



Title		Developers Committee Meeting		Date	28/10/2021
Location		https://meet.jit.si/openIMISDevelopers		Time	10:00 CET
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"> <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> </ul>		14.10.2021
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> </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> <li>Eric added a <a href="#">GitHub action</a> to build APK and AAB. Installing the APK</li> </ul>		29.07.2021

			<ul style="list-style-type: none"> <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</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>	14.10.2021
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>	04.10.2021
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>Looking for the newest Developments from Possible Health</li> <li>openMRS FHIR needs to be updated to FHIR4 - workload and funds? (FHIR3 still works, though)</li> <li>MojaLoop (Ticket open - needs kubernetes), MIFOS (ticket open)</li> </ul>	14.10.2021
147	Tanzania implementation	I	<ul style="list-style-type: none"> <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>New development in Modular to send SMS for activate, renew, expiry</li> <li>Insuree card with QR codes will be developed soon</li> <li>Install modular BE in production next week</li> </ul>	14.10.2021
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> <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 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> </ul> </li> </ul>	02.09.2020

			<ul style="list-style-type: none"> <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>	22.04.2021
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:</p> <p><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 November</li> </ul>	04.10.2021
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 November</li> </ul> </li> </ul>	04.10.2021
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> </ul>	19.03.2021
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> <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> </ul>	14.10.2021

			<ul style="list-style-type: none"> <li>continuous integration is currently run from the main module, you do a branch, configure openimis.json to retrieve the right branch/version of each module and it'll run all the tests from there. Drawback is that there is no link from a claims PR for example to the testing results. Patrick is trying to run the build from each module, pulling the dependent modules.</li> <li>Integrate GIZ into testing of installation routines</li> <li>good uptake of beta test by implementers</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> </ul>	14.10.2021
232	AI workshop	W	<ul style="list-style-type: none"> <li>schedule detailed calls on single projects from AI workshop</li> <li>kick off 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></li> <li>needs completed mapping</li> <li>working on patient profiles <ul style="list-style-type: none"> <li>replacing the FHIR models with fhir.resources python package</li> <li>starting to develop the openIMIS FHIR Profile and IG with SUSHI</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>starting to work on CodeSystems endpoints - final stages</li> </ul>	14.10.2021
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>Series of deep dives will be launched soon</li> <li>two more contracts in preparation, teams started working</li> <li>deep dives for co-ordination of projects needed</li> </ul>	30.09.2021
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>	08.07.2021
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>	14.10.2021
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> </ul>	14.10.2021
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> </ul>	05.08.2021

			<ul style="list-style-type: none"> <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> </ul>	
245	Niger Implementation	I	<ul style="list-style-type: none"> <li>• QR codes generation becomes more complex</li> <li>• parallel install of modular and legacy</li> <li>• Added GitHub actions to generate custom APKs (IP address)</li> <li>• Login issue fixed, was a mix of issues including a bug in modular user management</li> <li>• Leaving on Saturday</li> </ul>	14.10.2021
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/tJModO6tqz8iG9DugwdjxWmmwXtnUx5-o0yn/success?user_id=pddwKqRiQpCrAyX4p8kdCA&amp;timezone_id=America%2FNew_YorkT">https://path.zoom.us/meeting/register/tJModO6tqz8iG9DugwdjxWmmwXtnUx5-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>	04.10.2021
250	Modular version test 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> </ul>	21.10.2021
252	Toumai Community		<ul style="list-style-type: none"> <li>• Session 10 on cash transfer done by 2MCorp</li> <li>• Session 11(19th October) is planned to be a demonstration of how openIMIS works w works with DHIS2 and how the data analysis and reporting are managed.</li> <li>• Session 12 (2nd November) on openIMIS with openMRS OR the Modular version of openIMIS with the latest release</li> </ul>	14.10.2021
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</li> </ul>	26.08.2021
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
266	Translations in BE	D	<ul style="list-style-type: none"> <li>• How are the translations managed in modular BE?</li> <li>• some strings missing in localize</li> <li>• problems with localized english language packs</li> <li>• We updated the core so that adding a translation module will properly override the English translations.</li> </ul>	04.10.2021
271	AI Workshop Nepal		<ul style="list-style-type: none"> <li>• more details after festivities</li> </ul>	04.10.2021
272	Payer & Funding module port	I	<ul style="list-style-type: none"> <li>• Had discussions on the funding part, considering replacing with a full-fledged funding table</li> <li>• Currently used only by Tanzania</li> <li>• Reasonable impact on reports but possibly much stronger on relative pricing and deductions.</li> <li>• We considered delaying the module to the end of the cycle to get some feedback from TZ</li> <li>• Will actually port exactly as-is and we'll spare some time to rework it if we have clear needs</li> </ul>	21.10.2021
273	Community Connect	A	<ul style="list-style-type: none"> <li>• <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/3093069851/Community+Connect+2021">https://openimis.atlassian.net/wiki/spaces/OP/pages/3093069851/Community+Connect+2021</a></li> </ul>	14.10.2021

			<a href="#">Please, join here for the teams call</a>	
274	Default module configuration	A	Add default configuration to DB for each module so implementers know what can be configured.	21.10.2021