Developers Committee Minutes

Title	Developers Committee Meeting		Date	21/01/2021
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	
Distribution list	openimis-developers-committee@googlegroups.com; openimis-implementers-committee@googlegroups.com;			

#	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	29.10.2020
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] ● repository started to have DHIS2 as an openIMIS module https://github.com/openimis/openimis-be-dhis2_py ● extractor might not be continued	21.01.2021
73	RFC Formal Sector enrollment	I	● Specification available here. (Cambodia) ● Enrollment+Registration (Nepal) ● SOSYS Data structure needed to ensure that FS datamodel is compatible (REALLY IMPORTANT) ● Edit button standardized	17.12.2020
92	openHIM	I	● OpenHIM sandbox server: ● https://sandbox.openhim.org/ ○ Login details on home page ● calls between Healthix & OpenHIM ongoing ● testing started ● start with synchronous or asynchronous exchange? Asynchronous mostly needed in FS	26.11.2020
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 - ● action needed for new developments and releases & roadmap	14.05.2020
115	Integration of Nepal .NET feature into	A	● Code will be uploaded on a daily basis (https://github.com/purusap/web_app_vb) ● pull request to develop branch (after the release) ● some feature switching needed in legacy for feature not cover by new architecture	12.11.2020

	legacy system		● Does additional request from Puru should be deliver in the context of T1 (mostly new development) → will be moved to Modular project assigned to Puru ● https://github.com/openimis/web_app_vb/blob/develop/IMIS_BL/EscapeBL.vb#L38 on how to use compilation variation	
124	Accident Insurance	A	● How the payment to insuree/company will be stored, will it be generic enough for other cash payments ? ● https://openimis.atlassian.net/wiki/spaces/OP/pages/1719697409/Employment+Injury+Insurance+-+Social+Security+Fund+Nepal ● requirements analysis started, wiki pages updated ● business rules need to be further refined with SSF	21.01.2021
127	Publish 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) ● Please report any anomalies you identify	21.01.2021
131	New provider for the server and domain name	D	● https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server%2BLandscape ● demo.openimis.org moved already ● need to plan website migration	21.01.2021
135	Modular version Install Nepal	A	● Install and test modular version in Nepal ● Data exchange with BAHMNI (PossibleHealth) will also go live, testing ongoing (some requirement from AB are missing) ● http://imisbeta.hib.gov.np ● support is contracted from a local consultant ● Target for 1.1.2021	21.01.2021
136	AI Project	A	● openIMIS AI-based Claim Adjudication ● TAG needs to be invoked !!! ● Modules activate on mutation signals and scheduled task ● Mechanism to 'hide' checked claims to MO => additional filter based on Claim.json_ext ● Looking on ways to give Rejection Justification ● Regular meetings with HIB to be organised (every two weeks) ● WebSocket API between Claim-AI Quality and Claim-AI modules ● Voting system to get majority vote from all classifiers	21.01.2021
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 ● Amazon Cloud SA credits will be available under the DS account, core HIE components highest priority, openIMIS and other end-user apps later (may be tightly integrated or deployed separately to Instant OpenHIE platform, with a standard way to connect to Instant). ● openIMIS could use the passthrough mediator (no mediator to add) ● Login screen for new modular version ● Instant openHIE is a solution to launch "docker stacks" of different health systems	21.01.2021
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	21.01.2021

147	Tanzania implementation	I	• GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested • batch run needs adaptations (e.g. capitation calculation), closing account approach needed. • integration with accounting system - which would be the workflows and messages/ressources • National Rollout for e-payment delayed	29.10.2020
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	12.11.2020
157	Developer training	A	• will be merged with the [country customization trainings](#) • [https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit](#) • All videos released • Q&A session held on 19th, if there are remaining questions, please send them and then we'll be able to organise another session with the remaining budget	21.01.2021
159	Simplify openIMIS reference package	D	• [Simplify+openIMIS+reference+package](#) • Notice E0 application accepted! dates to be defined • Due date is end 2021	05.11.2020

160	openIMIS developer tools	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?
			  • Notice E0 application accepted!
				05.11.2020

161	Shelf-Readiness (E0)	I	[https://wiki.digitalsquare.io/index.php/Shelf_Readiness](#) - open funding under Notice E0 ([https://applications.digitalsquare.io](#)) [Swiss TPH, Bluesquare, SolDevelo proposal](#): • Improve FHIR module application accepted! • Improve packaging and installation (#159) application accepted! • contract is being discussed • Contract start on 1st of April 2021 (8 month)	17.12.2020
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 ?	21.01.2021
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 • Legacy/Modular will depend on the module available • New mobile app for enquiries under development	21.01.2021

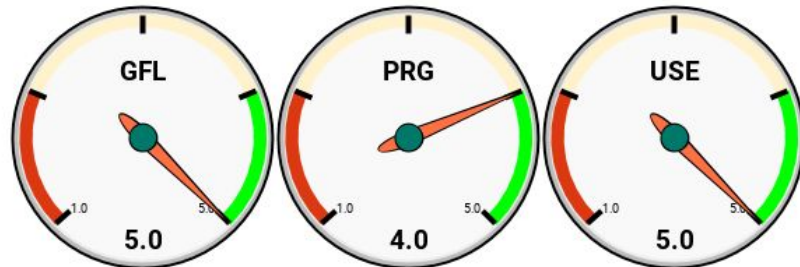| 184	FS FHIR - SOSYS integration	A	- development in progress - FHIR Organisation, OrganizationAffiliation, Contract, Group (for FS) is developed - upload to github next	21.01.2021
188	Product redesign for migration	A	- Before going for the product migration, should we make the payment to Hf (to insuree ?) 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 - discuss in the migration context after kick off: Meeting on the 14 at 14h	21.01.2021
189	Insurees & Family Module	I	- Insurees & Families 'write' features (create, move,...) to be deployed 'rough' (i.e. with bugs) today or tomorrow on release.openimis.org - Objective: test (& fix), document,... by end september - Note: received test plan from implementers, implementers will be set up… - Testing by AEHIN students, feedback received - no issues	26.11.2020
190	Insuree self registration (general)	I	- Might come up as a activity from Nepal (inhouse) - Need request document with business requirements - open questions: user management for beneficiaries - SOP in development - Credential management ? - use a portal outside openimis (no access to openIMIS data) 2nd factor done through mobile number	01.10.2020
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?) - status follow up need because of change of ED	03.09.2020
203	Apple Icon	A	- Try to get rid of the Terminal.icns in the far remote dependencies of create-react-app because it is copyrighted by Apple. - fork is not practical - maybe dependency can be removed	29.10.2020
204	Students	A	- Can we recruit students for a thesis? - Page to be created with possible thesis topics	12.11.2020
207	Contributions & Payment	I	Scope is defined and published on Wiki, welcoming comments: https://openimis.atlassian.net/wiki/spaces/OP/pages/1366163471/Contributions+Payment+module+scope - development in progress - waiting for release server	21.01.2021
208	Developer Workshop	D	- What about a Dev Workshop in January? Rather later in person (Nepal) - Intermediate sessions as needed (Kickoff for new 28.11.)	21.01.2021
215	openIMIS Capacity Building	I	- The Initiative is gathering developers training needs - If the committee has ideas, please share	07.01.2021
216	Google Summer of Code	A	- Do we have tasks that could be done this year? - Mobile App (FHIR) - Wait for Kick-Off T3	21.01.2021
217	Windows Server Licenses	A	2x Windows Server 2019 Standard license required - GIZ procurement (~ 2x 700 EUR)	21.01.2021

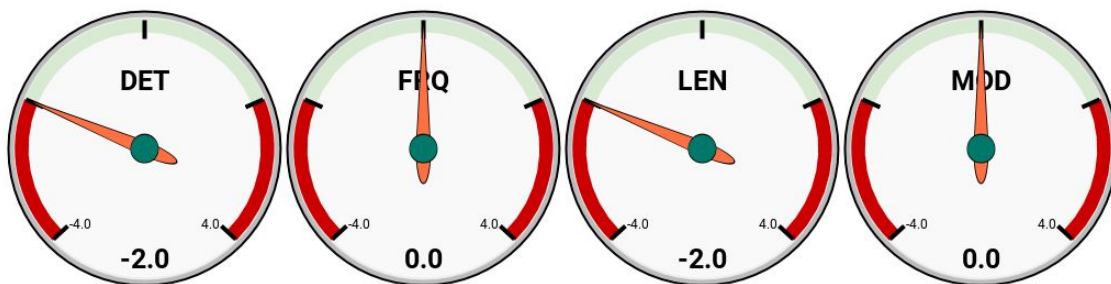| 218	Server issue	A	- Demo server seems to go offline for some reasons: - firewalld-cmd --reload need to be done on the main server - Possible root cause: issue between libvirt and nftables (new iptables in ubuntu 20 and centos 8) → likely to be triggered by automatic updates and reboot at 6 every morning → update planned only once a week now at 18h on saturday only for security patches - Work around (if the issue continue): set up S2 using older OSes (centOs7 or ubuntu 18/.04)	21.01.2021
219	bulk change	A	- allow bulk change not only on selected but also on all the search results (e.g.) - Claim-AI: Adding report generation on Claim Review page based on search form	21.01.2021

Meeting evaluation:

Records

1

Overall Mood

GFL **5.0**

PRG **4.0**

USE **5.0**

Event Parameters

DET **-2.0**

FRQ **0.0**

LEN **-2.0**

MOD **0.0**

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]