



<b>Title</b>	<b>Developers Committee Meeting</b>		<b>Date</b>	<b>11/11/2021</b>
<b>Location</b>	<b>https://meet.jit.si/openIMISDevelopers</b>		<b>Time</b>	<b>08:00 UCT</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               <ul style="list-style-type: none"> <li>DEZA still proposes Bern clause</li> </ul> </li> <li><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> needed for the HTTP Client mobile app (Point 4 - Redistribution)</li> </ul>	23.09.2021
59	DHIS2 Integration	I	<ul style="list-style-type: none"> <li>Demo DHIS2 <a href="https://dhis2etl.s1.openimis.org">https://dhis2etl.s1.openimis.org</a></li> <li>Dataset could be used instead of program <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset">https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset</a></li> <li>Issue: New service to be created for contribution</li> <li>Help on performance issue needed: aggregation of tracker data, caching of dashboards</li> <li>to be checked: <a href="#">Program Dataset Connector (PDAC)</a></li> <li>ADX file support to be supported ?</li> <li>QA ongoing</li> </ul>	11.11.2021
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> <li>call between Healthix - OpenHIM happened, renaming mediators to match their style happening.</li> </ul> </li> </ul> </li> <li>adaptations to OpenHIM uploaded - waiting for feedback</li> <li>propositions from OHIE: Workforce (would need FHIR)</li> <li>docker compose needed from OpenHIM - ticket on jira needed</li> <li><a href="https://openimis.atlassian.net/browse/OP-452">https://openimis.atlassian.net/browse/OP-452</a></li> <li>no yet on server 1</li> </ul>	14.10.2021
105	List of modules	D	<ul style="list-style-type: none"> <li>JLN:               <ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wxiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC">https://openimis.atlassian.net/wxiki/spaces/OP/pages/807600219/Background+-+Joint+Learning+Network+for+UHC</a></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> </ul> </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> <li>Mapping openIMIS-JLN started:</li> </ul>	06.05.2021
127	Publish AAB/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>TZ policy app will be pushed to Google Play - in testing countrywide</li> </ul>	29.07.2021

			<ul style="list-style-type: none"> <li>Eric added a <a href="#">GitHub action</a> to build APK and AAB. Installing the APK</li> <li>Eric: From Aug 1, Google Play will require new apps to be in AAB instead of APK. We can upload the signing key to Play Store and let it manage signing of the AAB, so this would make our life easier.</li> </ul>	
135	Modular version Install Nepal	A	<ul style="list-style-type: none"> <li>legacy part is productive - FE not applied for all functions</li> <li>2 domains 1 Modular - 1 legacy <ul style="list-style-type: none"> <li>2 domains will be used in parallel</li> <li>Claim reviewers will be the first to use the modular; if it work well other kind of user will move to Modular</li> </ul> </li> <li>new features will only go to modular version</li> <li>Performance issue is still blocking (#250)</li> </ul>	16.09.2021
136	AI Project	A	<ul style="list-style-type: none"> <li><a href="#">openIMIS AI-based Claim Adjudication</a></li> <li>need funds for further developments</li> <li>kick off follow up calls on project ideas</li> <li>abstract for GDHF accepted</li> <li>AI Demo instance: need dummy Claim data to generate Demo AI Model</li> <li>improvements with STPH internal funds</li> <li>openHIE webinar today (<a href="https://sched.co/mGgz">https://sched.co/mGgz</a> )</li> <li>create kick off call with GIZ Nepal</li> </ul>	11.11.2021
137	instant openHIE (E0)	I	<ul style="list-style-type: none"> <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>Instant openHIE is a solution to launch “docker stacks” of different e-health systems =&gt; implemented</li> <li>Code delivered, demo to be planned</li> <li>Meeting needs to be done with openHIE</li> <li>need to push FIS calls in openHIE</li> </ul>	11.11.2021
141	Demo instances for the integrations C1	A	<ul style="list-style-type: none"> <li>Demo instances of OpenMRS, Bahmni and DHIS2 integrations <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>Reactivate Jembi after OpenHIM is on our infrastructure</li> <li>BAHMNI-Docker under revision -&gt; in T1</li> <li>openMRS FHIR needs to be updated to FHIR4 - workload and funds? (FHIR3 still works, though)</li> <li>MojaLoop (<a href="#">Ticket open</a> - needs kubernetes),</li> <li>MIFOS (ticket open )</li> </ul>	11.11.2021
147	Tanzania implementation	I	<ul style="list-style-type: none"> <li>Octobre 21 Release done</li> <li>GoTHOMIS (inhouse HMS) will be integrated through REST API</li> <li>National Rollout for e-payment ongoing, going into UAT next week in four regions</li> <li>Policy Notification module to send SMS for activate, renew, expiry installed in production</li> <li>Insuree card with QR codes will be developed soon</li> <li>Install modular BE installed in production</li> </ul>	11.11.2021
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> <li>restart discussions? Target: define task for T1 or student - scope might be rather big</li> <li>all: look for resources and options</li> <li>Android FHIR-SDK usable ? TBC</li> <li><a href="https://pub.dev/packages/fhir">https://pub.dev/packages/fhir</a></li> </ul>	12.08.2021
160	openIMIS developer tools	A	<ul style="list-style-type: none"> <li>Modular developer starting kit: initialize BE and FE modules in development mode</li> </ul>	02.09.2020

	E0		<ul style="list-style-type: none"> <li>○ install tools</li> <li>○ clone github repos</li> <li>○ make links to assembly</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>● Docker for Developers? -&gt; docker override in <a href="https://github.com/openimis/openimis-dist_dkr/tree/feature/e0">https://github.com/openimis/openimis-dist_dkr/tree/feature/e0</a></li> <li>● To be delivered in Dec 2021</li> </ul>	
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>	25.02.2021
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> <li>● Developer videos subtitled to French</li> <li>● <a href="https://openimis.gitbook.io/installation-and-country-localization/">https://openimis.gitbook.io/installation-and-country-localization/</a></li> </ul>	19.08.2020
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 by tomorrow</li> <li>● Legacy/Modular will depend on the module available</li> <li>● New mobile app for enquiries under development</li> </ul>	11.11.2021
188	Extend to other Schemes (Product redesign) "Beyond Health"	A	<ul style="list-style-type: none"> <li>● <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053">https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053</a></li> <li>● found Jiri report, needs to be uploaded</li> </ul> <p>Ideas for architecture:  <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/Beyond+Health">https://openimis.atlassian.net/wiki/spaces/OP/pages/3024289830/Beyond+Health</a></p>	16.09.2021
190	Insuree self registration (general)	I	<ul style="list-style-type: none"> <li>● contract finished, still need to upload the code</li> <li>● need to add developers to openIMIS github</li> <li>● bug-fixing is on-going</li> <li>● set up deep dive with Tinker Technology to synch with IC discussions</li> <li>● HIB approved - presentation next Gumzo December</li> </ul>	11.11.2021
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>● work will be finished this month <ul style="list-style-type: none"> <li>● HIB approved - presentation next Gumzo December</li> </ul> </li> </ul>	11.11.2021
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>● new contact from Mannheim</li> </ul>	04.11.2021
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> </ul>	15.04.2021
223	Testing Scenarios	D	<ul style="list-style-type: none"> <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> <li>● <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1336967179/Quality+assurance+opensource+tools">https://openimis.atlassian.net/wiki/spaces/OP/pages/1336967179/Quality+assurance+opensource+tools</a></li> <li>● instance installed: qa.openIMIS.org</li> </ul>	11.11.2021

			<ul style="list-style-type: none"> <li>new overview page: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview">https://openimis.atlassian.net/wiki/spaces/OP/pages/3000664081/Test+cases+overview</a></li> <li>modular installation instructions under review</li> </ul>	
230	Security auditing	D	<ul style="list-style-type: none"> <li>Decide if we want/need to have a security audit</li> <li>target: after April 2022 for FE&amp;BE, October 2022 for Postgres</li> <li>plans in Nepal (GIZ/HIB) for security audit</li> <li>Security expert to do some penetration testing in November</li> <li>Inform host about testing</li> </ul>	11.11.2021
232	AI workshop	W	<ul style="list-style-type: none"> <li>schedule detailed calls on single projects from AI workshop</li> <li>kick of call with GIZ NP next week</li> </ul>	14.10.2021
233	FHIR IG (E0)	A	<ul style="list-style-type: none"> <li>R4 IG: <a href="https://openimis.github.io/openimis_fhir_r4_ig">https://openimis.github.io/openimis_fhir_r4_ig</a> <ul style="list-style-type: none"> <li>profiles are done and code is updated</li> <li>updated FHIR R4 module delivered</li> </ul> </li> <li><a href="https://wiki.digitalsquare.io/index.php/Global_Goods_Community">https://wiki.digitalsquare.io/index.php/Global_Goods_Community</a> : Digital Square FHIR webinars</li> <li>Final openIMIS FHIR IG will be delivered end Dec</li> <li>Invoice and Bill Profiles will be included in the FHIR IG</li> </ul>	11.11.2021
234	Payment Layer	I	<ul style="list-style-type: none"> <li>Discussion on payment layer integration started with Mifos</li> <li>OpenG2P.org for payment processes</li> <li>deep dives for co-ordination of projects need to be attended by all involved teams!</li> </ul>	11.11.2021
236	Nepal Claim FE integration into main	A	<ul style="list-style-type: none"> <li>Nepal rework the claim FE module to improve the layout</li> <li>demo to implementers was done</li> <li>integrate code into develop branch through feature branches - started</li> </ul>	11.11.2021
238	Chat-Channel	D	<ul style="list-style-type: none"> <li>need to review options for chat (skype, slack, discord)</li> <li>try out several options on a monthly basis?</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/653754789/Communication+Platforms">https://openimis.atlassian.net/wiki/spaces/OP/pages/653754789/Communication+Platforms</a></li> <li>tested discord with this call today</li> <li>in use for chats by now</li> <li>app for chats available (clients / apps)</li> <li><a href="https://discord.gg/BSm92sVM">https://discord.gg/BSm92sVM</a></li> <li>github discussion forum in beta test</li> <li>SPIAC-B created a community account on Discourse</li> <li>seems to be a lot of spam accounts - how to solve that?</li> </ul>	11.11.2021
239	GovStack	A	<ul style="list-style-type: none"> <li>deep dive today: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/2972385332/2021-07-15+Developers+Deep+Dive+Call">https://openimis.atlassian.net/wiki/spaces/OP/pages/2972385332/2021-07-15+Developers+Deep+Dive+Call</a></li> <li>session on opneHIE conference: <a href="https://ohie.org/ohie21/schedule/">https://ohie.org/ohie21/schedule/</a></li> <li>technical specification documents are ready for review: <ul style="list-style-type: none"> <li><a href="https://docs.google.com/document/d/18aJLgW4dIB89UMFVXBnrzpHwGLnmQpaoxUGVMxsoGUo/edit">https://docs.google.com/document/d/18aJLgW4dIB89UMFVXBnrzpHwGLnmQpaoxUGVMxsoGUo/edit</a></li> <li><a href="https://discourse.govstack.global/t/govstack-documents-and-resources/95">https://discourse.govstack.global/t/govstack-documents-and-resources/95</a></li> </ul> </li> <li>requested openIMIS to document how a demo installation would work - maybe against demo servers?</li> </ul>	11.11.2021
243	Item/Service groups	I	<ul style="list-style-type: none"> <li>Implementers expressed a few times the desire to add item and service groups. While we're finalizing the module rewrite, now is a good time to check what is possible. Meeting with Saurav (and Jean) tomorrow.</li> <li>Think about hierarchies</li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/2998730753/Classification+of+Social+Protection+Schemes">https://openimis.atlassian.net/wiki/spaces/OP/pages/2998730753/Classification+of+Social+Protection+Schemes</a></li> <li>Not integrated in the new modules because no real demands and not in the scope/budget</li> </ul>	05.08.2021

245	Niger Implementation	I	<ul style="list-style-type: none"> <li>• Training in progress and going mostly good</li> <li>• Lot of valuable feedback and actual testing</li> </ul>	11.11.2021
246	International Developers	A	<ul style="list-style-type: none"> <li>• How do we make the community compatible to other language groups at all levels?</li> <li>• French channel in discord?</li> <li>• Workshop organised by Digital Square</li> <li>• <a href="https://path.zoom.us/meeting/register/JModO6tqz8iG9DugwdjxWmmwXtnUx5-o0yn/success?user_id=pddwKqRiQpCrAyX4p8kdCA&amp;timezone_id=America%2FNew_YorkT">https://path.zoom.us/meeting/register/JModO6tqz8iG9DugwdjxWmmwXtnUx5-o0yn/success?user_id=pddwKqRiQpCrAyX4p8kdCA&amp;timezone_id=America%2FNew_YorkT</a></li> </ul>	14.10.2021
249	Claim Random Sampling	I	<ul style="list-style-type: none"> <li>• HIB has requested support on Claim Random Sampling.</li> <li>• Details were sent by HIB - put it on wiki</li> <li>• <a href="#">Link</a></li> <li>• Pressing, but maybe not too complicated</li> <li>• Testing has started</li> </ul>	11.11.2021
250	Performance test (Modular) on big data set	W	<ul style="list-style-type: none"> <li>• Test and fix any timeout issues</li> <li>• <a href="https://s2.openimis.org/front/home">https://s2.openimis.org/front/home</a></li> <li>• several issues were solved, e.g claims list</li> <li>• what's the release status in NP? solutions could be backported</li> <li>• to be released in April</li> </ul>	11.11.2021
252	Toumai Community		<ul style="list-style-type: none"> <li>• Session 12 (9th November) on the Modular version of openIMIS with the latest release</li> <li>• Session 13: out of the technical track</li> </ul>	11.11.2021
257	Medical Item Form	D	<ul style="list-style-type: none"> <li>• need to split Item: Quantity + Form</li> <li>• Standard for coding - need to update in modular version</li> </ul>	23.09.2021
258	GDH Forum	A	<ul style="list-style-type: none"> <li>• Abstract on AI got accepted</li> <li>• Abstract from Saurav got accepted</li> </ul>	11.11.2021
260	Documentation management platform	D	<ul style="list-style-type: none"> <li>• docs.openimis.org (ReadTheDocs)</li> <li>• openIMIS Docs</li> <li>• <a href="https://openimis.gitbook.io/installation-and-country-localization/">https://openimis.gitbook.io/installation-and-country-localization/</a> (GitBook)</li> <li>• more in-code documentation needed</li> <li>• need to standardize &amp; improve module documentation (e.g. which repositories are involved?)</li> </ul>	21.10.2021
271	AI Workshop Nepal		<ul style="list-style-type: none"> <li>• more details after festivities</li> </ul>	04.10.2021
274	Default module configuration	A	<ul style="list-style-type: none"> <li>• Add default configuration to DB for each module so implementers know what can be configured.</li> <li>• could be done through migration script</li> </ul>	11.11.2021
275	Schema loading at start BE	I	With the new Decorator for signals, there is 2 catch up module in core, this 2nd module is loaded after all other modules are loaded > this can be used for schema	04.11.2021
276	Docker-compose improvement	I	<ul style="list-style-type: none"> <li>• Docker-compose is currently a mess. Branches are confusing, documentation is not in sync, some can't work, some won't work on Windows... This needs to be streamlined</li> <li>• Blsq would also like to try and use a proper web server integration for Python and a production build for react so that they are more robust in heavy load in production.</li> </ul>	11.11.2021
277	Malawi issues	A	<ul style="list-style-type: none"> <li>• A few issues were not actually solved that are necessary for Malawi deployment and time is critical now.</li> <li>• Bluesquare is working on it</li> </ul>	11.11.2021
278	CI for FE	Q	Testing on frontend build?	11.11.2021
279	Steering Group Call	I	<ul style="list-style-type: none"> <li>• 25.11. Steering Group Meeting</li> </ul>	11.11.2021