openIMIS Developers Committee Minutes

Title	Developers Committee Meeting		Date	02/04/2020
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? - Link to working document: http://bit.ly/2A6E4vY - Original license text: https://drive.google.com/open?id=19CuRw7wWUbhWJGJfvWHwdjuYaz8N6LNq - Open source definition: https://openimis.atlassian.net/wiki/spaces/OP/pages/697204855/OpenSource+Software+definition - Need to verify compatibility with other licenses (Django, reportbro ('lib version') for PDFs etc.) - set up TAG with Carl F - Info from call with Digital Square: - Dial offers support on open source global goods - contact Heath Arenssen for TAG - Are the license compatible with AGPL (or look for what it is not compatible) - Discussion with German lawyer started - pypi terms of use - npmjs terms of use - reactjs is under MIT license - material-ui is under MIT license - django is under BSD license - to connect to DB, we use pyodbc-azure (BSD license) … (there are several other open source package we use frontend and backend)	13.02.2020
59	DHIS2 Integration	I	- FHIR API https://github.com/hispindia/openimis-be-api_fhir_py - Wiki page for Extension Descriptions - [https://openimis.atlassian.net/wiki/spaces/OP/pages/961544193/FHIR+Extensions] - documentation in work - contract ends on 31 March - demo was done to Implementers yesterday - get in touch with TZ team (Swiss TPH) to see their needs - Beehyve will continue development - need some FHIR mappings - Abstracts for DHIS2 conference submitted	04.02.2020
71	Translation	I	- https://openimis.atlassian.net/wiki/spaces/OP/pages/759070721/Translation+Management+platform - change english translation to be more JLN compatible ? to be discuss on the wiki page for glossary (https://openimis.atlassian.net/wiki/spaces/KB/pages/808386618/Glossary) - new language version for djibouti created - Docs.openimis.org available in french in dev http://docs.openimis.org/fr/develop/ - web app French terminology is updated - new translation keys can simply be added to localize	04.02.2020

			● ca 15 new keys uploaded due to new modules ● GIZ NP to upload Nepali language to localize	

72	Docker Image (Windows Base)	I	● Linux version didn't worked from ZIP release file (under openHIE, instant-openHIE a harmonized deployment need to be set up, health financing could be the topic)
			● Implementers complain about installation instructions not working, Issue:
			  ● issue opened by Pharmaccess
			  ● publish openIMIS Windows docker?
			    ○ password to be removed from the image
			    ○ front-end built takes ~1h
			    ○ Creation of the DockerHUB openIMIS account
			● Develop fully windows : Build OK, still have to test the compose, some issues
				04.02.2020

73	RFC Formal Sector enrollment	I	● Specification available here. ● https://openimis.atlassian.net/wiki/spaces/OP/pages/819003487/Enrollment+Registration ● New call to be scheduled with implementers after expressions of interest come in through Digital Square ● Swiss TPH D1 proposal Approved without budget, forced marriage between Healthix / SwissTPH, potential funds likely to come from Nepal ● More clarification from Nepal needed (in progress) ● set up a TAG ● Try add Myanmar if there are interested in the specification reviews ● Quick fix under construction (communication from formal sector beneficiary module) -> create Wiki-Page ● skype call with quick fix developers => waiting for news	04.02.2020
92	openHIM	I	● OpenHIM sandbox server: ● https://sandbox.openhim.org/ ○ Login details on home page ● At OMRS meeting, successfully set up a channel that can communicate with the openIMIS demo server and NepalEHR IMIS demo server. ● Set up instructions for demo of OpenHIE workflows in openIMIS/OpenMRS ● OpenHIE is looking at interoperability test cases	04.02.2020
105	List of modules	D	● JLN: https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC ● List made by Xavier commented by Patrick ● https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins ● Will be discussed after notice D.1 project start ● 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	20.02.2020
111	Notice D.1	I	● contract will be negotiated this soon ● waiting for general contract extension to 2021 ● 1st of May as start date for awarded projects	26.03.2020
115	Integration of Nepal feature into legacy system	A	● new features in Nepal which are not in the legacy system ● new modular architecture already integrated such features ● Updates ongoing on Nepal code base, the code will be shared when the migration ● Upload tool for attachments to claims (license?)	04.02.2020

			● Code will be uploaded on a daily basis (https://github.com/purusap/web_app_vb) ● Install and test modular version in Nepal ● Formal and informal sector ● need to do a pull request to develop branch	
116	Contribution guidelines	D	● Naming convention ● JSON (mirror the guidelines for naming JavaScript identifiers) ● Property names should be meaningful names ● Property names must be camel-cased, ascii strings ● The first character must be a letter ● Subsequent characters can be a letter, a digit, an underscore ● Reserved JavaScript keywords should be avoided ● Global openIMIS guidelines or per programming language? Better have per language, but define overlaps/interactions ● FHIR is already guiding, GRAPH-QL is more open ● Create a wiki page with links to contribution guide from framework and libraries	09.01.2020
117	Mobile phone customization	D	● each implementation has to compile mobile apps with server's URL ● OSD-60 - find solution to initialize mobile apps without compiling the apps ● by-pass IC review -> SwissTPH to set up ● https://openimis.atlassian.net/browse/OP-84 ● will be done after openMRS integration (Feb) ● re-think strategy (Nils working on mobile strategy paper) ● compatibility libraries are used but decrease UX ● possibility to start from scratch with the mobile apps ● call on the new strategy ● Text file configuration solution: https://github.com/openimis/policies_android_app_java/tree/url_in_file	04.02.2020
120	Testing Claim validations		● Claim validations (@Submit and @Processing) are 'very' complex. We ported the SQL stored proc to python but testing is very complicated. Help from the community would be useful -> involve IC ● Puru to submitted any issues to be solved asap (enter into April release) #140 ● OMT-155	04.02.2020
124	Accident Insurance		● Accident insurance might be required in the context of new Nepali instance - a case for MIFOS? ● Benefit: Salary substitution in case of accident ● consultant (University from Germany?) coming in week 2 of Feb for SOPs ● Rhein-Sieg University will map out business processes, draft report will bre discussed in Nepal	13.02.2020
127	Privacy Policy (APK)	A	● Google Play for Claims APK: "Your app has an apk with version code 2 that requests the following permission(s): android.permission.CAMERA, android.permission.READ_CONTACTS. Apps using these permissions in an APK are required to have a privacy policy set." ● Pay Google developers fee from Tender1 ● Need to identify few Privacy statement like DHIS2, OpenMRS … ○ possibly reach out to DIAL Open Source Initiative for any template work that may exist	28.11.2019
130	Authorization Mechanism for FHIR API	D	● Results of the meeting uploaded on https://openimis.atlassian.net/wiki/spaces/OP/pages/606208025/Target+Technology+Stack … aiming at using the GQL API as 'recommended' interactions between modules (instead of straight django model)	04.02.2020

			- Estimated workload for GQL of about 10 days (including wrappers and usability improvements) - work in progress - unit tests need to be updated - early stages will be backported to April release, big thing later - model is extended with GraphQL	
131	New provider for the server and domain name	D	- difficulties with current provider - find another provider? - in discussion with other GIZ projects - looking at Hetzner (recommendation from other GIZ projects) - currently Nepali provider does a managed server (Windows), MS SQL is done by GIZ - Planned for new phase after August	20.02.2020
135	Modular version Install Nepal	A	- Install and test modular version in Nepal - seperate servers for formal and informal sector - Testing workshop was done - Upgrade planned for end of March - Data exchange with BAHMNI (PossibleHealth) will also go live, tests start this week - http://imistest.hib.gov.np	26.03.2020
136	AI Project	A	- AI TAG calls and AI workshop in Basel (dates to be defined) - Which FHIR version? If FHIR4, who develops endpoint. - Nepali use of 1st and 2nd diagnosis - Student from UniBas will do FHIR4 as bachelor's thesis - call on 2nd of April	26.03.2020
137	instant openHIE	I	- Project for setting up an Instant OpenHIE infrastructure is started - Project page: https://wiki.ohie.org/display/resources/Instant+OpenHIE - Instant OpenHIE Architecture doc - community call on instant oHIE: https://wiki.ohie.org/display/resources/OpenHIE+DevOps+Community+Call	19.03.2020
138	Import modules	A	Import+modules	02.04.2020
140	April Release	A	https://openimis.atlassian.net/wiki/spaces/OP/pages/1079738885/April+2020+release (new) Modular Part (02/04 status): Claims: 5 > 1 TODOs (issue on ceiling) 8 > 6 in review (incl.file system storage,...) - All (45 > 50) tickets on epic: OMT-122 HFs: 0 TODO 1 > 0 review - All (8) tickets on epic: OMT-77 Official Date: 24.04.	04.02.2020
141	Demo instances for the integrations C1	A	- Demo instances of OpenMRS, Bahmni and DHIS2 integrations - Check if demo.openimis.org server is supporting this - One server for all or one server for each? - Linux server for DHIS2 is available - Management should be possible within T1 - create wiki page with overviews - Create openimis.org subdomains: - dhis2.openimis.org - openmrs.openimis.org - bahmni.openimis.org new+openIMIS+installations	27.02.2020

145	openIMIS Symposium	I	• pig-back with World Health Summit & JLN workshop in Kampala in week of 27th of April • cancelled because of COVID-19, maybe pre-conference online • in discussion for an online workshop	26.03.2020
147	Tanzania implementation	I	• GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested • Mission to TZ early May	04.02.2020
148	Mobile technology for openIMIS	I	• Nils Concept • Call on mobile strategy next week: 25.03 at 11.00 • link to wiki page	26.03.2020
151	Claim Attachments	D	• Claim modules saves attachments into the DB • OMT-186 > in review • Other option is to save on the disk (like for the insuree pictures) • https://djangopackages.org/grids/g/document-management/ • url-field provided for external storage in DB for productive use (needs file-system mount), DB-blob for demos • Add claim attachment configuration into gateway into the installation guide	04.02.2020
153	Patient fine grained security	A	• https://openimis.atlassian.net/browse/OMT-178 • … please lets continue our discussion on this ticket • set up call next week 3st of April	04.02.2020
154	openIMIS DB migration to PostgreSQL	I	• Student from UniBas will do the DB migration as bachelor's thesis • Does this fit into our roadmap? we wanted to do this at the end of the migration .. • Can he do only an analysis of what needs to be done? Or phrase it as test exercise that will give us insights for the real migration?	04.02.2020

155	Database structure	D	• https://openimis.atlassian.net/wiki/spaces/OP/pages/1233616897/Database+structure
			  ○ Where row versioning need to be kept
			  ○ how to manage links to versioned records
				04.02.2020

156	FHIR R4	I	• FHIR+R4+integration	04.02.2020