open**IMIS Developers Committee Minutes**

Title	Developers Committee Meeting	Developers Committee Meeting			
Location	https://meet.jit.si/openIMISDeve	lopers	Time	08:00 UCT	
Meeting called by	openIMIS Initiative	Type of meeting	Weekly Call		

#	Item	Discussion		
	A: Action, C: Confidential, D: Decision, I: Information, W: Warning			
19	AGPL V3 License	 Will there be a problem with external security-related code because of the conclause? https://openimis.atlassian.net/wiki/space/40566798/Licenses German lawyer sent preliminary report DEZA reaction DEZA still proposes Bern clause http://www.apache.org/licenses/LICEN needed for the HTTP Client mobile app Redistribution) 	xes/OP/pages , waiting for SE-2.0 o (Point 4 -	
59	DHIS2 Integration	 Demo DHIS2: <u>https://dhis2etl.s1.openin</u> Release DHIS2: Dataset could be used instead of progr <u>https://openimis.atlassian.net/wiki/space 1484423230/Report+queries+for+SSR</u> to be checked: <u>Program Dataset Conne</u> ADX file support to be supported in the demo up again, but empty PATH session on FHIR Analytics yeste support from HISP TZ requested 	am <u>es/OP/pages/</u> <u>S+dataset</u> <u>ector (PDAC)</u> next weeks	
92	openHIM	 OpenHIM sandbox server: https:openhim.s1.openimis.org propositions from OHIE: Workforce (wo FHIR) <u>https://openimis.atlassian.net/browse/C</u> many mediators from Healthix on githu)P-452	
105	List of modules	 JLN: https://openimis.atlassian.net/wxiki/space/ /807600219/Background+-+Joint+Learr +for+UHC https://openimis.atlassian.net/wiki/space/ 589561955/openIMIS+Plugins Discussion at openHIE: disconnect tech front end level of "modules" - FE=JLN, E aspect mapping to be reviewed - action needed for new development releases & roadmap support from Tender 2 contract Mapping openIMIS-JLN started: https://openimis.atlassian.net/wiki/space/ 945422345/JLN+Process+-+OpenIMIS Toumai consultant is reviewing process 	aing+Network es/OP/pages/ unical and BE=technical ts and es/OP/pages/ +Mapping	

		<u> </u>	
127	Publish	A •	 scan JLN processes for additional OpenHIE workflows started restructuring of documentation #306 update of Tomai session needed: https://openimis.atlassian.net/wiki/spaces/OP/pages/ 3280240641/Webinar+openIMIS+pour+I+Assurance +maladie+L+approche+modulaire+-+15.03.2022 Policies Demo Mobile App on Google Play
	AAB/APK on Gplay	•	 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 <u>GitHub action</u> 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.
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
136	Al 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
137	E0 openIMIS Shelf Readiness		 <u>https://openimis.atlassian.net/wiki/spaces/OP/pages/</u>2915762181/Project+E0+openIMIS+Shelf+Readines <u>S</u> Demo after Release 21-06 10:00 CET => done Publish recording
141	Demo instances for the interop use cases	A	 Demo instances of OpenMRS, Bahmni and DHIS2 integrations:<u>https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape</u> BAHMNI-Docker under revision -> in T1 MojaLoop is wip with help from modusbox, MIFOS is installed and configured openHIM is installed and configured
147	Tanzania implementation		integration into 2 HMS (afyacare & gothomis) and one accounting systems (muse) => done <u>Insurce self-renewal through USSD</u> <u>Bulk payment of policies to be developed</u> Roll-out of modular version starting with pilot REST API starts to show issues under big loads
164	Roadmap	•	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 ? Phase out of legacy version was communicated, now implementation projects have to analyse what needs to be done on their side
176	Video tutorials (Impl) Nepal new	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-lo calization/ new clip on docker installation in the pipeline Docker tutorial is about to be published New features are requested by HIB
	features (modular)		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? its in the contract already Pull Request on Claim Delete to be reviewed
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+ne eds channel this through Conversion Initiative (DCI) make this a target for next project phase
190	Insuree self registration (general)	• •	fork Tinkersoft repos into openIMIS reviews needed
193	Client self management Mobile App in Nepal	1	 fork Tinkersoft repos into openIMIS reviews needed
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 AEHIN is preparing a webinars • DRGs (TU Nepal) field mapping #308 • general onboarding session AEHIN webinar on MARS tomorrow morning
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

223	Testing Scenarios Security	D	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
	auditing		 target: after April 2022 for FE&BE, October 2022 for Postgres plans in Nepal (GIZ/HIB) for security audit Security expert to do some penetration testing in November Penetration test were done - issues will be addressed Communication to implementers started legacy issues were fixed Proposal: have a security auditing after October 2022 release
234	Payment Layer		Payment layer demo was done:
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
238	Chat-Channel	D	 app for chats available (clients / apps) <u>https://discord.gg/khDgTDWUZV</u> -> we are using discord update wiki pages (communication channels)
239	GovStack	A	 technical specification documents are ready for review: <u>https://docs.google.com/document/d/18aJLgW4dl</u> <u>B89UMFVXBnrzpHwGLnmQpaoxUGVMxsoGUo/ edit</u> <u>https://discourse.govstack.global/t/govstack-docu</u> <u>ments-and-resources/95</u> openIMIS Integration: <u>https://docs.google.com/presentation/d/11Zh5FQlqg</u> <u>mVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-mU/edit#sli</u> <u>de=id.p1</u> Demo: <u>video</u> <u>instance</u>
243	Item/Service groups		 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+Sc hemes 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
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
249	Random Claim Sampling	1	 HIB has requested support on Claim Random Sampling. Gone live results: process is accepted now upload to github done, needs to be merged
250	Performance test (Modular) on big data set	A	 <u>https://s2.openimis.org/front/home</u> can it be further anonymized for use as demo data set need to address NULL query issue
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.
260	Documentation management platform		 docs.openimis.org (ReadTheDocs) openIMIS Docs https://openimis.gitbook.io/installation-and-country-loc alization/ (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
271	Al Workshop Nepal		 target group: MoH Nepal, HIB, SSF to be done in conjunction with the performance workshop 30.05. & 31.05. STPH presented the new AI module version
274	Default module configuration		 Add default configuration to DB for each module so implementers know what can be configured. could be done through migration script #288 Implementer documentation
284	offline mode (web)		 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
286	Mauritania Implementation	1	 ePayment implementation through Bankily mobile application in discussion
288	Implementer documentation		 Should we add specific documentation for the implementers (not end user or installation) ? Explain the module configuration in details

			a through tonder 22
			through tender 2?#306
290	Schedule-tasks engine	D	 Add a schedule tasks engine in core module to manage schedule tasks from other modules bypass assembly settings.json configuration ease configuration, (de)activation, etc. -> configurable workflows add to ideas list
291	Server time to UTC	D	 datatypes with timezones sufficient? -> Incubator page
293	Authentication	Ŧ	 Auth was migrated to full modular and JWT cookies? <u>https://gdpr.cu/cookies/</u> > See "Strictly necessary cookies" (these are only session/language management cookies, no tracking) GDPR states that we don't need consent but should inform about the cookies. fixed with last release need to verify FHIR API works with autoprovisioning
294	Camera access from webapp	A	 Registration with pictures through the WebApp? Using the browser access to camera https://www.digitalocean.com/community/tutorials/fr ont-and-rear-camera-access-with-javascripts-getus ermedia https://codepen.io/chrisbeast/pen/ebYwpX No real advantage in offline mode (can use mob. app) but in branch offices with registration at the counter move into -> Incubator
295	OpenMRS/BA HMNI 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 Need to discuss move to F5?
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
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)
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
302	Locust.io	1	 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

303	MARS Lab		 needs to be extended create docu and integrate into : https://openimis.atlassian.net/wiki/spaces/OP/pages/2 501804037/openIMIS+Testing+Scenarios Other mechanism: https://github.com/openimis/openimis-be_py/tree/deve lop#to-get-profiler-report-debug-mode-only also looking at REST API wiki-doku: https://openimis.atlassian.net/wiki/spaces/OP/pages/3 307175937/Stress+Performance+Testing HS Mannheim software lab
303		~	 participants number: 20 need technical contact -> use discord, delegate FHIR APIs are feasible? started to create tickets
304	dj module from oi modules	A	 Add django modules form openimis modules this is not only about loading py modules, it needs to be part of the DJANGO_MODULE in the assembly settings.py
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
307	GovStack Payment BB	ł	 <u>https://openimis.atlassian.net/wiki/spaces/OP/pages/3</u> 291774977/ITU+-+Payments+Building+Block Deadline: 9.06
308	DRG students data-thon	A	 student challenge on DRG implementation webinar session on the DB model evaluation in progress
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.
312	UI-Wording	D	 Who decides on wording in user-interfaces for the standard version? address this question to implementers Discuss: Who is responsible?
313	Manna funds		 if Manna funds are likely, I would like to make sure there is a list of project (from the incubator) that are eligible it means the basic architecture choice are decided upfront this approach can reinsure the implementers that their priority matters

314	Public Presentation	A	 <u>https://openimis.atlassian.net/wiki/spaces/OP/pages/717291605/Material+for+Communication+and+Starter+Kit</u> links are broken -> Implementation starter kit needs to be cleaned up
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
316	The Gambia Implementation	A	New ImplementationCurrent status: Contracting
317	Implementation in DRC	A	Onboarding of the Tech team in DRC