openIMIS Developers Committee Minutes

Title	Developers Committee Meeting		Date	05/08/2021
Location	**https://meet.jit.si/openIMISDevelopers**		**Time**	**09:00 CEST**
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	05.08.2021
59	DHIS2 Integration	I	• Demo DHIS2 https://dhis2etl.s1.openimis.org • Dataset could be used instead of program https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset • empty column on relative price - issue in source system	05.08.2021
73	RFC Formal Sector enrollment	I	• Specification available here. (Cambodia) • Enrollment+Registration (Nepal) • Backend to be publsihed in PIP • Demo to be updated • Documentation started	05.08.2021

92	openHIM	I	• OpenHIM sandbox server:
			• https://sandbox.openhim.org/
			  ○ Login details on home page
			  ○ call between Healthix - OpenHIM happened, renaming mediators to match their style happening.
			• adaptations to OpenHIM uploaded - waiting for feedback
			• propositions from OHIE: Workforce (would need FHIR)
				17.06.2021

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
			• https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping
			• mapping to be reviewed -
			  • action needed for new developments and releases & roadmap
			  • support from Tender 2 contract
			• Mapping openIMIS-JLN started:
				06.05.2021

115	Integration of Nepal .NET feature into legacy system	A	• Code will be uploaded on a daily basis (https://github.com/purusap/web_app_vb) • https://github.com/openimis/web_app_vb/blob/develop/IMIS_BL/EscapeBL.vb#L38 on how to use compilation variation • pull request needed (per feature)	27.05.2021
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)	29.07.2021

			• TZ policy app will be pushed to Google Play - in testing countrywide • 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.	

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
			• new features will only go to modular version
				22.07.2021

136	AI Project	A	• openIMIS AI-based Claim Adjudication • UAT workshop was done in Nepal • positive user feedback, more time for testing needed • will be tested in production after rollout of the modular version • need funds for further developments	22.07.2021
137	instant openHIE (E0)	I	• Project page: https://wiki.ohie.org/display/resources/Instant+OpenHIE • Instant OpenHIE Architecture doc • Instant openHIE is a solution to launch “docker stacks” of different e-health systems => implemented	22.07.2021
141	Demo instances for the integrations C1	A	• Demo instances of OpenMRS, Bahmni and DHIS2 integrations new+openIMIS+installations • https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server+Landscape • Alternative: Resources on Amazon Cloud available if openIMIS is compliant to OpenHIE deployment • Verify if all the source-codes are available • Reactivate Jembi after OpenHIM is on our infrastructure • BAHMNI-Docker under revision -> in T1 • Looking for the newest Developments from Possible Health • openMRS FHIR needs to be updated to FHIR4 - workload and funds? (FHIR3 still works, though)	15.07.2021

147	Tanzania implementation	I	• GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested
			• integration with accounting system - which would be the workflows and messages/ressources
			• National Rollout for e-payment ongoing, going into UAT next week in four regions - Rollout in July
			  ○ new payment process to be clarified
			  ○ New development in Modular to send SMS for activate, renew, expiry => in testing this week
			• insuree card with QR codes
				05.08.2021

148	Mobile technology for openIMIS	I	• Nils Concept • link to wiki page • links: #127, #193 • restart discussions? Target: define task for T1 or student - s cope might be rather big • all: look for resources and options	19.04.2021
159	Simplify openIMIS reference package E0	D	• Simplify+openIMIS+reference+package • Due date is end 2021 • recipe/template to build docker compose packages established for AI & Formal Sector - done (#159, #160) • https://github.com/openimis/openimis-dist_dkr/tree/feature/e0 • docker is ready for publishing, targeting modular version only • https://github.com/openimis/openimis-dist_instant_openhie	29.07.2021

160	openIMIS developer tools
	E0
		A	• Modular developer starting kit: initialize BE and FE modules in development mode
			  ○ install tools
			  ○ clone github repos
			  ○ make links to assembly
			• https://github.com/openimis/openimis-dev-tools/tree/develop
			• Allow the installation of Python and git?
			• Docker for Developers? -> docker override in https://github.com/openimis/openimis-dist_dkr/tree/feature/e0
				01.07.2020

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 ?	25.02.2021
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	13.08.2020
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	22.04.2021
188	Extend to other Schemes (Product redesign) “Beyond Health”	A	• Before going for the product migration, should we make the payment to Hf (to insuree ?) as separate modules (like RBF, …) that could be added to openIMIS, in addition it will simplify the page in case only one way of payment is activated. • https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053 • found Jiri report, needs to be uploaded • workshop session: https://openimis.atlassian.net/wiki/spaces/OP/pages/2284847173/Extend+openIMIS+to+other+financing+schemes+technical • Is there an official list or catalogue of SP instruments: https://openimis.atlassian.net/wiki/spaces/OP/pages/2998730753/Classification+of+Social+Protection+Schemes Ideas for architecture: https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/Beyond+Health	05.08.2021
190	Insuree self registration (general)	I	• contract finished, still need to upload the code • need to add developers to openIMIS github	22.07.2021
193	Client self management Mobile App in Nepal	I	• Nepal is providing funds to invest in the Mobile App. Call on how to advise them on the further steps - Development almost done (is it possible to use an OI module to connect the app to the OI server?) • work will be finished this month	24.06.2021
204	Students	A	• Can we recruit students for a thesis? • Page to be created with possible thesis topics • Link #216	19.03.2021
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.)	15.04.2021

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 • openIMIS Testing Scenarios: Summary of the brainstorming https://openimis.atlassian.net/wiki/spaces/OP/pages/2501804037/openIMIS+Testing+Scenarios • Cloud https://www.selenium.dev/ be an option to create and manage testing cases? • test cases being set up • new overview page: https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview	05.08.2021
226	New logos	A	• Logo updated on WebApp ○ change favicon • openimis.org	29.07.2021
229	Offline import/export for FHIR	D	• Will propose to migrate the REST API to FHIR in E0 • Can we develop the data import/export based on FHIR format? • Mobile application adaptation to FHIR • Addition to FHIR profiles	29.07.2021
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	15.04.2021
231	Anniversary Release	A	• special release before October with AI & FS ○ TBC: Process to publish on PIP/NPM must be checked (Github actions) • will be done with the October release • beta testing on release.openimis.org • code freeze mid August, Beta test on release.openimis.org in September	29.07.2021
232	AI workshop	A	• plan a workshop with new AI contacts on next steps • mail with doodle is out • Workshop was done on Monday, Summary sent out, schedule detailed calls on single projects •	24.06.2021

233	FHIR IG (E0)	A	• R4 IG: https://openimis.github.io/openimis_fhir_r4_ig
			• needs completed mapping
			• Digital Square webinar coming up: 28.7. 14:00 CET
			• working on patient profiles
			  • replacing the FHIR models with fhir.resources python package
			  • starting to develop the openIMIS FHIR Profile and IG with SUSHI
			• https://wiki.digitalsquare.io/index.php/Global_Goods_Community : Digital Square FHIR webinars
				29.07.2021

234	Payment Layer	I	• Discussion on payment layer integration started with Mifos • OpenG2P.org for payment processes	10.06.2021
235	New tender	I	• New tender on Social Protection schemes is out • https://openimis.atlassian.net/wiki/spaces/OP/pages/2777219098/GIZ+SPIL+Tender+3+-+2021 • selection process started, financial evaluation was done	29.07.2021
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 - started	08.07.2021
238	Chat-Channel	D	• need to review options for chat (skype, slack, discord) • try out several options on a monthly basis?	29.07.2021

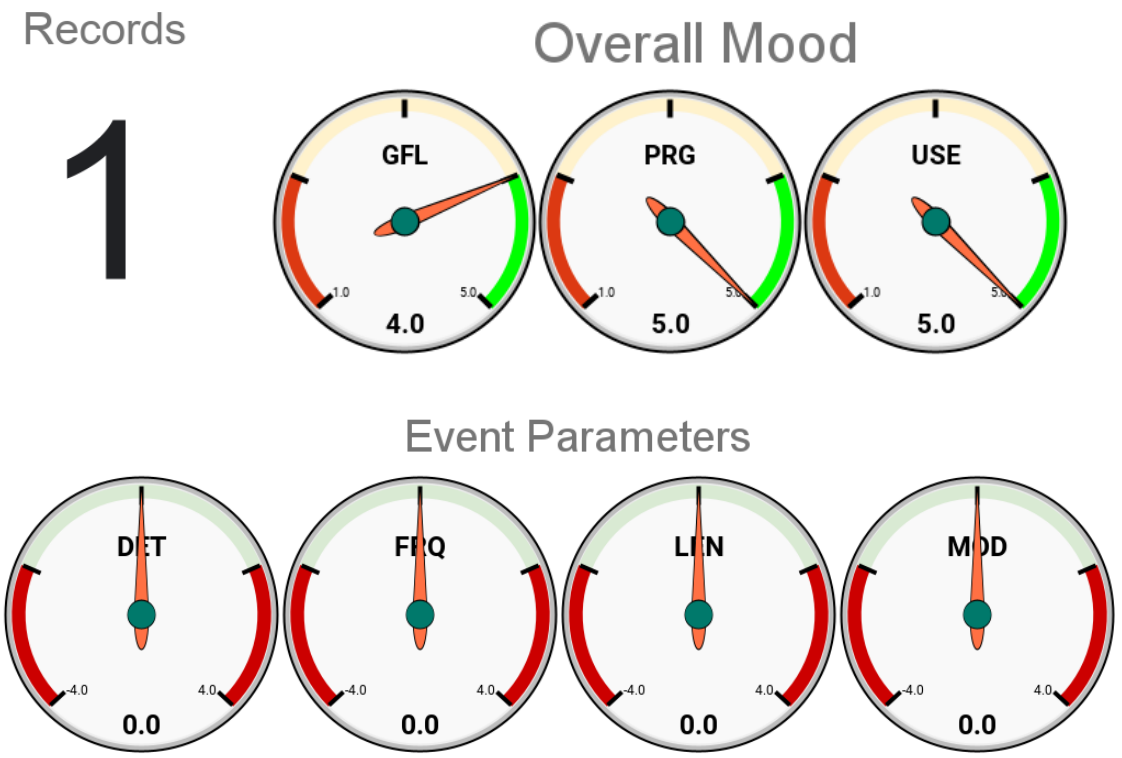
			• https://openimis.atlassian.net/wiki/spaces/OP/pages/653754789/Communication+Platforms • tested discord with this call today • in use for chats by now • app for chats available • https://discord.gg/BSm92sVM	
239	GovStack	A	• can SWAGGER also be used for APIs? Lots of extra work • Web-hooks • https://www.govstack.global/ • https://solutions.dial.community/products • deep dive today: https://openimis.atlassian.net/wiki/spaces/OP/pages/2972385332/2021-07-15+Developers+Deep+Dive+Call • Feedback: openIMIS community a bit unhappy about lack of FHIR, GovStack happy about openIMIS interest • IG Publisher can generate OpenAPI specification • advocating & promoting for openIMIS to be part of the tooling	05.08.2021
242	Items/Services rewrite	I	Screenshots below. Pretty similar to current screen. Moved all to fe-medical. • pushed to github, complete API tests added	05.08.2021
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	05.08.2021
244	Hybrid install	A	With Niger implementation, we are trying to have a smooth installation with Docker but are struggling. Strategy discussion ongoing • Updates to install wiki pages + French translations • Docker Windows mishaps	05.08.2021

245	Niger Implementation	I	• QR codes generation
			• ~~OpenMRS shared servers~~
			  ○ fears regarding multiplication of servers everywhere
			  ○ session on how to share the server/ports, docker, Hyper-V, native…
			  ○ => Actually won't share servers
			  ○ ⇒ Actually yes, we're going to share !
			• Setup procedure updates
			• Issue with pricing actually solved by evolution of the product
			• deep dive on distributed / offline scenarios
				05.08.2021

246	International Devs	A	• How do we make the community compatible to other language groups at all levels? • french channel in discord?	29.07.2021
249	Claim Random Sampling	I	• HIB has requested support on Claim Random Sampling. • Waiting for more details	22.07.2021
250	Modular version test on big data set	A	• Modular version install on openIMIS S2 => network issues to be fixed • Once done, add Nepal anonymized data set • Test and fix any timeout issues	29.07.2021
251	npm	D	• manage npm account - list as official openIMIS tool • needed for react etc	29.07.2021
252	Toumai Community		• A member request a meeting to better understand the claims verification process, the criteria to approve or reject a claim	29.07.2021

			• Session 6 (10th August) is planned to be a demonstration of how openIMIS works with Bahmni and how openIMIS works with DHIS2.	
253	Apple M1	I	As developers join with a newer Apple computer based on M1 chips, it has been a problem, especially with SQL Server. Quentin found a solution that will be updated to GitHub.	05.08.2021

Meeting evaluation:



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]