



Title	Developers Committee Meeting		Date	2024-04-18
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	A	<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 	2024-04-04
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

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			<ul style="list-style-type: none"> issue on Android 13? 	
135	Migration Support Nepal	A	<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3460562945/Customize+and+setup+the+modular+version+of+openIMIS+for+Health+Insurance+Board+requirements+in+Nepal project page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal STPH ended in March, TinkerTech still on board to add new features to the modular version waiting for production servers 	2024-04-04
136	AI Project	A	<ul style="list-style-type: none"> openIMIS 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 GIZ internal presentation last week - was well received 	2024-03-21
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://asiaehealthinformationnetwork.org/aein-gm2023/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_reg/ ? 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 next week (13.04 - NP new year) 	2024-04-18
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 	2024-02-29

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			<ul style="list-style-type: none"> • https://github.com/openimis/mobile-self_registration_flutter • not in 2023-10 - need to check DB changes for next release, STPH is checking for 2024-10 • 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 	2024-03-28
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 CORE-MIS) will be done on testlink • CORE-MIS test cases are available for development and release server • Worldbank is experiencing problems on the release server: menus & tasks missing • Quick fix: add Individuals & Groups to Social Protection • suggestions from Nepal discussed 	2024-04-11
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 on penetration testing of the last release finished testing • additional pen-test was done by SolDevelo against develop server • set up calls from next week on 	2024-04-18
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 	2024-04-18

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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 	2024-03-28
250	Performance test (Modular) on big data set	A	<ul style="list-style-type: none"> https://s2.openimis.org/front/home STPH released a script to development - doku needed count performance #358 new issues in Nepal implementation -> Sandboxing Cameroon is also seeing issues 	2024-03-28
252	Toumai Community		<ul style="list-style-type: none"> group: https://groups.google.com/g/openimis-toumai- new position hired GIZ internally - not a french speaker 	2024-04-18
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 formatting almost finished -will move to KB until UAT starts freeze (copy) of the R23-10 version will be kept for references 	2024-03-28
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 move installation manual to the knowledgebase and migrate legacy version there 	2024-04-04
304	Django module from ol 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 	2024-04-18

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			<ul style="list-style-type: none"> • https://github.com/openimis/openimis-be_py/pull/162 • done, waiting for integration, planned for 2024-10 	
306	Documentation QA	A	<ul style="list-style-type: none"> • Consistent documentation • Tasks: <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3276505089/Documentation+QA+Activities+2022 • Wiki-structure: <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3290923009/Wiki+Target+Structure+Draft • List of Wiki maintenance tasks - <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance • Update on security measures: <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security • Implementers are reviewing capacity development material • user manuals still need to go to the knowledge base 	2024-04-04
316	The Gambia	A	<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3477110785/Project%3A+Customization+Theme+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) <ul style="list-style-type: none"> • 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 • project is done, looking at webinars 	2024-04-04
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 • new Tender for maintenance of the sandbox WIP • will be harmonized with DCI sandboxing 	2024-03-07

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335	IHE profiles	A	<ul style="list-style-type: none"> Approach IHE to propose OpenHIE standards as IHE profile we were accepted by IHE - bi-weekly call ongoing IHE/ITI.Finance: Finance and Insurance workflows 1:XX Finance and Insurance Service - Finance and Insurance Service (FAIS) v0.0.1-current 	2024-04-18
339	Installation Test	A	<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3220930578/Release+openIMIS please do installation test whenever possible and document: https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test 	2024-04-18
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 presentation accepted for DHIS2 conference in Oslo 	2024-03-28
353	CORE MIS		<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3682566145 sprint 16 starting including the grievance module etc. all test cases set up in testlink testing expected to finish today 	2024-04-18
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 - will be availed this week demo session? in deep dive this year 	2024-03-28
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 	2024-04-04

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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 - fulfill 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 needs some follow up in detail 	2024-04-04
399	Async Mutations		<ul style="list-style-type: none"> still differences seen, needs further investigation for practical work async mode needs to be activated (already done in most production servers), but developers are requested to do indepth testing logs are fragmented now 	2024-04-18
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 	2024-03-28
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: UX review proposed by C4GT proposed Treemouse for mentoring UX evaluation it seems like no-one applied and the deadline is over need to send a mail to apologise 	2024-04-04
410	HCX	I	<ul style="list-style-type: none"> Indian Claims Exchange standard https://swasthalliance.org/health-claims-exchange.html invite for next OpenHIE call are they still operating 	2024-02-22

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			<ul style="list-style-type: none"> will be followed up by OpenHIE 	
412	GSOC&Docs		<ul style="list-style-type: none"> need to register - who manages the openIMIS Organisation account?-> STPH need to include that into openIMIS accounts list missed deadline for GSODocs still need the credentials for the openIMIS account difficult to find someone to prepare this 	2024-03-28
415	Save Button	D	<ul style="list-style-type: none"> feed back from Sao Tome: save button looks like the normal download button comes from material ui: https://mui.com/material-ui/material-icons/?query=save easy change in one place of the UI ask implementers 	2024-03-07
415	Digital Square RFA	I	<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3745251329/Digital+Square+RFA+%232024-012 closed: 2 proposals so far: STPH, SolDevelo not selected 	2024-04-18
416	Horizon EU	I	<ul style="list-style-type: none"> https://openimis.atlassian.net/wiki/spaces/OP/pages/3705405441/Horizon+Europe+Framework+Programme Round 1 closed 	2024-04-18
417	Performance tweaks	A	<ul style="list-style-type: none"> some perf tweak: <ul style="list-style-type: none"> set up async on core module workers (simple change in docker compose) stop sending query (Done) [TDC, switch to simple django graphene connection manager] → count (async or on demand) Performance submit & Process (not done) Soldevelo: https://openimis.atlassian.net/wiki/spaces/OP/pages/3631054849/Release+23.10+Performance+Testing 	2024-03-07
419	Discussion Forum	D	<ul style="list-style-type: none"> Need to review communication platforms: https://openimis.atlassian.net/wiki/spaces/OP/pages/3747282945/2024-03-07+Developers+Deep+Dive+Call how does the limitation in the free Discord license affect the forum? 	2024-03-28
420	Grievance	I	<ul style="list-style-type: none"> Can we already use the Grievance Module in teh CORE-MIS project? working on copy from The Gambia 	2024-04-18
421	InnoFund	I	<ul style="list-style-type: none"> GIZ NP&CM won a 20k funding for CRVS integration 	2024-04-04
422	Traefik	D	<ul style="list-style-type: none"> Should we use Traefik for routing / reverse proxy? 	2024-04-04

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		<ul style="list-style-type: none"> • discuss in deep dive 	

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

- Enrollment App from Nepal (Purushottam-ji)
- Claim Code Autogeneration
- Claim Attachments
- 2024-05-16:
 - Formal Sector
- 2024-04-18:
 - Traefik
- 2024-03-28:
- 2024-03-14:
 - Asynchronous mutations
 - Narrative for Release Notes for R2024-04
- 2024-03-07:
 - discussion forum (google forum, discord, slack, GitHub Discussion, Discourse, WhatsApp)
- 2024-02-29:
 - Feed-back from Sao Tome on Save button
 - FHIR API
 - Security monitoring
- 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>

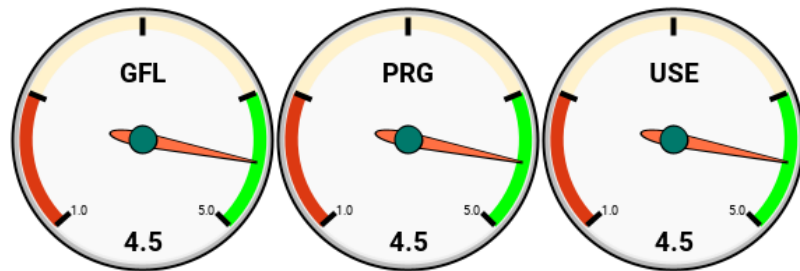
- New features from SSF Nepal

Meeting evaluation:

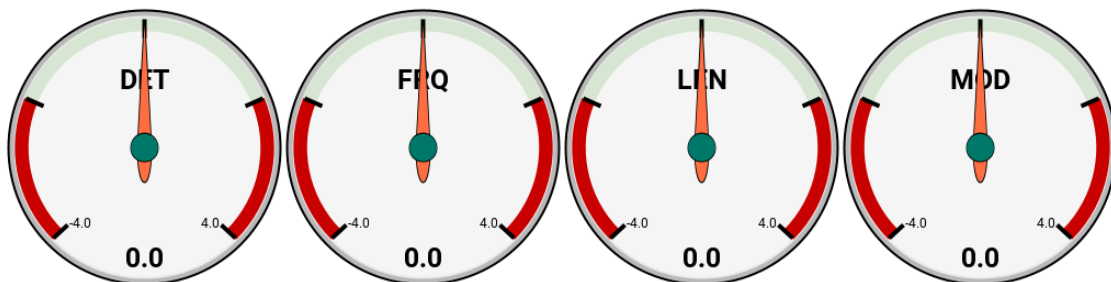
Records

4

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]