openIMIS Developers Committee Minutes

Title	Developers Committee Meeting			Date	**09.11.2023**
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/khDgTDWUZV,				

#	Item		Discussion	Date
			A: Action, C: Confidential, D: Decision, I: Information, W: Warning	
19	AGPL V3 License	W	- German lawyer sent preliminary report, waiting for DEZA reaction - DEZA still proposes Bern clause - http://www.apache.org/licenses/LICENSE-2.0 needed for the HTTP Client mobile app (Point 4 - Redistribution) - new contract with the lawyer is active - DEZA is signalling willingness to adapt - new comment from the lawyer on copyleft - put it up on the wiki - new task: analyse CORE-MIS dependencies - works has started on delivered code repositories - Lawyer has started all main modules, did updates - report came in, needs small corrections	26.10.2023
59	DHIS2 Integration	I	- 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	09.11.2023
105	List of modules	D	- 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

			● 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	● 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	● 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	● 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 coming up at AEHIN	02.11.2023
164	Roadmap	I	● 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	27.07.2023
176	Video tutorials	I	● 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 ● 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	02.11.2023
190	Insuree self registration (general)	I	● 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? ○ 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	28.09.2023

193	Client self management Mobile App in Nepal	I	• 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	• 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	• 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 • issue was raised during community meeting in CM • waiting for contracts to be signed (CORE-MIS & Maintenance) • Looking at January	26.10.2023
223	Testing Scenarios	D	• 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 • 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 • 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)	09.11.2023

230	Security auditing	D	• 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 ?
			  ◦ 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	- openIMIS Integration: https://docs.google.com/presentation/d/1IZh5FQIqgmVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-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	- 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 - this weeks call with participants from CM and BF #252	10.08.2023
249	Random Claim Sampling	I	- 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
250	Performance test (Modular) on big data set	A	- 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) - 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
252	Toumai Community		- Upcoming - 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
260	Documentation management platform	D	- 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	26.10.2023

			• 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	
274	Default module configuration	A	• 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	• 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	• 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	• 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	• 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	• 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	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	03.03.2022
304	Django module from oI modules	A	● 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 QA	A	● 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 ● New focus on installation guide https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Documentation+Taskforce ● documentation platform #260 ● Harmonizing openIMIS descriptions -> https://openimis.atlassian.net/wiki/spaces/OP/pages/3499032577/openIMIS+Standard+Descriptions+-+Overview ● List of Wiki maintenance tasks - https://openimis.atlassian.net/wiki/spaces/OP/pages/3481993288/Wiki+Maintenance ● workshop in CM: https://openimis.atlassian.net/wiki/spaces/OP/pages/3552477204/Session+IV+Documentation+formats+platforms+sustaining+and+sharing+knowledge ● Update on security measures: https://openimis.atlassian.net/wiki/spaces/OP/pages/3586523137/Theme+Security	21.09.2023
312	UI-Wording	D	● Automated translation done with verification (on all terms extracted) ● Who decides on wording in user-interfaces for the standard version? ● address this question to implementers ● make it part of the UAT - especially French version ● STPH Tender2 reviewed frontend terms	02.11.2023
316	The Gambia	A	● 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: 　○ 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	05.10.2023
317	Implementation in DRC	A	● Implementation kick-off ● one configuration issue being discussed (waiting period)	27.07.2023

			● next: migration to modular version ● issues with synchronisation of APIs & mobile apps; claim submission (all rejected) - call with STPH	
320	FHIR R5	A	● Can this be funded through Digital Square? ● could be part of an implementation project ● official release done ● could be a student project / estimation of days needed ● update in claims: field for scheme not mandatory any more ● https://futils.meis.io/ ● Not yet very common, most other GGs are still on STU3	09.11.2023
321	Compatibility with other DB systems	I	● 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 ○ 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
326	Publication to FHIR IG registry	A	● Publication to FHIR IG registry http://fhir.org/guides/registry/ http://registry.fhir.org ● needs to be done to enable the NP and TZ extension	25.05.2023

328	Sandbox	I	● 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
			  ○ Demo -> PSQL
			  ○ Release -> MSSQL + Mobile backend
			● DHIS2 demo needed (just data no ETL)
			  ○ 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

332	PBF link	I	BlueSquare is looking at the link between openIMIS and results based finance - 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
335	IHE profiles	A	● 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
337	login case sensitivity		● 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

339	Installation	A	● rework of the docker
			  ● Move to docker 3
			  ● merge dist_dkr be assembly
				26.10.2023

			• Changes need to be tested on standard platforms (linux) and windows and documented in [Installation Guide](#) • 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](#)	

342	BI Architecture	I	• Integrate elastic search or as part of an attached FHIR server
			  ○ 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

353	CORE MIS		• [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
354	Time quantity	A	• 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
364	New enrollment/Enquiry App HIB	D	• 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 September Gumzo	09.11.2023
366	SSF ERP NP		• 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](#) • useful to add scheduled tasks in settings eg. policy renewal • changes were done, checking on integration	13.07.2023
375	Depreciation Workshop	A	• 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	• 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	• 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	• deactivate inactive users • request from Gambia #316 • also needed in Nepal	12.10.2023
385	Update mobile apps		Claims: 　• In testing Policies: 　• 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: "asessment" https://fhir.openimis.org/CodeSystem-feedback-payload.html 　• SOAP calls that are no longer used PRs created - will still be included in the release tried merge, but ran into conflicts - fixed, in testing	09.11.2023
387	Formal sector	A	• 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 • Payment component to be reworked. • bug fixing in progress • payment entity to be upgraded to invoice	02.11.2023
389	Search particular object in history	A	• coming form the CORE-MIS project • To be implemented for the businessHistoryModel • needs more requirements gathering	12.10.2023
391	GDHF	D	• Swiss TPH proposed the UHC use case from Cameroon. - accepted 6.12. • KeHia - accepted 5.12. • GIZ - rejected	12.10.2023
392	Age limitations Cameroon	D	• How to check based on age. • Under Product configuration? • Contribution on Product Services/Items.	31.08.2023
394	openIMIS Implementation Moldova (voucher scheme)	I	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	02.11.2023

			scheme in the Republic of Moldova in order to minimise undeclared work. ● work on prototype started	
397	Matching Funds		● Seems no implementation is using this feature ● Impacts the performance on beneficiary management should	14.09.2023
398	Release 23-10		● https://openimis.atlassian.net/wiki/spaces/OP/pages/35943874 57/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 !!!	09.11.2023

399	Async Mutations		● 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:
			  ○ Try to support created id in the policyholder and elsewhere
			  ○ Add support for direct calls that respond synchronously
				02.11.2023

403	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
405	Update on security and performance testing		- https://openimis.atlassian.net/wiki/spaces/OP/pages/3622109 187/OWASP+Requiremnets - https://openimis.atlassian.net/wiki/spaces/OP/pages/3622240 259/OWASP+Compliance+Report	26.10.2023
406	Custom functionalities	A	https://openimis.atlassian.net/wiki/spaces/OP/pages/3633938 447/Custom+openIMIS+Functionalities	02.11.2023
407	Congo is going live	I	Congo (Brazzaville) is going live with the Formal Sector. Enrollment only for now. Photos: https://discord.com/channels/854994106564608000/8549941072 27045924/1172109397586100244	09.11.2023

Deep Dive Topics:
- 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):

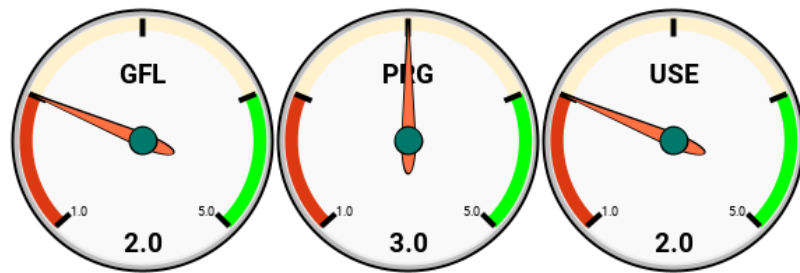https://openimis.atlassian.net/wiki/spaces/OP/pages/3463577606/Product+refactoring

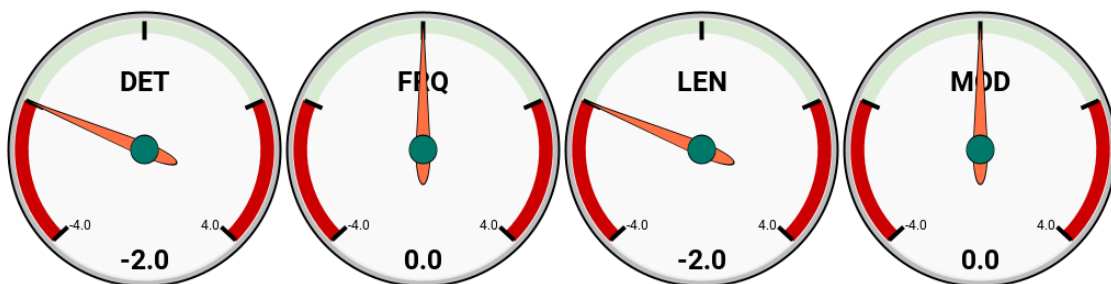- New features from SSF Nepal

Meeting evaluation:

Records

1

Overall Mood

GFL — 2.0
PRG — 3.0
USE — 2.0

Event Parameters

DET — -2.0
FRQ — 0.0
LEN — -2.0
MOD — 0.0

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]