openIMIS Developers Committee Minutes

Title	Developers Committee Meeting	Date	**14.07.2022**
Location	**https://meet.jit.si/openIMISDevelopers**	**Time**	**08:00 UCT**
Meeting called by	openIMIS Initiative	**Type of meeting**	Weekly Call
Facilitator	All	**Note taker**	All

#	Item		Discussion	Date
			A: Action, C: Confidential, D: Decision, I: Information, W: Warning	
19	AGPL V3 License	W	• Will there be a problem with external security-related code because of the copy-left clause? • https://openimis.atlassian.net/wiki/spaces/OP/pages/40566798/Licenses • 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)	14.07.2022
59	DHIS2 Integration	I	• Demo DHIS2: https://dhis2etl.s1.openimis.org • Release DHIS2: • 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) • ADX file support to be supported in the next weeks • demo up again, but empty • PATH session on FHIR Analytics yesterday • support from HISP TZ requested • started to create aggregation mechanisms for ADX export	14.07.2022
92	openHIM	I	• OpenHIM sandbox server: https:openhim.s1.openimis.org • propositions from OHIE: Workforce (would need FHIR) • https://openimis.atlassian.net/browse/OP-452 • many mediators from Healthix on github	05.05.2022
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 • Discussion at openHIE: disconnect technical and front end level of "modules" - FE=JLN, BE=technical aspect • mapping to be reviewed - • action needed for new developments and releases & roadmap • support from Tender 2 contract • Mapping openIMIS-JLN started: https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping • Toumai consultant is reviewing processes • scan JLN processes for additional OpenHIE workflows • started restructuring of documentation #306	14.07.2022

			● 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		
127	Publish AAB/APK on Gplay	A	● Policies Demo Mobile App on Google Play ● Solution to improve the application (e.g. app name is Barcode Scanner on some phones) ● TZ policy app will be pushed to Google Play - in testing countrywide ○ file access was rejected by Google, needs rework ● Eric added a GitHub action to build APK and AAB. Installing the APK ● Eric: From Aug 1, 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.	05.05.2022	

135	Modular version Install Nepal	A	● legacy part is productive - FE not applied for all functions
			● 2 domains 1 Modular - 1 legacy
			  ○ 2 domains will be used in parallel
			  ○ Claim reviewers will be the first to use the modular; if it work well other kind of user will move to Modular
			● Performance issue is solved
			● Migration needs some adaptations first
				05.05.2022	

136	AI Project	A	● openIMIS AI-based Claim Adjudication ● improvements with STPH internal funds ● Inconsistencies were identified in data ● updating to use FHIR APIs ● claim ID/insurance ID replaced for performance ● new version in testing ● AI Workshop on 24.05 was done	09.06.2022	
137	E0 openIMIS Shelf Readiness	I	● https://openimis.atlassian.net/wiki/spaces/OP/pages/2915762181/Project+E0+openIMIS+Shelf+Readiness ● Demo after Release 21-06 10:00 CET => done ● Publish recording, feed back missing, cutting needs to be fixed	14.07.2022	
141	Demo instances for the interop use cases	A	● Demo instances of OpenMRS, Bahmni and DHIS2 integrations:https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape ● BAHMNI-Docker under revision -> in T1 ● MojaLoop is wip with help from modusbox, ● MIFOS is installed and configured ● openHIM is installed and configured	09.06.2022	
147	Tanzania implementation	I	● integration into 2 HMS (afyacare & gothomis) and one accounting systems (muse) => done ● Roll-out of modular version starting with pilot ● REST API starts to show issues under big loads ● UAT for GOTHIMS integration starts next week	14.07.2022	
164	Roadmap	I	● Old roadmap documents need updating e.g. for the new tender processes #167. ● Expect heavy Wiki harvesting & restructuring ● https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap ● FS to be updated ● Link Jira Roadmap or Confluence Roadmaps ? ● collecting (big) ideas for next project phase	14.07.2022	

176	Video tutorials (Impl)	I	● [Session 1](#) - openIMIS Legacy Web Application ● [Session 2](#) - openIMIS Legacy Web Application Localization ● Session 1 Q&A session [linked in the wiki](#) ● Session 3 might have to be postponed to avail time for maintenance ● Developer videos subtitled to French ● https://openimis.gitbook.io/installation-and-country-localization/ ● new clip on docker installation in the pipeline ● Docker tutorial is about to be published	14.07.2022
183	Nepal new features (modular)	A	● New features are requested by HIB ● Puru will submit the new features on Jira (part already on jira) ● contracting out in Nepal by tomorrow ● Legacy/Modular will depend on the module available ● New mobile app for enquiries under development ● https://github.com/tinkertechnology/ ● is in github repos from Tinkertechnology -> need to push to openIMIS ● license? it's in the contract already ● Pull Request on Claim Delete to be reviewed	09.06.2022
188	Extend to other Schemes (Product redesign) "Beyond Health"	A	● https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053 ● found Jiri report, needs to be uploaded ● Ideas for architecture: https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/openIMIS+beyond+health+features+needs ● channel this through Conversion Initiative (DCI) ● make this a target for next project phase ● make this a topic for next project phase	14.07.2022
190	Insuree self registration (general)	I	● fork Tinkersoft repos into openIMIS ● reviews needed	09.06.2022
193	Client self management Mobile App in Nepal	I	● fork Tinkersoft repos into openIMIS ● reviews needed	09.06.2022
204	Students	A	● Can we recruit students for a thesis? ● Page to be created with possible thesis topics ● #303 MARS project ● implementation onboarding needed on new release	14.07.2022
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: Nepal, then Kenya	09.12.2021
223	Testing Scenarios	D	● https://openimis.atlassian.net/wiki/spaces/OP/pages/1343881261/Quality+assurance ● https://openimis.atlassian.net/wiki/spaces/OP/pages/1336967179/Quality+assurance+opensource+tools ● instance installed: qa.openIMIS.org ● new overview page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview ● needs updates #306	09.06.2022
230	Security auditing	D	● Decide if we want/need to have a security audit	07.07.2022

			● target: after April 2022 for FE&BE, October 2022 for Postgres ● Proposal: have a security auditing after October 2022 release	
234	Payment Layer	I	● GovStack BB call #307 ● Payment layer demo was done: ● https://openimis.atlassian.net/wiki/spaces/OP/pages/3316219905/2022-06-08+openIMIS+Payment+Layer+Demo ● Deep Dive will be reverted into a normal openIMIS DeepDive for any topic ● follow up event with OpenG2P planned ● DCI event is scheduled	14.07.2022
236	Nepal Claim FE integration into main	A	● Nepal rework the claim FE module to improve the layout ● demo to implementers was done ● integrate code into develop branch through feature branches - by the end of May	03.03.2022

239	GovStack	A	● technical specification documents are ready for review:
			  ○ https://docs.google.com/document/d/18aJLgW4dlB89UMFVXBnrzpHwGLnmQpaoxUGVMxsoGUo/edit
			  ○ https://discourse.govstack.global/t/govstack-documents-and-resources/95
			● openIMIS Integration: https://docs.google.com/presentation/d/1IZh5FQIqgmVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-mU/edit#slide=id.p1
			● Demo:
			  ○ video
			  ○ instance
			● relaunch monthly calls, GovStack needs to pick up
			● GovStack community meeting was last week in Berlin
				07.07.2022

243	Item/Service groups	I	● Implementers expressed a few times the desire to add item and service groups. While we're finalizing the module rewrite, now is a good time to check what is possible. Meeting with Saurav (and Jean) tomorrow. ● Think about hierarchies ● https://openimis.atlassian.net/wiki/spaces/OP/pages/2998730753/Classification+of+Social+Protection+Schemes ● Not integrated in the new modules because no real demands and not in the scope/budget ● Service Bundles will be developed under CM ChequeSante implementation ● Y-Note is developing this, work is ongoing	23.06.2022
246	International Developers	A	● How do we make the community compatible to other language groups at all levels? ● French channel in discord? ● Workshop organised by Digital Square ● call with Digital Square, they set up a workshop on how to integrate other language communities	31.03.2022
249	Random Claim Sampling	I	● HIB has requested support on Claim Random Sampling. ● Gone live ● results: process is accepted now	05.05.2022

			● upload to github done, needs to be merged	
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	14.07.2022
252	Toumai Community		● Webinar organised the 21st on the guide for an openIMIS focal point. Next will be to finalise a draft guidance and start translating it. ● Videos on the Module FHIR and the Focal point webinar will be on Youtube. It is awaiting presenters approval	07.07.2022
260	Documentation management platform	D	● docs.openimis.org (ReadTheDocs) ● openIMIS Docs ● https://openimis.gitbook.io/installation-and-country-localization/ (GitBook) ● more in-code documentation needed ● need to standardize & improve module documentation (e.g. which repositories are involved?) ● topic in co-ordination desk team meeting ● #306	07.04.2022
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	09.06.2022
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 - synch via USSD? ● to check if this can be done via the new mobile solution	19.05.2022
286	Mauritania Implementation	I	● ePayment implementation through Bankily mobile application in discussion	16.12.2021
288	Implementer documentation	D	● Should we add specific documentation for the implementers (not end user or installation) ? ● Explain the module configuration in details ● through tender 2? ● #306	14.07.2022
295	OpenMRS/BAHMNI FHIR		● openMRS/BAHMNI FHIR needs to be updated to FHIR4 - workload and funds (Notice F2?)? (FHIR3 still works, though) ● estimation? ● synchronise with Possible Health implementation ● FHIR4: there were updates in the BAHMNI packages ● FHIR5: #320	14.07.2022
296	Cameroon Voucher Scheme	I	● bundle/package of services and items, and voucher number validation features to be developed by Y-Note #243 ● UCPC MoH	23.06.2022
300	Capitation function	A	● how to add calculation rule for capitation ● also needs entry screen for attributes ● standard feature or customization? ● current TZ version is very exotic ● new option: calculation rule that can be done in batch - available on release (part of "payment plan") (wip)	28.04.2022

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
302	Locust.io	I	• For Performance testing, Blsq made a Locust script that can hammer the (GraphQL) API. It supports both legacy and modular logins. (not that easy) • The script will probably be in the openimis-be_py repo but it might become a full repo because it will evolve independently from releases • needs to be extended • create docu and integrate into : https://openimis.atlassian.net/wiki/spaces/OP/pages/2501804037/openIMIS+Testing+Scenarios • Other mechanism: https://github.com/openimis/openimis-be_py/tree/develop#to-get-profiler-report-debug-mode-only • also looking at REST API • wiki-doku: https://openimis.atlassian.net/wiki/spaces/OP/pages/3307175937/Stress+Performance+Testing	07.07.2022
303	MARS Lab	A	HS Mannheim software lab • final presentation was today • https://openimis.atlassian.net/wiki/spaces/OP/pages/3241574401/Project+MARS+Software+Lab • two public presentation in Dev-DeepDive: toady and first week of August	14.07.2022
304	dj 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	12.05.2022
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 • Release checklist: https://openimis.atlassian.net/wiki/spaces/OP/pages/3304488961/Release+Closure+Checklist • sub-domain clean-up / documentation of public facing sub-domains - Deadline 29.06. • videos tutorials and webinars/presentations	07.07.2022
311	Mobile Offline extracts	A	• We decided not to include the web offline mode extracts but the Mobile app extracts and imports are necessary (and missing) • They are actually included into the April release but not shown in the frontend. There are some issues with the existing system and mobile apps, so Bluesquare is currently testing this and making sure that it's available.	19.05.2022
312	UI-Wording	D	• Who decides on wording in user-interfaces for the standard version?	30.06.2022

			• address this question to implementers • Discuss: Who is responsible?	
314	Public Presentation	A	• https://openimis.atlassian.net/wiki/spaces/OP/pages/717291605/Material+for+Communication+and+Starter+Kit • links are broken -> Implementation starter kit needs to be cleaned up • -> Implementers Call	14.07.2022
315	DB migration to PostgreSQL	A	• structure migration done and working • some SQL issues • JSON fields to be tested • will be finished by end July	14.07.2022
316	The Gambia Implementation	A	• New Implementation • Current status: Contracting	30.06.2022
317	Implementation in DRC	A	• Onboarding of the Tech team in DRC	14.07.2022
318	New Digital Square Funing	I	• https://openimis.atlassian.net/wiki/spaces/OP/pages/3348168705/Digital+Square+Rapid+Concept+Note+2022 • application phase is closed	14.07.2022
319	OpenHIE	I	• new version of the standards document is out: • https://guides.ohie.org/arch-spec/v/5.0/	14.07.2022
320	FHIR R5	A	• Need to discuss when move to FHIR5?	14.07.2022
321	Compatibility with other DB systems	I	• Oracle is officially supported in Django • openIMIS is most likely not able to take over Support for non-PostgreSQL • stored procedures are still a problem	14.07.2022

Deep Dive Topics:
- 14th of July: MARS Demo
- Semantic versioning
- Documentation platform
- 04th of August: MARS Technical presentation
- Database compatibility