openIMIS Developers Committee Minutes

Title	Developers Committee Meeting		Date	09.06.2022
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)	23.03.2022
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 ? - demo up again, but empty - PATH session on FHIR Analytics yesterday - support from HISP TZ requested	09.06.2022
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	21.04.2022

			• 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+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.	09.06.2022
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) • Insuree self-renewal through USSD • Bulk payment of policies to be developed • Roll-out of modular version starting with pilot • REST API starts to show issues under big loads	28.04.2022
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	07.04.2022

			● 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)	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	09.06.2022
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? its 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	12.05.2022
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
			● AEHIN is preparing a webinars
			  ○ DRGs (TU Nepal) field mapping #308
			  ○ general onboarding session
			● AEHIN webinar on MARS tomorrow morning
				09.06.2022

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	09.06.2022

			● instance installed: qa.openIMIS.org ● new overview page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview ● needs updates #306	
230	Security auditing	D	● Decide if we want/need to have a security audit ● 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	09.06.2022
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	09.06.2022
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
238	Chat-Channel	D	● app for chats available (clients / apps) ● https://discord.gg/khDgTDWUZV ● -> we are using discord ● update wiki pages (communication channels) ●	21.04.2022

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
				09.06.2022

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	09.06.2022

			● 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	31.03.2022
249	Random Claim Sampling	I	● HIB has requested support on Claim Random Sampling. ● Gone live ● results: process is accepted now ● upload to github done, needs to be merged	05.05.2022
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 ● need to address NULL query issue	28.04.2022
252	Toumai Community		● Support in communication and a mechanism to get content available in English for the entire community will be put in place ● Webinar on Interoperability and the Module FHIR the 31st with the Toumai: Done next to use the materials for capacity building and communication ● The study on the Insurance product started ● STPH to present in a webinar on capacity building documentation for an openIMIS focal point-planned the 21st June ● inputs from BlueSquare & STPH needed - when?	09.06.2022
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
271	AI Workshop Nepal		● target group: MoH Nepal, HIB, SSF ● to be done in conjunction with the performance workshop ● 30.05. & 31.05.	19.05.2022
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	24.02.2022
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	19.05.2022
291	Server time to UTC	D	● datatypes with timezones sufficient? ● -> Incubator page	27.01.2022
293	Authentication	I	● Auth was migrated to full modular and JWT ● cookies? https://gdpr.eu/cookies/ > 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	09.06.2022

294	Camera access from webapp	A	● Registration with pictures through the WebApp?
			● Using the browser access to camera
			  ○ https://www.digitalocean.com/community/tutorials/front-and-rear-camera-access-with-javascripts-getusermedia
			  ○ 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
			● -> Incubator
				09.06.2022

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	19.05.2022
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	19.05.2022
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)	19.05.2022

			● 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:	
303	MARS Lab	A	HS Mannheim software lab ● participants number: 20 ● need technical contact -> use discord, delegate ● FHIR APIs are feasible? ● started to create tickets	28.04.2022
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	12.05.2022
306	Documentation QA	A	● consistent dokumentation ● 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 ● openIMIS.org mailhost will change from Zoho to Hetzner ● sub-domain clean-up / documentation of public facing sub-domains	09.06.2022
307	GovStack Payment BB	I	● https://openimis.atlassian.net/wiki/spaces/OP/pages/3291774977/ITU+-+Payments+Building+Block ● Deadline: 9.06	09.06.2022
308	DRG students data-thon	A	● student challenge on DRG implementation ● webinar session on the DB model ● evaluation in progress	09.06.2022
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? ● address this question to implementers	09.06.2022
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	09.06.2022

| 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 | 09.06.2022 |