

Title		Developers Committee Meeting		Date	22/10/2020
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 German lawyer sent preliminary report, waiting for DEZA reaction 	08.10.2020
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 working on import fixes, API Java adapter is taking too long without batchmode for initial load GUID fetches for insurances & coverage are done one by one 	22/10/2020
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) new proposal for managing history: https://django-simple-history.readthedocs.io/en/latest/ 	22.10.2020
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 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 	14.05.2020
111	Notice D.1	I	<ul style="list-style-type: none"> 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 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 • 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 	22.10.2020
124	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
127	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
131	New provider for the server and domain name	D	<ul style="list-style-type: none"> • 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 servers 	22.10.2020
135	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
136	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 development of AI models • started to classify the rejection reasons found in the dataset (in the Justification and Adjustment field), which will also be used for the rejection reason given by the AI model • 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) • full Nepali database (6Mio claims) is available 	22.10.2020

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). 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 new+openIMIS+installations https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server+Landscape Blocked by 131 Alternative: Resources on Amazon Cloud available if OpenIMIS is compliant to OpenHIE deployment 	15.10.2020
147	Tanzania implementation	I	<ul style="list-style-type: none"> GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested some fixes on legacy master need to be done, will affect BlueSquare during iteration on Contributions 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 	22.10.2020
148	Mobile technology for openIMIS	I	<ul style="list-style-type: none"> Niils 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 https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit Backend #2 out during Gumzo, #3 will be out shortly. start looking at the videos as preparation for the virtual workshop (Q&A session ~ 2 hrs maybe in first week of November) 	22.10.2020
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	<p>https://wiki.digitalsquare.io/index.php/Shelf_Readiness</p> <ul style="list-style-type: none"> open funding under Notice E0 (https://applications.digitalsquare.io) <p>Swiss TPH, Bluesquare, SolDevelo proposal:</p> <ul style="list-style-type: none"> Improve FHIR module Improve packaging and installation (#159) Improve quality assurance 	30.07.2020

			<ul style="list-style-type: none"> Develop technical documentation (#157) E0 decisions Postone to November https://wiki.digitalsquare.io/images/7/76/Notice_E0_Mod_-1.pdf	
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 Nov. 2020 (not the decision date) https://wiki.digitalsquare.io/images/5/5f/Notice_E1_Mod_-1.pdf 	09.07.2020
167	New GIZ Tenders	I	<ul style="list-style-type: none"> T1: applications are in review T3: is online 	15.10.2020
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) Example to be added to the page (AP Patrick) Auditing: <ul style="list-style-type: none"> https://django-simple-history.readthedocs.io/en/latest/ 	22.10.2020
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: <ul style="list-style-type: none"> risk factor in the delay waiting for the response/approval API document from SOSYS came in and is being revised 	08.10.2020
185	Policy module migration - analysis & questions	I	<ul style="list-style-type: none"> 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) first intermediate version on release.openimis.org 	22.10.2020
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, ...) 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/New+data+structure 	22.10.2020
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 	01.10.2020

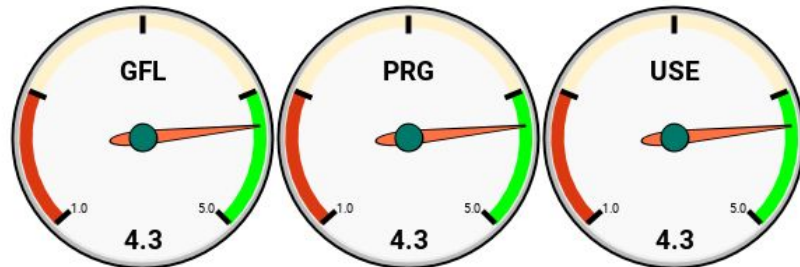
190	self registration (general)		<ul style="list-style-type: none"> ● Might come up as a activity from Nepal (inhouse) ● Need request document with business requirements ● open questions: user management for beneficiaries ● SOP in development ● Credential management ? <ul style="list-style-type: none"> ○ use a portal outside openimis (no access to openIMIS data) ○ 2nd factor done through mobile number 	01.10.2020
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 ● https://openimis.atlassian.net/browse/OP-251 ● Performance improved after applying optimizations (mainly prefetch with cache) 	15.10.2020
193	Client self management Mobile App in Nepal	I	<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
195	DB performance	A	<ul style="list-style-type: none"> ● Family, claim, insuree, policy ● prepare information & organize call next week ● Check location filter, Validity filter ● To be check the way on legacy ● Clean database. ● NP & TZ figures needed ● call after this meeting ● Proposal: <ul style="list-style-type: none"> ○ limiting the results to 1000 entries ○ moving the historical data to another table 	15.10.2020
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 ● -> try sending email with Django 	01/10/2020
198	October 2020 Release	I	<ul style="list-style-type: none"> ● October package (incl. demo server update) <ul style="list-style-type: none"> ○ will not contain Family&Insurees module ○ https://openimis.atlassian.net/projects/OP/versions/10006/tabs/release-report-warnings ● Mainly a bug-fixing release ● Packaging planned until tomorrow ● Offline/demo DB creation SQL as additional script on top of the online 	22.10.2020
202	Nepali Holidays	I	from 23.10. - 01.11.2020 Nepal will be in party mode (Dashain festival)	22.10.2020

Meeting evaluation:

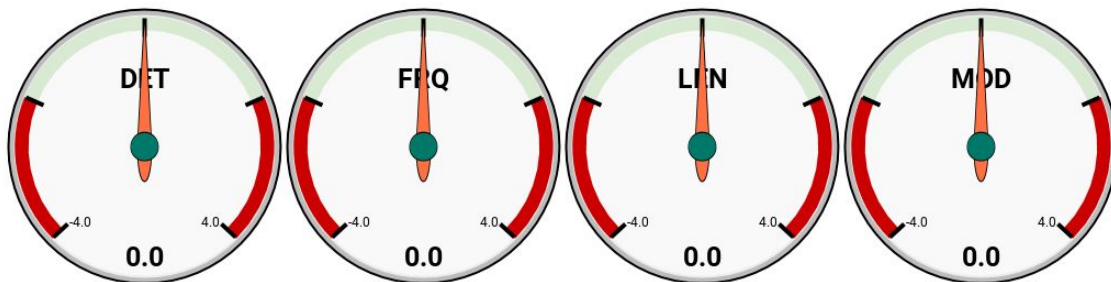
Records

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Overall Mood



Event Parameters



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]