

<b>Title</b>	<b>Developers Committee Meeting</b>		<b>Date</b>	<b>15/10/2020</b>
<b>Location</b>	<a href="https://meet.jit.si/openIMISDevelopers">https://meet.jit.si/openIMISDevelopers</a>		<b>Time</b>	<b>09:00 CEST</b>
<b>Meeting called by</b>	openIMIS Initiative	<b>Type of meeting</b>	Weekly Call	
<b>Facilitator</b>	All	<b>Note taker</b>	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"> <li>Will there be a problem with external security-related code because of the copy-left clause?</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/40566798/Licenses">https://openimis.atlassian.net/wiki/spaces/OP/pages/40566798/Licenses</a></li> <li>German lawyer sent preliminary report, waiting for DEZA reaction</li> </ul>	08.10.2020
59	DHIS2 Integration	I	<ul style="list-style-type: none"> <li>FHIR API <a href="https://github.com/hispindia/openimis-be-api_fhir_py">https://github.com/hispindia/openimis-be-api_fhir_py</a></li> <li>Wiki page for Extension Descriptions - [<a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/961544193/FHIR+Extensions">https://openimis.atlassian.net/wiki/spaces/OP/pages/961544193/FHIR+Extensions</a>]</li> <li>STPH starts testing with TZ settings               <ul style="list-style-type: none"> <li>Use RestAPI for sync locations, proposal to user fhir R4 (location has parent)</li> <li>Not "catch-up" mechanism to fetch claims older than one day</li> </ul> </li> <li>Patrick working on import fixes, API Java adapter is taking too long without batchmode for initial load</li> </ul>	15/10/2020
73	RFC Formal Sector enrollment	I	<ul style="list-style-type: none"> <li><a href="#">Specification available here.</a> (Cambodia)</li> <li><a href="#">Enrollment+Registration</a> (Nepal)</li> <li>SOSYS Data structure needed to ensure that FS datamodel is compatible (REALLY IMPORTANT)</li> <li>#184 Healthix line</li> <li>IT director from SSF joined</li> <li>not advisable to use Django admin for user roles</li> <li>interface document from SOSYs in review</li> </ul>	08.10.2020
92	openHIM	I	<ul style="list-style-type: none"> <li>OpenHIM sandbox server:</li> <li><a href="https://sandbox.openhim.org/">https://sandbox.openhim.org/</a> <ul style="list-style-type: none"> <li>Login details on home page</li> </ul> </li> <li>calls between Healthix &amp; OpenHIM ongoing</li> <li>testing started</li> </ul>	17.09.2020
105	List of modules	D	<ul style="list-style-type: none"> <li>JLN: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC">https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC</a></li> <li>List made by Xavier commented by Patrick</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins">https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955/openIMIS+Plugins</a></li> <li>Will be discussed after notice D.1 project start</li> <li>Discussion at openHIE: disconnect technical and front end level of "modules" - FE=JLN, BE=technical aspect</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping">https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping</a></li> <li>mapping to be reviewed -               <ul style="list-style-type: none"> <li>action needed for new developments and releases &amp; roadmap</li> </ul> </li> </ul>	14.05.2020
111	Notice D.1	I	<ul style="list-style-type: none"> <li>general contract extension to 2021 is accepted, additional three months very likely, BMZ reaction needed</li> </ul>	15.10.2020

115	Integration of Nepal .NET feature into legacy system	A	<ul style="list-style-type: none"> <li>• Upload tool for attachments to claims (license?)</li> <li>• Code will be uploaded on a daily basis (<a href="https://github.com/purusap/web_app_vb">https://github.com/purusap/web_app_vb</a>)</li> <li>• pull request to develop branch (after the release)</li> <li>• some feature switching needed in legacy for feature not cover by new architecture</li> </ul>	23.07.2020
124	Accident Insurance	A	<ul style="list-style-type: none"> <li>• Accident insurance might be required in the context of new Nepali instance - a case for MIFOS?</li> <li>• Benefit: Salary substitution in case of accident</li> <li>• consultant (University from Germany?) coming in week 2 of Feb for SOPs</li> <li>• Rhein-Sieg University will map out business processes, draft report was sent to SSF for further discussion</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/134378300/9/Accident+insurance">https://openimis.atlassian.net/wiki/spaces/OP/pages/134378300/9/Accident+insurance</a></li> <li>• SOP document is final, will be shared after revision</li> <li>• TOR for contract under revision</li> <li>• How the payment to insuree/company will be stored, will it be generic enough for other cash payments ?</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/171969740/9/Employment+Injury+Insurance+--+Social+Security+Fund+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/171969740/9/Employment+Injury+Insurance+--+Social+Security+Fund+Nepal</a></li> </ul>	10.09.2020
127	Publish APK on Gplay	A	<ul style="list-style-type: none"> <li>• <a href="#">Privacy policy</a> OK</li> <li>• Push blocked by google because a permission require justification (multi-select list)</li> <li>• Fix in next phase</li> </ul>	03.09.2020
131	New provider for the server and domain name	D	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server%2BLandscape">https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server%2BLandscape</a></li> <li>• currently Nepali provider does a managed server (Windows), MS SQL is done by GIZ</li> <li>• aligning with GIZ restrictions for tendering services</li> </ul>	15.10.2020
135	Modular version Install Nepal	A	<ul style="list-style-type: none"> <li>• Install and test modular version in Nepal</li> <li>• Data exchange with BAHMNI (PossibleHealth) will also go live, testing ongoing (some requirement from AB are missing)</li> <li>• <a href="http://imisbeta.hib.gov.np">http://imisbeta.hib.gov.np</a></li> <li>• support is being defined, set up a project</li> </ul>	24.09.2020
136	AI Project	A	<ul style="list-style-type: none"> <li>• TAG needs to be invoked !!!</li> <li>• <a href="#">openIMIS-AI+--+Input+data+model</a></li> <li>• <a href="#">openIMIS-AI+--+2.+FHIR+claim+input+data+for+AI</a></li> <li>• work started on normalisation &amp; data analysis</li> <li>• feedback from Insurance board for analysis needed</li> <li>• Looking on ways to give Rejection Justification <ul style="list-style-type: none"> <li>◦ flag Rejected Claims to be reviewed by Medical Officers (~3% of current labeled data)</li> <li>◦ responsibility is on Medical Officers on the rejected claims</li> </ul> </li> <li>• Quality Monitor Module is dependent on Claim-AI Module if new fields are added <ul style="list-style-type: none"> <li>◦ if claim are flagged, existing Claim module with small adaptations is sufficient</li> </ul> </li> <li>• Regular meetings to be organised (bi-monthly)</li> <li>• full Nepali database (6Mio claims) is available</li> </ul>	01.10.2020
137	instant openHIE	I	<ul style="list-style-type: none"> <li>• Project for setting up an Instant OpenHIE infrastructure is started</li> <li>• Project page: <a href="https://wiki.ohie.org/display/resources/Instant+OpenHIE">https://wiki.ohie.org/display/resources/Instant+OpenHIE</a></li> <li>• <a href="#">Instant OpenHIE Architecture doc</a></li> <li>• 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)</li> </ul>	27.08.2020

			<p>separately to Instant OpenHIE platform, with a standard way to connect to Instant).</p> <ul style="list-style-type: none"> <li>• Demo on 24 Aug on OpenHIE <a href="https://wiki.ohie.org/display/resources/OpenHIE+Community+Call">https://wiki.ohie.org/display/resources/OpenHIE+Community+Call</a> (recorded version online)</li> <li>• openIMIS could use the passthrough mediator (no mediator to add)</li> </ul>	
141	Demo instances for the integrations C1	A	<ul style="list-style-type: none"> <li>• Demo instances of OpenMRS, Bahmni and DHIS2 integrations</li> <li>• <a href="#">new+openIMIS+installations</a></li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server+Landscape">https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server+Landscape</a></li> <li>• Blocked by 131</li> <li>• Alternative: Resources on Amazon Cloud available if OpenIMIS is compliant to OpenHIE deployment</li> </ul>	15.10.2020
147	Tanzania implementation	I	<ul style="list-style-type: none"> <li>• GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested</li> <li>• Mission to TZ early May (COVID block)</li> <li>• some fixes on legacy master need to be done, will affect BlueSquare during iteration on Contributions</li> <li>• batch run needs adaptations (e.g. capitation calculation)</li> <li>• integration with accounting system - which would be the workflows and messages/resources</li> </ul>	08.10.2020
148	Mobile technology for openIMIS	I	<ul style="list-style-type: none"> <li>• <a href="#">Niils Concept</a></li> <li>• <a href="#">link to wiki page</a></li> <li>• links: #127, #193</li> </ul>	03.09.2020
157	Developer training	A	<ul style="list-style-type: none"> <li>• will be merged with the <a href="#">country customization trainings</a></li> <li>• Notice E0 application launched #161</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit">https://openimis.atlassian.net/wiki/spaces/OP/pages/1277493249/Developer+starting+kit</a></li> <li>• <a href="#">Backend #2</a> out during Gumzo, #3 will be out shortly.</li> <li>• start looking at the videos as preparation for the virtual workshop (Q&amp;A session ~ 2 hrs maybe in first week of November)</li> </ul>	08.10.2020
159	Simplify openIMIS reference package	D	<ul style="list-style-type: none"> <li>• <a href="#">Simplify+openIMIS+reference+package</a></li> <li>• copy react code into legacy zip file</li> <li>• next release: check reverse proxy option</li> <li>• Notice E0 application launched #161</li> </ul>	14.05.2020
160	openIMIS developer tools	A	<ul style="list-style-type: none"> <li>• Modular developer starting kit: initialize BE and FE modules in development mode <ul style="list-style-type: none"> <li>○ install tools</li> <li>○ clone github repos</li> <li>○ make links to assembly</li> </ul> </li> <li>• <a href="https://github.com/openimis/openimis-dev-tools/tree/develop">https://github.com/openimis/openimis-dev-tools/tree/develop</a></li> <li>• Allow the installation of Python and git?</li> <li>• Notice E0 application launched #161</li> </ul>	14.05.2020
161	Shelf-Readiness (E0)	I	<p><a href="https://wiki.digitalsquare.io/index.php/Shelf_Readiness">https://wiki.digitalsquare.io/index.php/Shelf_Readiness</a></p> <ul style="list-style-type: none"> <li>- open funding under Notice E0 (<a href="https://applications.digitalsquare.io">https://applications.digitalsquare.io</a>)</li> </ul> <p><a href="#">Swiss TPH, Bluesquare, SolDevelo proposal:</a></p> <ul style="list-style-type: none"> <li>• Improve FHIR module</li> <li>• Improve packaging and installation (#159)</li> <li>• Improve quality assurance</li> <li>• Develop technical documentation (#157)</li> <li>• E0 decisions Postone to November</li> </ul> <p><a href="https://wiki.digitalsquare.io/images/7/76/Notice_E0_Mod_-1.pdf">https://wiki.digitalsquare.io/images/7/76/Notice_E0_Mod_-1.pdf</a></p>	30.07.2020
164	Roadmap	I	<ul style="list-style-type: none"> <li>• Old roadmap documents need updating e.g. for the new tender processes #167.</li> <li>• Expect heavy Wiki harvesting &amp; restructuring</li> </ul>	03.09.2020

			<ul style="list-style-type: none"> <li>Update will happen after contract sign for FS</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap">https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/Product+Roadmap</a></li> <li>need to present to SDC by end of month</li> </ul>	
165	Client Registry (E1)	I	<a href="#">openimis-based-client-registry</a> <ul style="list-style-type: none"> <li>proposal in notice E1 (in review stage, notification end for sept)</li> <li>Peer review ending on Nov. 2020 (not the decision date)</li> <li><a href="https://wiki.digitalsquare.io/images/5/5f/Notice_E1_Mod_-1.pdf">https://wiki.digitalsquare.io/images/5/5f/Notice_E1_Mod_-1.pdf</a></li> </ul>	09.07.2020
167	New GIZ Tenders	I	<ul style="list-style-type: none"> <li>T1: applications are in review</li> <li>T3: is online</li> </ul>	15.10.2020
176	Video tutorials (Impl)	I	<ul style="list-style-type: none"> <li><a href="#">Session 1</a> - openIMIS Legacy Web Application</li> <li><a href="#">Session 2</a> - openIMIS Legacy Web Application Localization</li> <li>Session 1 Q&amp;A session <a href="#">linked in the wiki</a></li> <li>Session 3 might have to be postponed to avail time for maintenance</li> </ul>	13.08.2020
177	DB Auditing and versioning	A	<ul style="list-style-type: none"> <li>How should DB auditing be done? Changes might come up with the formal sector.</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1233616897/Database+records+versioning+history">https://openimis.atlassian.net/wiki/spaces/OP/pages/1233616897/Database+records+versioning+history</a></li> <li>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)</li> <li>how to manage the historical values?</li> <li>Meeting to be planned on 13.08?</li> <li>Example to be added to the page (AP Patrick)</li> </ul>	27.08.2020
183	Nepal new features	D	<ul style="list-style-type: none"> <li>New features are requested by HIB</li> <li>Puru will submit the new features on Jira (part already on jira)</li> <li>contracting out in Nepal</li> </ul>	27.08.2020
184	FS FHIR - SOSYS integration	A	<ul style="list-style-type: none"> <li>waiting for feedback from Nepal about the usage of FHIR for FS integration:</li> <li>risk factor in the delay waiting for the response/approval</li> <li>API document from SOSYS came in and is being revised</li> </ul>	08.10.2020
185	Policy module migration - analysis & questions	I	<ul style="list-style-type: none"> <li><a href="#">First draft analysis of Policy module</a> in wiki (with mocks)</li> <li>Some questions still open (e.g. how to add a family member in existing policy coverage: via 'renewal' ??)</li> <li><a href="#">look at defaults table: tblMISDefaults</a> (scripts from db develop branch)</li> <li>closing up discussions with implementers</li> </ul>	17.09.2020
188	Product redesign for migration		<ul style="list-style-type: none"> <li>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.</li> <li>To be discussed if the parameters for validation of claim should also be documented in separate module (sound risky, heavily linked to claim modules)</li> <li>call in first week of September</li> </ul>	13.08.2020
189	Insurees & Family	I	<ul style="list-style-type: none"> <li>Insurees &amp; Families 'write' features (create, move,...) to be deployed 'rough' (i.e. with bugs) today or tomorrow on <a href="https://release.openimis.org">release.openimis.org</a></li> <li>Objective: test (&amp; fix), document,... by end september</li> <li>Note: received test plan from implementers, implementers will be set up...</li> <li>Testing by AEHIN students</li> </ul>	01.10.2020
190	self registration (general)		<ul style="list-style-type: none"> <li>Might come up as a activity from Nepal (inhouse)</li> <li>Need request document with business requirements</li> <li>open questions: user management for beneficiaries</li> <li>SOP in development</li> <li>Credential management ?</li> </ul>	01.10.2020

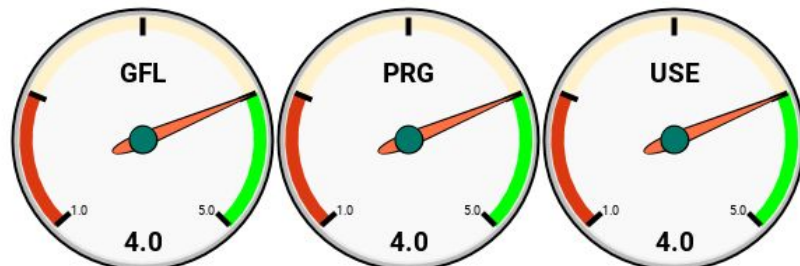
			<ul style="list-style-type: none"> <li>○ use a portal outside openimis (no access to openIMIS data)</li> <li>○ 2nd factor done through mobile number</li> </ul>	
192	FHIR perf		<ul style="list-style-type: none"> <li>● Need to improve FHIR performance and efficiency (do we need to share 100 times the same urls).</li> <li>● batch made for DHIS2 &amp; AI - pushing &amp; pulling</li> <li>● <a href="https://openimis.atlassian.net/browse/OP-251">https://openimis.atlassian.net/browse/OP-251</a></li> <li>● Performance improved after applying optimizations (mainly prefetch with cache)</li> </ul>	15.10.2020
193	Client self management Mobile App in Nepal	I	<ul style="list-style-type: none"> <li>● 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?)</li> <li>● status follow up need because of change of ED</li> </ul>	03.09.2020
195	DB performance	A	<ul style="list-style-type: none"> <li>● Family, claim, insuree, policy</li> <li>● prepare information &amp; organize call next week</li> <li>● Check location filter, Validity filter</li> <li>● To be check the way on legacy</li> <li>● Clean database.</li> <li>● NP &amp; TZ figures needed</li> <li>● call after this meeting</li> <li>● Proposal: <ul style="list-style-type: none"> <li>○ limiting the results to 1000 entries</li> <li>○ moving the historical data to another table</li> </ul> </li> </ul>	15.10.2020
197	Error logging	D	<ul style="list-style-type: none"> <li>● legacy WebApp: errors logged in Win EventLog</li> <li>● created shared Log method to allow additional mechanisms to be added</li> <li>● -&gt; try sending email with Django</li> </ul>	01/10/2020
198	October 2020 Release	I	<ul style="list-style-type: none"> <li>● October package (incl. demo server update) <ul style="list-style-type: none"> <li>○ will not contain Family&amp;Insurees module</li> </ul> </li> </ul>	15.10.2020
199	Jira configuration	D	<ul style="list-style-type: none"> <li>● Components fields should be marked as required?</li> <li>● Response: NO</li> </ul>	15.10.2020
200	Offline DB creation SQL	A	<ul style="list-style-type: none"> <li>● openIMIS_OFFLINE, openIMIS_OFFLINE_HF, openIMIS_ONLINE have 99.99% common code</li> <li>● how to reuse/call openIMIS_ONLINE in other SQLs?</li> </ul>	15.10.2020
201	DIIG	I	<ul style="list-style-type: none"> <li>● <a href="https://www.who.int/publications/i/item/who-digital-implementation-investment-guide">https://www.who.int/publications/i/item/who-digital-implementation-investment-guide</a></li> </ul>	15.10.2020

## Meeting evaluation:

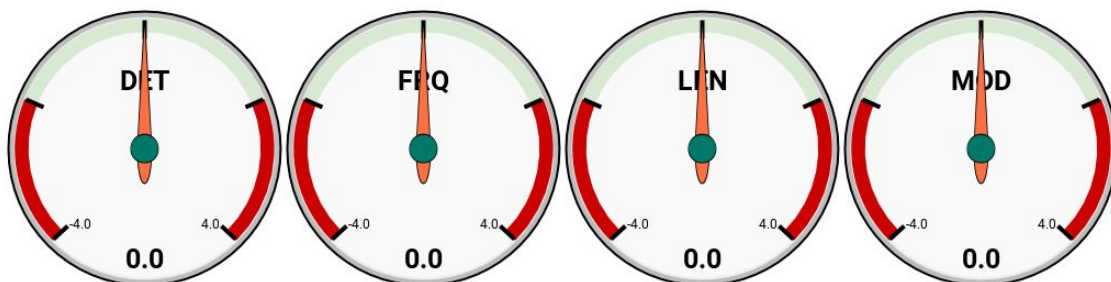
Records

1

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]