the HTTP Client mobile app (Point 4 - Redistribution) new comment from the lawyer on copyleft - put it up on the wiki new task: analyse CORE-MIS dependencies signature with WB done for CORE-MIS part 	2024-02-01
105	List of modules	D	<ul style="list-style-type: none"> JLN: <ul style="list-style-type: none"> https://openimis.atlassian.net/wxwiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins Mapping openIMIS-JLN started: <ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping started restructuring of documentation #306 update of Tomai session needed: <ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+I+Assurance+maladie+L+approche+modulaire+-+15.03.2022 new graphical overview: <ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules Modular Architecture - <ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft finished, next steps: document modules need to integrate the CORE-MIS Module structure 	2024-02-01
127	Publish AAB/APK on Gplay	A	<ul style="list-style-type: none"> Policies Demo Mobile App on Google Play TZ policy app will be pushed to Google Play - in testing countrywide 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. point App to server with MS SQL 	09.02.2023

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> issue on Android 13? 	
135	Migration Support Nepal	A	<ul style="list-style-type: none"> Migration needs some adaptations first https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openMIS+for+Health+Insurance+Board+requirements+in+Nepal project page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal still need load testing - most issues resolved, waiting for hardware upgrade will be extended until end of March WS in second week of March 	2024-02-15
136	AI Project	A	<ul style="list-style-type: none"> openMIS AI-based Claim Adjudication GIZ internal presentation next month BMZ indicated interest in AI projects look at implementation scenarios in NP without dependency on the migration project 	2024-02-15
164	Roadmap	I	<ul style="list-style-type: none"> Old roadmap documents need updating e.g. for the new tender processes #167. https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap start writing up items for draft https://asiahealthinformationnetwork.org/aeahgm2023/presentations/ 	27.07.2023
176	Video tutorials	I	<ul style="list-style-type: none"> Translations to French language coming up: module configuration older installation video from NP new implementation video https://youtu.be/q12uO3OixOw request to have tutorial on step by step setup 	2024-02-15
190	Insuree self registration (general)	I	<ul style="list-style-type: none"> new integration to foresee with payment gateway, use case for the payment modules ? https://dev.s1.openimis.org/api/self_registration/temp_insuree_req/ ? Can Nepal devs support on OTP based via email? <ul style="list-style-type: none"> published in 23-04 Release without testing (no testcases) HIB wants to launch mid January 	2024-02-01
193	Client self management Mobile App in Nepal	I	<ul style="list-style-type: none"> New mobile app for enquiries under development https://github.com/tinkertechnology/ Refactor needed to adapt the code to the Main database model (it use Nepal specific fields) migration to FHIR https://github.com/openimis/mobile-self_registration_flutter not in 2023-10 - need to check DB changes for next release, STPH is checking for 2024-04 	2024-02-15

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> new features planned 	
204	Students	A	<ul style="list-style-type: none"> Can we recruit students for a thesis? Page to be created with possible thesis topics new connection GMDS - to build networks in health informatics - new working group officially approved - #405 - Indian students? 	2024-02-15
208	Developer Workshop	D	<ul style="list-style-type: none"> Rather later in person (Nepal) Preferences: Thailand, Kenya, Turkey 	2024-02-01
223	Testing Scenarios	D	<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview test cases needed for Nepal contributions (portal etc) need to generate a new unit test case for each new graphql query (developer) need to generate a new unit test case per bug (developer) all tests (including integration test from CORS-MIS) will be done on testlink (summary-) report on test results after each test cycle 	2024-02-15
230	Security auditing	D	<ul style="list-style-type: none"> new project: https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022 summarising security activities in the wiki: https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security Master's thesis will be done on penetration testing of the last release 	2024-02-15
246	International Developers	A	<ul style="list-style-type: none"> How do we make the community compatible with other language groups at all levels? developers coffee table session (e.g. once in two weeks/ one per month) - same timeslot as gumzo <ul style="list-style-type: none"> this weeks call with participants from CM and BF #252 we might be able to onboard developers from DATAPREV from Brazil - they will start in an implementation project in Haiti 	25.01.2024
249	Random Claim Sampling	I	<ul style="list-style-type: none"> HIB has requested support on Claim Random Sampling. need to be migrated to modular - difficult for HIB deep dive after migration in NP was done will be ready by the end of the month will include new tasks feature 	2024-02-15
250	Performance test	A	<ul style="list-style-type: none"> https://s2.openimis.org/front/home STPH released a script to development - doku needed count performance #358 	2024-02-15

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
	(Modular) on big data set		<ul style="list-style-type: none"> new issues in Nepal implementation Soldevelo is doing a performance report: <ul style="list-style-type: none"> -> Sandboxing Performance report prepared by SolDevelo Cameroon is also seeing issues 	
252	Toumai Community		<ul style="list-style-type: none"> Upcoming <ul style="list-style-type: none"> November 1: Review of openIMIS processes and implementation examples November 15: A database of documents and forms used by openIMIS implementers group: https://groups.google.com/g/openimis-toumai- new position advertised GIZ internally 	2024-02-15
260	Documentation management platform	D	<ul style="list-style-type: none"> Need to develop an implementer's guiding document on the payment layer need to standardise & improve module documentation (e.g. which repositories are involved?) #306 all content migrated, kindly help with formatting issues: https://openimis.atlassian.net/wiki/spaces/SB/pages/3624730627/Migration+Tasks+for+User+Manual 	2024-02-15
284	offline mode (web)	I	<ul style="list-style-type: none"> current version of extracting data for offline mode for web-app is not working nobody is using it, improve mobile apps instead need to communicate to implementers Ticket open to test the offline version for the Legacy https://openimis.atlassian.net/browse/OP-466 problem with vouchers - validation via USSD? to check if this can be done via the new mobile solution 	30.11.2023
288	Implementer documentation	D	<ul style="list-style-type: none"> Should we add specific documentation for the implementers (not end user or installation) ? Explain the module configuration in details, start from new structure through sandbox tender? #306 https://openimis.atlassian.net/wiki/spaces/OP/pages/3575382022/Core+Module read.me files in github are not up to date for most modules e.g. configuration options localisation pages are only for the legacy version - need urgent updates 	2024-02-15
304	Django module from old modules	A	<ul style="list-style-type: none"> Add django modules from openimis modules this is not only about loading py modules, it needs to be part of the DJANGO_MODULE in the assembly settings.py 	2024-02-15

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> • https://github.com/openimis/openimis-be_py/pull/162 • done, waiting for integration, planned fo 2024-04 	
306	Documentati on QA	A	<ul style="list-style-type: none"> • Consistent documentation • Tasks: https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022 • Wiki-structure: https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft • List of Wiki maintenance tasks - https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance • Update on security measures: https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security 	18.04.2024
316	The Gambia	A	<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+The+Gambia • ePayment integration for contribution payment • Pilot started 12-Jul-2023 • Features asked: <ul style="list-style-type: none"> ○ idle log out #378 ○ claim number automatic generation -> Nepal (with specific format) https://openimis.atlassian.net/browse/ONI-62 ○ activating/deactivating a user? #379 ○ decimal prices in product configuration? #380 • Digital Convergence Initiative is interested to link up to the CRVS integration 	07.12.2023
328	Sandbox	I	<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape • default: postgres, additional option MSSQL on release server • MSSQL still required for the mobile App <ul style="list-style-type: none"> ○ Demo -> PSQL ○ Release -> MSSQL + Mobile backend • DHIS2 demo needed (just data no ETL) <ul style="list-style-type: none"> ○ where are the resources from the HISP India project - especially data are needed • there might be a new Tender for maintenance of the sandbox • will be harmonized with DCI sandboxing 	05.10.2023
335	IHE profiles	A	<ul style="list-style-type: none"> • Approach IHE to propose OpenHIE standards as IHE profile • board meeting last Tuesday - next milestone in March 	2024-02-15

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> • next activity: look for IHE experts • pull in GIZ expert - will join next FISh call • new contact US Gravity project - they joined the last OpenHIE call • maybe through the WHO SMART guidelines • we were accepted by IHE 	
339	Installation	A	<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/2782232596/Server+config • please do installation test whenever possible and document: https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test • Intern managed to install 2023-10 on Ubuntu VM • successfully installed on a Apple AMD computer without the Lightning Add On 	2024-02-01
342	BI Architecture	I	<ul style="list-style-type: none"> • Integrate elastic search or as part of an attached FHIR server <ul style="list-style-type: none"> ◦ indexation issue ◦ rebuild time ◦ needs a lot of Ram (in memory approach) • Metabase ? issue with weird OI db structure • https://github.com/openimis/openimis-be-dhis2_etl_py/blob/chad-indicator/dhis2_etl/services/adx-indicator.py#L362 • Experimenting with Apache Doris as an aggregator • open-search looks like a good alternative 	25.01.2024
353	CORE MIS		<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3682566145 • weekly deep dives every Tuesday at 15:00 CET • second sprint (11) ongoing - mostly deduplication • development until end of February will focus on a very essential business flow along the delivery chain 	2024-02-15
364	New enrollment/Enquiry App HIB	D	<ul style="list-style-type: none"> • HIB has developed a new Mobile Application • Contracted Tinker Technology • Already in Play Store • can we integrate this into the main release? • github-repos? • demo session? in deep dive next year 	2024-02-01
366	SSF ERP NP		<ul style="list-style-type: none"> • set up deep dive to discuss new features • still wanting to do so 	2024-02-01
370	Change way settings are loaded	A	<ul style="list-style-type: none"> • https://github.com/openimis/openimis-be_py/pull/95/files • useful to add scheduled tasks in settings eg. policy renewal • changes were done, checking on integration • in standby until all CI issues are fixed 	25.01.2024

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
375	Depreciation	A	<ul style="list-style-type: none"> we need an regular (e.g. annual) depreciation workshop to review obsolete functionalities and objects part of developers workshop #208 let's start with a wiki page on proposed depreciation cases: 	2024-02-08
376	Migration from CRA to Vite	A	<ul style="list-style-type: none"> We need to migrate our frontend modules from CRA to Vite. This will be the first step for other updates (connected to #361). https://openimis.atlassian.net/wiki/spaces/OP/pages/edit-v2/3581542401 first tests done - most work has to be done in the backend proxy code https://openimis.atlassian.net/browse/OP-1372 - fullfill evergreen idea ticket https://openimis.atlassian.net/browse/OP-1501 - vite migration epic work has started - targeting R2024-10 	25.01.2024
385	Update mobile apps		<p>Claims:</p> <ul style="list-style-type: none"> In testing not working out of the box <p>Policies:</p> <ul style="list-style-type: none"> policy app: https://github.com/openimis/policies_android_app_java/suites/18627739348/artifacts/1083068965 - file in demoRelease/debug testing brought up major problems news some follow up in detail 	2024-02-08
392	Age limitations Cameroon	D	<ul style="list-style-type: none"> How to check based on age. Under Product configuration? Contribution on Product Services/Items. starts next week- about to finish done - PR done 	2024-02-15
399	Async Mutations		<ul style="list-style-type: none"> 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) We added a system to link mutations to the created object, not used everywhere yet PolicyHolder is using a generic mutation system that doesn't use this system => annoying Options: <ul style="list-style-type: none"> Try to support created id in the policyholder and elsewhere Add support for direct calls that respond synchronously 	02.11.2023
405	Security and performance testing		- https://openimis.atlassian.net/wiki/spaces/OP/pages/3622109187/OWASP+Requiremnets	2024-02-01

#	Item		Discussion	Date
A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
			<ul style="list-style-type: none"> - https://openimis.atlassian.net/wiki/spaces/OP/pages/3622240259/OWASP+Compliance+Report - penetration testing of 2023-10 as student contribution - start: 2024-02-01 	
407	OpenLMIS Integration	I	<ul style="list-style-type: none"> ● Interest to be implemented in Cameroon in two phases: 1. implementation of OpenLMIS; 2. Integration OpenLMIS-openIMIS ● Waiting for contact from WHO ● There is a small working group in DH-I on supply chain - will see how 	11.01.2024
409	C4GT	I	<ul style="list-style-type: none"> ● “Indian Summer of Code”: https://www.codeforgovtech.in/ ● create incubator page ala Google Summer of Code: 	2024-02-15
410	HCX	I	<ul style="list-style-type: none"> ● Indian Claims Exchange standard ● https://swasth Alliance.org/health-claims-exchange.html ● invite for next OpenHIE call 	2024-02-01
411	.github	I	<ul style="list-style-type: none"> ● front-page ● discussion forum ● https://docs.github.com/en/organizations/collaborating-with-groups-in-organizations/customizing-your-organizations-profile#adding-a-public-organization-profile-readme 	2024-02-15
412	GSOC&Docs		<ul style="list-style-type: none"> ● need to register - who manages the openIMIS Organisation account? 	2024-02-15
414	Claim Attachment Type		<ul style="list-style-type: none"> ● What should be done about claim attachment type? (currently any type can be entered) ● can it become a drop-down field? 	2024-02-15

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

- Enrollment App from Nepal (Purushottam-ji)
- 2024-02-29:
 - Claim Code Autogeneration
 - Claim Attachments
- 2024-02-22:
 - Formal Sector Modules
- 2024-02-15:
 - Soldevelo: secondary calendars
- 2024-02-08: Kobo Toolbox integration example from Cameroon
- 2024-01-18:
 - Workshop logistics
- 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>

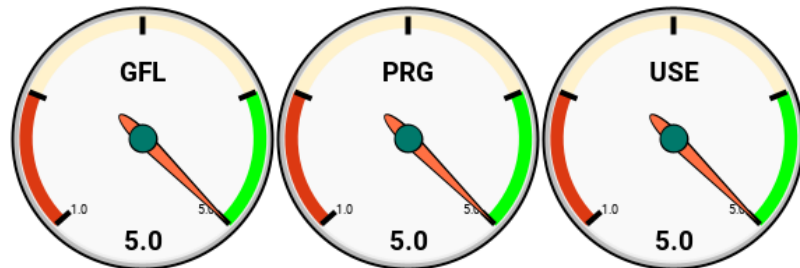
- New features from SSF Nepal

Meeting evaluation:

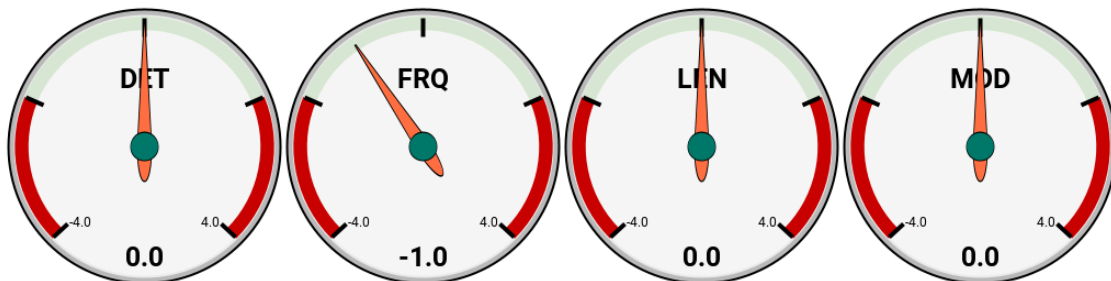
Records

1

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]