

Title	Developers Committee Meeting		Date	24/09/2020
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	<ul style="list-style-type: none"> 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 Need to verify compatibility with other licenses (Django, reportbro ('lib version') for PDFs etc.) - set up TAG with Carl F: https://openimis.atlassian.net/wiki/spaces/OP/pages/134103051/1/Third+Party+Software+Licenses Info from call with Digital Square: <ul style="list-style-type: none"> 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) German lawyer sent preliminary report, call on results today 	10.09.2020
59	DHIS2 Integration	I	<ul style="list-style-type: none"> 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] STPH starts testing with TZ settings <ul style="list-style-type: none"> Use RestAPI for sync locations, proposal to user fhir R4 (location has parent) Not "catch-up" mechanism to fetch claims older than one day Patrick worked on import fixes DHIS2 Annual academy: presentation on 24.09 problems with org-units, issue with dashboard build up 	24.09.2020
73	RFC Formal Sector enrollment	I	<ul style="list-style-type: none"> Specification available here. (Cambodia) Enrollment+Registration (Nepal) SOSYS Data structure needed to ensure that FS datamodel is compatible (REALLY IMPORTANT) #184 Healthix line IT director from SSF joined not advisable to use Django admin for user roles 	24.09.2020
92	openHIM	I	<ul style="list-style-type: none"> OpenHIM sandbox server: https://sandbox.openhim.org/ <ul style="list-style-type: none"> Login details on home page calls between Healthix & OpenHIM ongoing testing started 	17.09.2020
105	List of modules	D	<ul style="list-style-type: none"> 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 	14.05.2020

			<ul style="list-style-type: none"> • https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping • mapping to be reviewed - <ul style="list-style-type: none"> • action needed for new developments and releases & roadmap 	
11 1	Notice D.1	I	<ul style="list-style-type: none"> • general contract extension to 2021 is accepted, additional three months very likely • contract process making huge progress <ul style="list-style-type: none"> ○ signed: BlueSquare, SwissTPH AI, SwissTPH Formal Sector ○ almost signed: Healthix 	10.09.2020
11 5	Integration of Nepal .NET feature into legacy system	A	<ul style="list-style-type: none"> • 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) • some feature switching needed in legacy for feature not cover by new architecture 	23.07.2020
12 4	Accident Insurance	A	<ul style="list-style-type: none"> • 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 was sent to SSF for further discussion • https://openimis.atlassian.net/wiki/spaces/OP/pages/1343783009/Accident+insurance • SOP document is final, will be shared after revision • TOR for contract under revision • 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 	10.09.2020
12 7	Publish APK on Gplay	A	<ul style="list-style-type: none"> • Privacy policy OK • Push blocked by google because a permission require justification (multi-select list) • Fix in next phase 	03.09.2020
13 1	New provider for the server and domain name	D	<ul style="list-style-type: none"> • 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 • Current contracts extended until end of year 	16.07.2020
13 5	Modular version Install Nepal	A	<ul style="list-style-type: none"> • 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 being defined, set up a project 	24.09.2020
13 6	AI Project	A	<ul style="list-style-type: none"> • TAG needs to be invoked !!! • openIMIS-AI+-+Input+data+model • openIMIS-AI+-+2.+FHIR+claim+input+data+for+AI • work started on normalisation & data analysis • feedback from Insurance board for analysis needed • Looking on ways to give Rejection Justification <ul style="list-style-type: none"> ○ flag Rejected Claims to be reviewed by Medical Officers (~3% of current labeled data) ○ responsibility is on Medical Officers on the rejected claims • Quality Monitor Module is dependent on Claim-AI Module if new fields are added <ul style="list-style-type: none"> ○ if claim are flagged, existing Claim module with small adaptations is sufficient • Regular meetings to be organised (bi-monthly) 	17.09.2020

137	instant openHIE	I	<ul style="list-style-type: none"> 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). Demo on 24 Aug on OpenHIE https://wiki.ohie.org/display/resources/OpenHIE+Community+Call (recorded version online) openIMIS could use the passthrough mediator (no mediator to add) 	27.08.2020
141	Demo instances for the integrations C1	A	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> dhis2.openimis.org openmrs.openimis.org bahmni.openimis.org (openMRS/Bahmni) new+openIMIS+installations Can we use instant openHIE Blocked by 131 Alternative: Resources on Amazon Cloud available if OpenIMIS is compliant to OpenHIE deployment 	20.08.2020
147	Tanzania implementation	I	<ul style="list-style-type: none"> GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested Mission to TZ early May (COVID block) some fixes on legacy master need to be done, will affect BlueSquare during iteration on Contributions batch run needs adaptations (e.g. capitation calculation) 	24.09.2020
148	Mobile technology for openIMIS	I	<ul style="list-style-type: none"> Nils Concept link to wiki page links: #127, #193 	03.09.2020
157	Developer training	A	<ul style="list-style-type: none"> will be merged with the country customization trainings Notice E0 application launched #161 GIZ contract signed, work started https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit First video on youtube: https://www.youtube.com/watch?v=JdmsB7CFEhY new clips out , more to come 	24.09.2020
159	Simplify openIMIS reference package	D	<ul style="list-style-type: none"> Simplify+openIMIS+reference+package copy react code into legacy zip file next release: check reverse proxy option Notice E0 application launched #161 	14.05.2020
160	openIMIS developer tools	A	<ul style="list-style-type: none"> Modular developer starting kit: initialize BE and FE modules in development mode <ul style="list-style-type: none"> 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 launched #161 	14.05.2020

161	Shelf-Readiness (E0)	I	https://wiki.digitalsquare.io/index.php/Shelf_Readiness <ul style="list-style-type: none"> - open funding under Notice E0 (https://applications.digitalsquare.io) <u>Swiss TPH, Bluesquare, SolDevelo proposal:</u> <ul style="list-style-type: none"> • Improve FHIR module • Improve packaging and installation (#159) • Improve quality assurance • Develop technical documentation (#157) <ul style="list-style-type: none"> • DS Peer review ending on 21.08.2020 (not the decision date) 	30.07.2020
164	Roadmap	I	<ul style="list-style-type: none"> • 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 • https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap • need to present to SDC by end of month 	03.09.2020
165	Client Registry (E1)	I	openimis-based-client-registry <ul style="list-style-type: none"> • proposal in notice E1 (in review stage, notification end for sept) • Peer review ending on 21.08.2020 (not the decision date) 	09.07.2020
167	New GIZ Tenders	W	<ul style="list-style-type: none"> • T1: is online, applications are possible • T3: fin the pipeline 	24.09.2020
176	Video tutorials (Impl)	I	<ul style="list-style-type: none"> • 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
177	DB Auditing and versioning	A	<ul style="list-style-type: none"> • How should DB auditing be done? Changes might come up with the formal sector. • https://openimis.atlassian.net/wiki/spaces/OP/pages/1233616897/Database+records+versioning+history • Performance problems seen and hot-fixed in TZ, NP coming up with the same problem - how long will this hold? Would be better after the DB migration (e.g. end of 2021) • how to manage the historical values? • Meeting to be planned on 13.08? • Example to be added to the page (AP Patrick) 	27.08.2020
179	Gambia	A	<ul style="list-style-type: none"> • Role management • waiting for contribution to github • need to work on dependency with stored procedures • http://test.nanagambia.com/ • User ID: demo • Password: Demo@123 	20.08.2020
183	Nepal new features	D	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • waiting for feedback from Nepal about the usage of FHIR for FS integration: • risk factor in the delay waiting for the response/approval 	13.08.2020
185	Policy module migration - analysis & questions	I	<ul style="list-style-type: none"> • First draft analysis of Policy module in wiki (with mocks) • 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) • closing up discussions with implementers 	17.09.2020
188	Product redesign for migration		<ul style="list-style-type: none"> • Before going for the product migration, should we make the payment to Hf (to insuree ?) as separate modules (like RBF, ... 	13.08.2020

			<p>) that could be added to openIMIS, in addition it will simplify the page in case only one way of payment is activated.</p> <ul style="list-style-type: none"> • To be discussed if the parameters for validation of claim should also be documented in separate module (sound risky, heavily linked to claim modules) • call in first week of September 	
189	Insurees & Family	I	<ul style="list-style-type: none"> • 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 	10.09.2020
190	self registration (general)		<ul style="list-style-type: none"> • Might come up as a activity from Nepal (inhouse) • Need request document with business requirements • open questions: user management for beneficiaries • SOP in development 	17.09.2020
191	Configuration		<ul style="list-style-type: none"> • configuration options need to be streamlined (shared configurations) • How to align config between legacy and modular ? • proposal: DB table for configs? • Please check comments at https://openimis.atlassian.net/wiki/spaces/OP/pages/1365999627/Policies+module+scope 	03.09.2020
192	FHIR perf		<ul style="list-style-type: none"> • Need to improve FHIR performance and efficiency (do we need to share 100 times the same urls). • batch made for DHIS2 & AI - pushing&pulling • hack django JSON module? 	10.09.2020
193	Client self management Mobile App in Nepal		<ul style="list-style-type: none"> • 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
194	DB Structure	A	<ul style="list-style-type: none"> • rethink database structure, data model, indexing, archiving • mid-term 	17.09.2020
195	DB performance	A	<ul style="list-style-type: none"> • Family, claim, insuree, policy • prepare information & organize call next week • NP & TZ figures needed 	17.09.2020
196	Auto-increment build version	I	<ul style="list-style-type: none"> • added in legacy WebApp • format Year.Month.Day.Build 	23.09.2020
197	Error logging	D	<ul style="list-style-type: none"> • legacy WebApp: errors logged in Win EventLog • created shared Log method to allow additional mechanisms to be added 	23.09.2020