

<b>Title</b>	Developers Committee Meeting		<b>Date</b>	18/02/2021
<b>Location</b>	https://meet.jit.si/openIMISDevelopers		<b>Time</b>	09:00 CEST
<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>	29.10.2020
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>repository started to have DHIS2 as an openIMIS module <a href="https://github.com/openimis/openimis-be-dhis2_py">https://github.com/openimis/openimis-be-dhis2_py</a></li> <li>Test of new extractor on dev server with 3.2M Insurees =&gt; still slow</li> <li>DHIS2 load: new pusher manage 500 000 enrolment in 24h</li> <li>DB dump requested as some metadata - HISP India promised to sent it</li> </ul>	18.02.2021
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>Working on calculation module</li> </ul>	18.02.2021
92	openHIM	I	<ul style="list-style-type: none"> <li>OpenHIM sandbox server:               <ul style="list-style-type: none"> <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> </ul> </li> <li>start with synchronous or asynchronous exchange? Asynchronous mostly needed in FS</li> <li>Integration openHIM &amp; openIMIS done               <ul style="list-style-type: none"> <li>Python passthrough mediator</li> <li>Request to publish mediator on OpenHIM GitHub repository</li> </ul> </li> <li>Test instance upload on OpenHIM server will come</li> <li>Installation on new openIMIS servers? Docker file on github -&gt; STPH will deploy on test servers</li> </ul>	28.01.2021
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> <li>support from Tender 2 contract</li> </ul> </li> </ul>	04.02.2021

115	Integration of Nepal .NET feature into legacy system	A	<ul style="list-style-type: none"> <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> <li>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</li> <li><a href="https://github.com/openimis/web_app_vb/blob/develop/IMIS_BL/EscapeBL.vb#L38">https://github.com/openimis/web_app_vb/blob/develop/IMIS_BL/EscapeBL.vb#L38</a> on how to use compilation variation</li> </ul>	12.11.2020
124	Accident Insurance	A	<ul style="list-style-type: none"> <li>How the payment to insuree/company will be stored, will it be generic enough for other cash payments ? <ul style="list-style-type: none"> <li>AccIns will only cover claim response of valuated claim and payment is done in SOSYS</li> </ul> </li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1719697409/Employment+Injury+Insurance+--+Social+Security+Fund+Nepal">https://openimis.atlassian.net/wiki/spaces/OP/pages/1719697409/Employment+Injury+Insurance+--+Social+Security+Fund+Nepal</a></li> <li>requirements analysis started, wiki pages updated</li> <li>APIs started + Health Insurance Claim Form, Employer recommended form</li> <li>code needs to be send to github as soon as possible</li> <li>all coding done - entering testing phase</li> <li>presentation after this call</li> </ul>	18.02.2021
127	Publish APK on Gplay	A	<ul style="list-style-type: none"> <li><a href="#">Policies Demo Mobile App on Google Play</a></li> <li>Solution to improve the application (e.g. app name is Barcode Scanner on some phones)</li> <li>Please report any anomalies you identify</li> </ul>	21.01.2021
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>demo.openimis.org moved already</li> <li>need to plan website migration</li> <li>need windows server licenses / no GIZ framework contract</li> </ul>	04.02.2021
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 contracted from a local consultant</li> <li>Tickets created: Mainly slow claim opening <a href="#">OMT-272</a>, <a href="#">OMT-271</a>, <a href="#">OMT-273</a>, <a href="#">OMT-270</a></li> <li>Issues are performance related, see #224 below</li> <li>Target for 28.02.2021</li> </ul>	18.02.2021
136	AI Project	A	<ul style="list-style-type: none"> <li><a href="#">openIMIS AI-based Claim Adjudication</a></li> <li>Modules activate on mutation signals and scheduled task</li> <li>Looking on ways to give Rejection Justification</li> <li>WebSocket API between Claim-AI Quality and Claim-AI modules</li> <li>AI Alg. development finished: Voting system to get majority vote from all classifiers</li> <li>Workshop with Nepal in April</li> <li>GIZ internal presentation done - need to get in contact with GIZ India</li> </ul>	18.02.2021
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>Login screen for new modular version</li> <li>Instant openHIE is a solution to launch “docker stacks” of different health systems</li> </ul>	18.02.2021

			<ul style="list-style-type: none"> <li>• cross platform install will be possible</li> <li>• STPH will do presentation on Windows docker in next openHIE DevCal</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>• Alternative: Resources on Amazon Cloud available if openIMIS is compliant to OpenHIE deployment</li> <li>• Verify if all the source-codes are available</li> <li>• Reactivate Jemib after OpenHIM is on our infrastructure</li> </ul>	28.01.2021
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>• batch run needs adaptations (e.g. capitation calculation), closing account approach needed.</li> <li>• integration with accounting system - which would be the workflows and messages/ressources</li> <li>• National Rollout for e-payment delayed</li> <li>• Legacy upgrade done last week</li> </ul>	18.02.2021
148	Mobile technology for openIMIS	I	<ul style="list-style-type: none"> <li>• <a href="#">Nils Concept</a></li> <li>• <a href="#">link to wiki page</a></li> <li>• links: #127, #193</li> <li>• restart discussions? Target: define task for T1 or student - scope might be rather big</li> <li>• all: look for resources and options</li> </ul>	12.11.2020
157	Developer training	A	<ul style="list-style-type: none"> <li>• will be merged with the <a href="#">country customization trainings</a></li> <li>• <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>• Keep watching out for Tender 2 activities on capacity building</li> </ul>	28.01.2021
159	Simplify openIMIS reference package E0	D	<ul style="list-style-type: none"> <li>• <a href="#">Simplify+openIMIS+reference+package</a></li> <li>• Notice E0 application accepted! dates to be defined</li> <li>• Due date is end 2021</li> <li>• recipe/template to build docker compose packages established for AI &amp; Formal Sector</li> </ul>	04.02.2021
160	openIMIS developer tools E0	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? <ul style="list-style-type: none"> <li>• Notice E0 application accepted!</li> </ul> </li> </ul>	05.11.2020
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 application accepted!</li> <li>• Improve packaging and installation (#159) application accepted!</li> <li>• contract is being discussed</li> <li>• Contract start on 1st of April 2021 (8 month)</li> </ul>	17.12.2020
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> <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>• FS to be updated</li> <li>• Link Jira Roadmap or Confluence Roadmaps ?</li> </ul>	28.01.2021

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
183	Nepal new features (modular)	A	<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> <li>● Legacy/Modular will depend on the module available</li> <li>● New mobile app for enquiries under development</li> </ul>	21.01.2021
184	FS FHIR - SOSYS integration	A	<ul style="list-style-type: none"> <li>● development in progress</li> <li>● FHIR Organisation, OrganizationAffiliation, Contract, Group (for FS) is developed</li> <li>● uploaded to github (feature branch) completed</li> </ul>	18.02.2021
188	Product redesign for migration	A	<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>● <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053">https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053</a></li> <li>● discuss in the migration context after kick off: Meeting on the 14 at 14h</li> <li>● found Jiri report, needs to be uploaded</li> </ul>	04.02.2021
190	Insuree self registration (general)	I	<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 ? <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> </li> </ul>	01.10.2020
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
203	Apple Icon	A	<ul style="list-style-type: none"> <li>● Try to get rid of the Terminal.icns in the far remote dependencies of create-react-app because it is copyrighted by Apple.</li> <li>● fork is not practical</li> <li>● maybe dependency can be removed (it cannot, sadly)</li> </ul>	28.01.2021
204	Students	A	<ul style="list-style-type: none"> <li>● Can we recruit students for a thesis?</li> <li>● Page to be created with possible thesis topics</li> <li>● Link #216</li> </ul>	28.01.2021
207	Contributions & Payment	I	<p><u>Scope:</u></p> <ul style="list-style-type: none"> <li>● Ready for testing on release</li> <li>● check on interaction with new legacy version</li> </ul>	18.02.2021
208	Developer Workshop	D	<ul style="list-style-type: none"> <li>● What about a Dev Workshop in January? Rather later in person (Nepal)</li> <li>● Intermediate sessions as needed (Kickoff for new T3 project: 04.01.)</li> <li>● Kickoff delayed to let current contract finish without stretching the team</li> <li>● next: #220</li> </ul>	11.02.2021
215	openIMIS Capacity Building	I	<ul style="list-style-type: none"> <li>● The Initiative is gathering developers training needs</li> <li>● If the committee has ideas, please share</li> </ul>	07.01.2021

216	Google Summer of Code	A	<ul style="list-style-type: none"> <li>• <a href="https://summerofcode.withgoogle.com/">https://summerofcode.withgoogle.com/</a></li> <li>• Do we have tasks that could be done this year?</li> <li>• Mobile App (FHIR)</li> <li>• Wait for Kick-Off T3</li> <li>• Organization Application Deadline: 19.02</li> <li>• <a href="#">Meeting on 9.02 11:00</a></li> </ul>	18.02.2021
217	Windows Server Licenses	A	<ul style="list-style-type: none"> <li>• 2x Windows Server 2019 Standard license required</li> <li>• GIZ procurement (~ 2x 200 EUR)</li> <li>• no framework contract on GIZ side - sources?</li> <li>• <a href="https://best-software.de/windows-server-2019-standard">https://best-software.de/windows-server-2019-standard</a></li> </ul>	04.02.2021
219	bulk change	A	<ul style="list-style-type: none"> <li>• allow bulk change not only on selected but also on all the search results (e.g. )</li> <li>• Usecases: <ul style="list-style-type: none"> <li>○ Claim-AI: Adding report generation on Claim Review page based on search form</li> </ul> </li> </ul>	04.02.2021
220	Community Meeting	I	<ul style="list-style-type: none"> <li>• openIMIS community meeting will come up in March (25th) - 1 day/session reserved for product development</li> <li>• <a href="#">propose session here</a></li> <li>• <a href="#">Agenda developers day</a> (add keywords for topics)</li> <li>• brainstorm on possible topics tomorrow</li> </ul>	18.02.2021
221	InsurTechLab	I	<ul style="list-style-type: none"> <li>• looking for experts for AI claims adjudication</li> <li>• call with the organizers next week</li> </ul>	18.02.2021
222	April 2021 Release	I	<ul style="list-style-type: none"> <li>• new version of legacy Web Application on release.openimis.org</li> <li>• <a href="#">openIMIS April 2021</a></li> </ul>	11.02.2021
223	Test management platform	D	<ul style="list-style-type: none"> <li>• we use TestLink to manage test cases and test execution (<a href="https://testlink.org/">https://testlink.org/</a>)</li> <li>• Implementers need decision if we use this tool from now on: use next release as pilot</li> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1343881261/Quality+assurance">https://openimis.atlassian.net/wiki/spaces/OP/pages/1343881261/Quality+assurance</a></li> </ul>	18.02.2021
224	Data for performance testing	I	<p>Issues in Nepal are related to database size  Not really possible to get an anonymized database  =&gt; Created Django commands  manage.py generateclaims 5000 5 6 --verbose  manage.py generateinsurees 1000 4 --locale fr_FR  =&gt; Add a wiki page about it</p> <p>Dragos: consider adding reference data too with dependencies so it can be done on an empty DB rather than a demo dataset. The demo dataset will also be improved in a future release.</p>	18.02.2021