



Title	Developers Committee Meeting		Date	23.11.2023
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 final stages of signatures with WB are about to be done 	16.11.2023
59	DHIS2 Integration	I	<ul style="list-style-type: none"> Demo DHIS2: https://dhis2etl.s1.openimis.org (can be linked to Demo-data) Dataset could be used instead of program https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset to be checked: Program Dataset Connector (PDAC) review alternate BI architecture #341 Bluesquare's data scripts are ready, will start data upload into HISP India dashboard example of cubes with aggregate data from develop.openimis.org: https://github.com/openimis/openimis-be-dhis2_etl_py/blob/develop/dhis2_etl/services/adx/cubes.py working on ci integration merged to develop branch installation test done by BlueSquare failed DHIS2 versions requested are rather old 	16.11.2023
105	List of modules	D	<ul style="list-style-type: none"> JLN: https://openimis.atlassian.net/wxiki/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: https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping started restructuring of documentation #306 update of Tomai session needed: https://openimis.atlassian.net/wiki/spaces/OP/pages/3280240641/Webinar+openIMIS+pour+l+Assurance+maladie+l+approche+modulaire+-+15.03.2022 new graphical overview: https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Modules 	05.10.2023

			<ul style="list-style-type: none"> Modular Architecture - https://openimis.atlassian.net/wiki/spaces/OP/pages/3376152582/Modular+Architecture+Draft finished, next steps: document modules need to integrated the CORE-MIS Module structure 	
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 issue on Android 13? 	09.02.2023
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+openIMIS+for+Health+Insurance+Board+requirements+in+Nepal project page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144065/Project+Modular+Migration+Nepal issue with Nepal calendar - compare DHIS2 solution: https://ui.dhis2.nu/components/calendar/#nepali-calendar hand over workshop planned for 2023-12-16 performance issues with some Django generated queries 	09.11.2023
136	AI Project	A	<ul style="list-style-type: none"> openIMIS AI-based Claim Adjudication presentation in an internal ISSA webinar (170 participants) working on random test data items & services work well Nepal student interested in thesis, might not get approval to use the NP data presentation was done at AEHIN - interest for the AI module as standalone was expressed by several countries: 	23.11.2023
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/aeHINGM2023/presentations/ 	27.07.2023
176	Video tutorials	I	<ul style="list-style-type: none"> Session 1 - openIMIS Legacy Web Application Session 2 - openIMIS Legacy Web Application Localization New release: Docker installation tutorial - needs to be added to playlist (needs to be public in YT) Update playlists Translations to French language 	02.11.2023

			<ul style="list-style-type: none"> • 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 	
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) • new developments in planning • Congo BR has a need to implement a self-registration of insurees and to report their employment (in case the employer didn't do it on their end) - not yet technically possible - will come later 	23.11.2023
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 	28.09.2023
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 	28.09.2023
208	Developer Workshop	D	<ul style="list-style-type: none"> • What about a Dev Workshop in January? Rather later in person (Nepal) • Intermediate sessions as needed (Kickoff for new T3 project: 04.01.) • Preferences: Thailand, Kenya, Turkey • issue was raised during community meeting in CM • waiting for contracts to be signed (CORE-MIS & Maintenance) • Looking at January 	23.11.2023
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) • Installation tests to be listed here: https://openimis.atlassian.net/wiki/spaces/OP/pages/3001057322/4.+Installation+test <ul style="list-style-type: none"> • Example for installation test: https://openimis.atlassian.net/wiki/spaces/OP/pages/3470196759/Test+Install+openIMIS+on+Windows+10+Windows+11+with+Docker+Desktop • For important business that need to be covered by test cases, please contact Hiren/SwissTPH • KeHIA was onboarded into testing procedures 	09.11.2023

			<ul style="list-style-type: none"> • create test cases for the last migrated features (reports, ...) • need documentation of previous testing activities • need to review test cases • 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) 	
230	Security auditing	D	<ul style="list-style-type: none"> • new project: https://openimis.atlassian.net/wiki/spaces/OP/pages/3365076993/Project+Security+2022 • Do we need CSRF token on graphql ? should they be bound to some mutation ? <ul style="list-style-type: none"> ○ https://portswigger.net/web-security/csrf/preventing (for traditional HTML pages) ○ https://checkmarx.com/blog/whats-old-becomes-new-again-csrf-attacks-on-graphql-apis/ (for graphql APIs) • security advisors from PATH advise to NOT publish security guidelines • summarising security activities in the wiki: https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security • new security requirements to be included in any future GIZ tender • GIZ HQ also offers penetration testing services • Soldevelo code testing: https://openimis.atlassian.net/wiki/spaces/OP/pages/3590291529/2022-08+Code+Review 	26.10.2023
239	GovStack	A	<ul style="list-style-type: none"> • openIMIS Integration: https://docs.google.com/presentation/d/1Izh5FQlqgmVkk7KU0ui8ETVaFawfsT-DF08Zql6G-mU/edit#slide=id.p1 • https://govstack-global.atlassian.net/wiki/spaces/GH/overview • compliance evaluation for openimis started: https://govstack-global.atlassian.net/wiki/spaces/GH/pages/172818480/Compliance+Evaluation+openIMIS • Postman project shared with GovStack • GOvStack testing harness for openIMIS starts with SolDevelo - results were not very good • Soldevelo finished the work on GovStack adapters for openIMIS • why is openIMIS not in the GovStack sandbox yet? Nico is following up with SolDevelo • sandbox team found openIMIS adapters 	26.10.2023
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 	23.11.2023

24 9	Random Claim Sampling	I	<ul style="list-style-type: none"> • HIB has requested support on Claim Random Sampling. • upload to github done, needs to be merged in legacy • 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 	26.10.2023
25 0	Performance test (Modular) on big data set	A	<ul style="list-style-type: none"> • https://s2.openimis.org/front/home • can it be further anonymized for use as demo data set • needs to be extended to the PostgreSQL version • migration script from existing MSSQL DB • automatically create data set - functionality already in openIMIS - script from BISq is available (https://openimis.atlassian.net/wiki/spaces/OP/pages/3511418884/Data+generation) <ul style="list-style-type: none"> ○ function not found error -> needs to pull from develop branch • STPH released a script to development - doku needed • count performance #358 • new issues in Nepal implementation 	09.11.2023
25 2	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 candidate has to be contracted 	14.09.2023
26 0	Documentation management platform	D	<ul style="list-style-type: none"> • Need to develop an implementer's guiding document on the payment layer • docs.openimis.org (ReadTheDocs) • openIMIS Docs • https://openimis.gitbook.io/installation-and-country-localization/ (GitBook) • need to standardise & improve module documentation (e.g. which repositories are involved?) • topic in coordination desk team meeting • #306 • make it a priority next semester • https://openimis.atlassian.net/wiki/spaces/OP/pages/3463315457/2022-11-17+Developers+Deep+Dive+Call • was a topic in community meeting: https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge • New intern will work on test version in the wiki: https://openimis.atlassian.net/wiki/spaces/SB/pages/3622502401/openIMIS+Documentation+readthedocs 	16.11.2023
27 4	Default module configuration	A	<ul style="list-style-type: none"> • Add default configuration to DB for each module so implementers know what can be configured. • could be done through migration script • #288 Implementer documentation • !!! Please update readme.md once you added another module configuration option !!! 	20.07.2023

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 ● # 343 	09.02.2023
286	Mauritania Implementation	I	<ul style="list-style-type: none"> ● https://openimis.atlassian.net/wiki/spaces/OP/pages/3533144081/Project+Customization+Mauretania ● Checking customizations in claim and enrollment like Arabic name fields ● enhancements needed ● final devs 	02.11.2023
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 tender 2? ● #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 	09.11.2023
295	OpenMRS/BAHMNI FHIR	I	<ul style="list-style-type: none"> ● openMRS/BAHMNI FHIR needs to be updated to FHIR4 - workload and funds (Notice F2?)? (FHIR3 still works, though) ● Global OpenMRS packages still on FHIR3 - work in progress to migrate ● synchronise with Possible Health implementation ● FHIR4: there were updates in the BAHMNI packages ● FHIR5: #320 ● installation scripts from 2019 are difficult and specific the Possible Health Project ● FHIR update to FHIR4 in OpenMRS done, but no claims ● Presentation to be held by GIZ NP in Sydney (MedInfo) - cancelled 	02.11.2023
296	Cameroon Voucher Scheme	I	<ul style="list-style-type: none"> ● https://openimis.atlassian.net/wiki/spaces/OP/pages/3472621589/Project%3A+Customization+Cameroon ● integration to main branch needed (PR needs to be fixed) ● the old instance will be stopped end of november 	09.11.2023
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>	03.03.2022

			<ul style="list-style-type: none"> • what was this about? 	
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 • https://github.com/openimis/openimis-be_py/pull/162 • done, waiting for integration, not in 2023-10 	28.09.2023
306	Documentation on 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 • New focus on installation guide <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce • documentation platform #260 • Harmonizing openIMIS descriptions -> <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview • List of Wiki maintenance tasks - <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance • workshop in CM: <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platform+s+sustaining+and+sharing+knowledge • Update on security measures: <ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security 	21.09.2023
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) <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 	05.10.2023
317	Implementation in DRC	A	<ul style="list-style-type: none"> • Implementation kick-off • one configuration issue being discussed (waiting period) • next: migration to modular version • issues with synchronisation of APIs & mobile apps; claim submission (all rejected) - call with STPH • testing on new 2023-10 Release can start with mobile apps 	23.11.2023

32 1	Compatibility with other DB systems	I	<ul style="list-style-type: none"> ● openIMIS is most likely not able to take over Support for non-PostgreSQL ● future releases: develop against PostgreSQL, migrate to MS-SQL or others if needed ● DB management done through Django from now on <ul style="list-style-type: none"> ○ will allow for easier DB migration without SQL scripts ● Tinkersoft seems to have migrated to Oracle for SSF - any news? - Results were presented in the last deep dive 	12.10.2023
32 8	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
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"> - in pilot phase - documentation will be shared later -> wikipage - 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 	05.10.2023
33 5	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 ● 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 	10.08.2023
33 7	login case sensitivity		<ul style="list-style-type: none"> ● postgres is case sensitive for login names, mssql isn't ● We can make it case insensitive but we have to be careful if people create a "admin" user when the actual one is Admin. ● PR made, strange CI errors by "django-nose" ● django-nose was removed and should not cause a problem any more ● https://github.com/openimis/openimis-be-core_py/pull/193 ● same problem for UIDs? to be confirmed as it could be a problem for APIs 	05.10.2023
33 9	Installation	A	<ul style="list-style-type: none"> ● rework of the docker <ul style="list-style-type: none"> ● Move to docker 3 ● merge dist_dkr be assembly ● Changes need to be tested on standard platforms (linux) and windows and documented in Installation Guide 	26.10.2023

			<ul style="list-style-type: none"> ● Implications of having the docker compose versioned in be assembly need to be considered ● option for additional cloud init file: https://openimis.atlassian.net/wiki/spaces/OP/pages/3510730757/deploying+with+docker+and+cloud-init ● Installation script from NP: ● change docker compose to create images via npm ● 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 	
34 2	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 ● CORE-MIS migration integrated openSearch & openDashboards ● Another deep dive on 09.11 	26.10.2023
35 3	CORE MIS		<ul style="list-style-type: none"> ● https://openimis.atlassian.net/wiki/spaces/OP/pages/3531407380/Project+2022.T3+CORE-MIS+Merger ● weekly deep dives every Tuesday at 15:00 CET ● need to better harmonise new features / processes / structures with existing ones ● strategy for next migration project: https://openimis.atlassian.net/wiki/spaces/OP/pages/3586981889/Next+steps+in+CORE-MIS+Migration ● new tender planned ASAP ● working on openSearch report proof of concept ● need to do some harmonisation discussions ● Soldevelo has closed development work, but will keep up critical bug fixing ● technical deep dive on 19.10 ● show casing for implementer 25.10 	26.10.2023
35 4	Time quantity	A	<ul style="list-style-type: none"> ● 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 ,...) ● UCUM = FHIR standard for quantifying time https://ucum.org 	20.07.2023
36 4	New enrollment/E nquiry 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 07-12 	23.11.2023

366	SSF ERP NP		<ul style="list-style-type: none"> ● set up deep dive to discuss new features 	15.06.2023
370	Change way settings are loaded	A	https://github.com/openimis/openimis-be_py/pull/95/files <ul style="list-style-type: none"> ● useful to add scheduled tasks in settings eg. policy renewal ● changes were done, checking on integration 	13.07.2023
375	Depreciation Workshop	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 	03.08.2023
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 - full evergreen idea ticket ● https://openimis.atlassian.net/browse/OP-1501 - vite migration epic 	10.08.2023
378	idle page log out	D	<ul style="list-style-type: none"> ● request from Gambia #316 ● also needed in Nepal ● first version with static log-out time ● waiting for better definition ● need to create PR ● wiki page to be created 	09.11.2023
379	deactivate user	D	<ul style="list-style-type: none"> ● deactivate inactive users ● request from Gambia #316 ● also needed in Nepal 	12.10.2023
385	Update mobile apps		<p>Claims:</p> <ul style="list-style-type: none"> ● In testing <p>Policies:</p> <ul style="list-style-type: none"> ● like the claims app, we will have to do a mix of FHIR/GraphQL to deal with what is missing from FHIR ● Feedback requests are bugged since this PR - https://github.com/openimis/openimis-be-claim_py/pull/63/files ● Error in FHIR payload: "asesment" https://fhir.openimis.org/CodeSystem-feedback-payload.html ● SOAP calls that are no longer used <p>PRs created - will still be included in the release tried merge, but ran into conflicts - fixed, in testing https://openimis.atlassian.net/browse/OP-1602 - issues Cameroon</p>	23.11.2023
387	Formal sector	A	<ul style="list-style-type: none"> ● Some issues were found by Bluesquare while testing the formal sector modules ● New PRs from Bluesquare. User documentation on how FS is working. ● User Documentation 	02.11.2023

			<ul style="list-style-type: none"> • Payment component to be reworked. • bug fixing in progress • payment entity to be upgraded to invoice 	
389	Search particular object in history	A	<ul style="list-style-type: none"> • coming from the CORE-MIS project • To be implemented for the businessHistoryModel • needs more requirements gathering 	12.10.2023
391	GDHF	D	<ul style="list-style-type: none"> • Swiss TPH proposed the UHC use case from Cameroon. - accepted 6.12. • KeHia - accepted 5.12. - might need to be online or handed over the session to GIZ • GIZ - rejected 	23.11.2023
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. 	31.08.2023
394	openIMIS Implementation on Moldova (voucher scheme)	I	<p>Brief information about the project. SolDevelo started the openIMIS implementation in Moldova which will be adjusted in order to handle voucher scheme. The overall goal of the project is to develop a system based on openIMIS to handle the voucher scheme in the Republic of Moldova in order to minimise undeclared work.</p> <ul style="list-style-type: none"> • work on prototype started 	02.11.2023
397	Matching Funds		<ul style="list-style-type: none"> • Seems no implementation is using this feature • Impacts the performance on beneficiary management should 	14.09.2023
398	Release 23-10		<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/3594387457/Release+2023-10 • entered in Beta Phase • issues with claim evaluation, product update, reports • rework of the menu items to be discussed with Implementers • need test data for CORE-MIS features • testing starts next week - shifted release date by one weeks • test cases were not allocated to testers • make tags for main with hot fixes !!! • need to push the release date to mid-December • UATs in progress, a few blocking issues fixed 	23.11.2023
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

40 3	Workflow Management	I	Narendra Bandhamneni is asking about the workflow features from openIMIS. Their use case is for employers or beneficiaries to upload a bunch of documents that will be reviewed, request further information and finally approve and create. SwissTPH indicated that this exact feature was the Tasks from the CORE-MIS merger and that it might be possible to adapt it to work on insurees rather than "Individuals". This is available in the upcoming release	02.11.2023
40 5	Update on security and performance testing		- https://openimis.atlassian.net/wiki/spaces/OP/pages/3622109187/OWASP+Requiremnets - https://openimis.atlassian.net/wiki/spaces/OP/pages/3622240259/OWASP+Compliance+Report	26.10.2023
40 6	Custom functionalities	A	https://openimis.atlassian.net/wiki/spaces/OP/pages/3633938447/Custom+openIMIS+Functionalities	02.11.2023

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

- 2023-12-07: Enrollment App from Nepal (Purushottamji)
- 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>

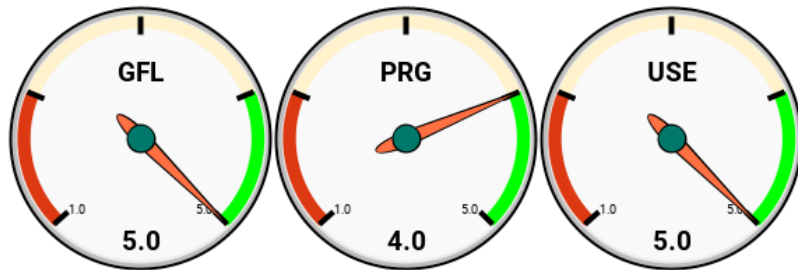
- New features from SSF Nepal

Meeting evaluation:

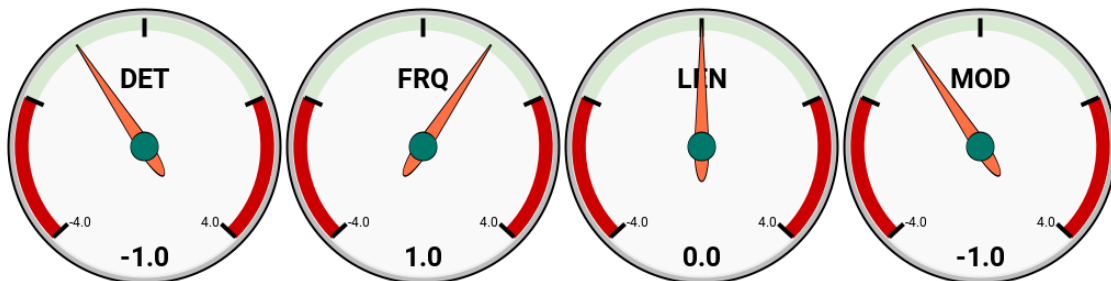
Records

2

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]