openIMIS Developers Committee Minutes

Title	Developers Committee Meeting			Date	12/11/2020
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? - 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] - GUID fetches for insurees & coverage are done one by one - Can Java Adapter be replaced with openHIM? Check with DHIS2 developers (Morten)	12/11/2020
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) - new proposal for managing history: https://django-simple-history.readthedocs.io/en/latest/ - New developers on SolDevelo side	05/11/2020
92	openHIM	I	- OpenHIM sandbox server: - https://sandbox.openhim.org/ - Login details on home page - calls between Healthix & OpenHIM ongoing - testing started	17.09.2020
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
111	Notice D.1	I	general contract extension to 2021 is accepted, additional three months very likely, BMZ reaction needed	15.10.2020
115	Integration of Nepal .NET feature into	A	- Upload tool for attachments to claims (license?) - Code will be uploaded on a daily basis (https://github.com/purusap/web_app_vb) - pull request to develop branch (after the release)	12.11.2020

	legacy system		- some feature switching needed in legacy for feature not cover by new architecture - 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	- Accident insurance required in the context of new Nepali instance Benefit: Salary substitution in case of accident - Rhein-Sieg University designed business processes - https://openimis.atlassian.net/wiki/spaces/OP/pages/1343783009/Accident+insurance - 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 - contracted of technical consults, need to be onboarded	12.11.2020
127	Publish APK on Gplay	A	- Privacy policy OK - Push blocked by google because a permission require justification (multi-select list) #148	12.11.2020
131	New provider for the server and domain name	D	- https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server%2BLandscape - currently Nepali provider does a managed server (Windows), MS SQL is done by GIZ - aligning with GIZ restrictions for tendering services - stay with dedicated server - TOR s are with admins	12.11.2020
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	12.11.2020
136	AI Project	A	- openIMIS AI-based Claim Adjudication - TAG needs to be invoked !!! - work started on development of AI models - waiting for feedback from the Insurance board for data analysis and modules specification (!) - Looking on ways to give Rejection Justification - flag Rejected Claims to be reviewed by Medical Officers (~3% of current labeled data) - responsibility is on Medical Officers on the rejected/flagged claims - started to classify the rejection reasons found in the dataset (in the Justification and Adjustment fields), which will also be used for the rejection reason given by the AI model - Quality Monitor Module is dependent on Claim-AI Module if new fields are added - Regular meetings to be organised (every two weeks) - Waiting for decision from NHIB about the activation method: event-based, schedule task, manual activation	05.11.2020
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 - 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	27.08.2020

			separately to Instant OpenHIE platform, with a standard way to connect to Instant). ● openIMIS could use the passthrough mediator (no mediator to add)	
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 ● Blocked by 131 ● Alternative: Resources on Amazon Cloud available if OpernIMIS is compliant to OpenHIE deployment	15.10.2020
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 - scope might be rather big ● all: lock for ressources and options	12.11.2020
157	Developer training	A	● will be merged with the country customization trainings ● Notice E0 application launched #161 ● https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit ● All videos released ● Look at the videos as preparation for the virtual workshop (Q&A session ~ 2 hrs maybe in first week of November) ● Doodle for Q&A date (19.11. - 10:00 - 12:00 CET): https://doodle.com/poll/fs389g77yn686euz ● app, 10 interested candidates	12.11.2020
159	Simplify openIMIS reference package	D	● Simplify+openIMIS+reference+package ● copy react code into legacy zip file ● next release: check reverse proxy option ● Notice E0 application accepted!	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! ● Improve quality assurance - rejected ● Develop technical documentation - rejected	05.11.2020
164	Roadmap	I	● Old roadmap documents need updating e.g. for the new tender processes #167. ● Expect heavy Wiki harvesting & restructuring ● Update will happen after contract sign for FS	03.09.2020

			● https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap ● need to present to SDC by end of month	
167	New GIZ Tenders	I	● T1: started ● T2a: online ● T2b: online ● T2c: online ● T3: is in selection	12.11.2020
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	D	● New features are requested by HIB ● Puru will submit the new features on Jira (part already on jira) ● contracting out in Nepal	27.08.2020
184	FS FHIR - SOSYS integration	A	● waiting for feedback from Nepal about the usage of FHIR for FS integration: ● risk factor in the delay waiting for the response/approval ● API document from SOSYS came in and is being revised ● Development started, scope document circulated	12.11..2020
185	Policy module migration - analysis & questions	I	● Some questions still open (e.g. how to add a family member in existing policy coverage: via 'renewal' ??) ● look at defaults table: tblIMISDefaults (scripts from db develop branch) ● new version on release.openimis.org ● close to final version ● Welcoming all tests and comments. no feedback, yet	12.11.2020
188	Product redesign for migration		● 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	22.10.2020
189	Insurees & Family	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, no feedback, yet	01.10.2020

190	self registration (general)		● 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
195	DB performance	A	● Env variable is added in legacy Web Application 1.5.0 to limit the maximum number of insuree, family, policy,claim,claim review, contribution, payment	15.10.2020

			● New Indexes were created which improves the DB access speed	
198	October 2020 Release	I	● October package (incl. demo server update) 　○ will not contain Family&Insurees module 　○ https://openimis.atlassian.net/projects/OP/versions/10006/tab/release-report-warnings ● Mainly a bug-fixing release ● Packaging planned until next week ● Offline/demo DB creation SQL as additional script on top of the online	12.11.2020
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		● can we recruit students for a thesis etc	12.11.2020
205	API for Claim Attachments	A	● Nepal requires an API endpoint to upload attachments for Claims ● Can be implemented into FHIR Claim resource (binary resource?) via graphSQL ● Potential problem with large documents ● need to see who	12.11.2020