

<b>Title</b>	<b>Developers Committee Meeting</b>		<b>Date</b>	<b>23/04/2020</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>Link to working document: <a href="http://bit.ly/2A6E4vY">http://bit.ly/2A6E4vY</a></li> <li>Original license text: <a href="https://drive.google.com/open?id=19CuRw7wWUbhWJGJfvWHwdjuYaz8N6LNq">https://drive.google.com/open?id=19CuRw7wWUbhWJGJfvWHwdjuYaz8N6LNq</a></li> <li>Open source definition: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/697204855/OpenSource+Software+definition">https://openimis.atlassian.net/wiki/spaces/OP/pages/697204855/OpenSource+Software+definition</a></li> <li>Need to verify compatibility with other licenses (Django, <a href="#">reportbro ('lib version')</a> for PDFs etc.) - set up TAG with Carl F</li> <li>Info from call with Digital Square:               <ul style="list-style-type: none"> <li>Dial offers support on open source global goods</li> <li>contact Heath Arenssen for TAG</li> </ul> </li> <li>Are the license compatible with AGPL (or look for what it is not compatible)</li> <li>Discussion with German lawyer started</li> <li><a href="#">pypi terms of use</a></li> <li><a href="#">npmjs terms of use</a></li> <li><a href="#">reactjs</a> is under MIT license</li> <li><a href="#">material-ui</a> is under MIT license</li> <li><a href="#">django</a> is under BSD license</li> <li>to connect to DB, we use <a href="#">pyodbc-azure</a> (BSD license)</li> <li>... (there are several other open source package we use frontend and backend)</li> </ul>	13.02.2020
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>documentation in work</li> <li>contract ends on 31 March</li> <li>demo was done to Implementers yesterday</li> <li>get in touch with TZ team (Swiss TPH) to see their needs</li> <li>Beehyve will continue development</li> <li>need some FHIR mappings</li> <li>Abstracts for DHIS2 conference submitted</li> </ul>	09.04.2020
72	Docker Image (Windows Base)	I	<ul style="list-style-type: none"> <li>Develop fully windows : all component works, node.js throw an error/ ibackend 403</li> <li>Linux Docker:               <ul style="list-style-type: none"> <li>tweaking port in openimis.conf (gateway) required if the legacy is on the same machine</li> <li>Https → http required if the legacy doesn't have https activated (docker updated)</li> </ul> </li> <li>watch new Digital Square call on shelf readiness</li> </ul>	23.04.2020
73	RFC Formal Sector enrollment	I	<ul style="list-style-type: none"> <li><a href="#">Specification available here.</a></li> <li><a href="#">Enrollment+Registration</a></li> </ul>	16.04.2020

			<ul style="list-style-type: none"> <li>• New call to be scheduled with implementers after expressions of interest come in through Digital Square</li> <li>• <a href="#">Swiss TPH D1 proposal</a> Approved without budget, forced marriage between Healthix / SwissTPH, potential funds likely to come from Nepal</li> <li>• More clarification from Nepal needed (in progress)</li> <li>• set up a TAG</li> <li>• Try add Myanmar if there are interested in the specification reviews</li> <li>• Quick fix under construction (communication from formal sector beneficiary module) -&gt; create Wiki-Page</li> <li>• skype call with quick fix developers =&gt; waiting for news</li> <li>• COVID block</li> </ul>	
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>• At OMRS meeting, successfully set up a channel that can communicate with the openIMIS demo server and NepalEHR IMIS demo server.</li> <li>• Set up instructions for demo of OpenHIE workflows in openIMIS/OpenMRS</li> <li>• OpenHIE is looking at interoperability test cases</li> <li>• Meeting notes from OpenHIE Health Financing call doing a deep dive on Health Financing in FHIR and OpenHIE workflows: <a href="https://wiki.ohie.org/display/resources/2020-04-09+UHC+Health+Insurance+Call">https://wiki.ohie.org/display/resources/2020-04-09+UHC+Health+Insurance+Call</a></li> </ul>	16.04.2020
105	List of modules	D	<ul style="list-style-type: none"> <li>• JLN: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Bckground+-+Joint+Learning+Network+for+UHC">https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/Bckground+-+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</li> </ul>	20.02.2020
111	Notice D.1	I	<ul style="list-style-type: none"> <li>• general contract extension to 2021 is accepted</li> <li>• contract will be negotiated next week</li> </ul>	23.04.2020
115	Integration of Nepal feature into legacy system	A	<ul style="list-style-type: none"> <li>• new features in Nepal which are not in the legacy system</li> <li>• new modular architecture already integrated such features</li> <li>• Updates ongoing on Nepal code base, the code will be shared when the migration</li> <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>• Install and test modular version in Nepal</li> <li>• Formal and informal sector</li> <li>• pull request to develop branch (after the release)</li> </ul>	09.04.2020
116	Contribution guidelines	D	<ul style="list-style-type: none"> <li>• Naming convention</li> <li>• JSON (mirror the guidelines for naming JavaScript identifiers) <ul style="list-style-type: none"> <li>• Property names should be meaningful names</li> <li>• Property names must be camel-cased, ascii strings</li> <li>• The first character must be a letter</li> <li>• Subsequent characters can be a letter, a digit, an underscore</li> <li>• Reserved JavaScript keywords should be avoided</li> </ul> </li> <li>• Global openIMIS guidelines or per programming language? Better have per language, but define overlaps/interactions</li> </ul>	09.01.2020

			<ul style="list-style-type: none"> <li>● FHIR is already guiding, GRAPH-QL is more open</li> <li>● Create a wiki page with links to contribution guide from framework and libraries</li> </ul>	
117	Mobile phone customization	D	<ul style="list-style-type: none"> <li>● each implementation has to compile mobile apps with server's URL</li> <li>● <a href="#">OSD-60</a> - find solution to initialize mobile apps without compiling the apps</li> <li>● by-pass IC review -&gt; SwissTPH to set up</li> <li>● <a href="#">OP-84</a></li> <li>● re-think strategy (Nils working on mobile strategy paper)</li> <li>● compatibility libraries are used but decrease UX</li> <li>● possibility to start from scratch with the mobile apps</li> <li>● <a href="#">Text file configuration solution</a></li> <li>● call on 15.04 presenting status quo, new call on way forward 23.4.</li> </ul>	16.04.2020
124	Accident Insurance		<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 will be discussed in Nepal</li> </ul>	13.02.2020
127	Privacy Policy (APK)	A	<ul style="list-style-type: none"> <li>● Google Play for Claims APK: "Your app has an apk with version code 2 that requests the following permission(s): android.permission.CAMERA, android.permission.READ_CONTACTS. Apps using these permissions in an APK are required to have a privacy policy set."</li> <li>● Need to identify few Privacy statement like DHIS2, OpenMRS ... <ul style="list-style-type: none"> <li>○ possibly reach out to DIAL Open Source Initiative for any template work that may exist</li> </ul> </li> <li>● <a href="#">Privacy+Policy</a></li> </ul>	16.04.2020
131	New provider for the server and domain name	D	<ul style="list-style-type: none"> <li>● difficulties with current provider</li> <li>● find another provider?</li> <li>● in discussion with other GIZ projects</li> <li>● looking at Hetzner (recommendation from other GIZ projects)</li> <li>● currently Nepali provider does a managed server (Windows), MS SQL is done by GIZ</li> <li>● Planned for new phase after August</li> </ul>	20.02.2020
135	Modular version Install Nepal	A	<ul style="list-style-type: none"> <li>● Install and test modular version in Nepal</li> <li>● separate servers for formal and informal sector</li> <li>● Testing workshop was done</li> <li>● Upgrade planned for end of March</li> <li>● Data exchange with BAHMNI (PossibleHealth) will also go live, tests start this week</li> <li>● <a href="http://imistest.hib.gov.np">http://imistest.hib.gov.np</a></li> </ul>	26.03.2020
136	AI Project	A	<ul style="list-style-type: none"> <li>● AI TAG calls and AI workshop in Basel (dates to be defined)</li> <li>● Which FHIR version? If FHIR4, who develops endpoint.</li> <li>● Nepali use of 1st and 2nd diagnosis</li> <li>● Student from UniBas will do FHIR4 as bachelor's thesis</li> </ul>	26.03.2020
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>● community call on instant oHIE: <a href="https://wiki.ohie.org/display/resources/OpenHIE+DevOps+Community+Call">https://wiki.ohie.org/display/resources/OpenHIE+DevOps+Community+Call</a></li> </ul>	19.03.2020
140	April Release	A	<a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1079738885/April+2020+release">https://openimis.atlassian.net/wiki/spaces/OP/pages/1079738885/April+2020+release</a>	23.04.2020

			<p>Official Date: 24.04.</p> <p><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/1253081165/openIMIS+FHIR+Module">https://openimis.atlassian.net/wiki/spaces/OP/pages/1253081165/openIMIS+FHIR+Module</a></p>	
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>• Check if demo.openimis.org server is supporting this</li> <li>• One server for all or one server for each?</li> <li>• Linux server for DHIS2 is available</li> <li>• Management should be possible within T1</li> <li>• create wiki page with overviews</li> <li>• Create openimis.org subdomains: <ul style="list-style-type: none"> <li>◦ dhis2.openimis.org</li> <li>◦ openmrs.openimis.org</li> <li>◦ bahmni.openimis.org</li> </ul> </li> </ul> <p><a href="#">new+openIMIS+installations</a></p>	27.02.2020
145	openIMIS Symposium	I	<ul style="list-style-type: none"> <li>• pig-back with World Health Summit &amp; JLN workshop in Kampala in week of 27th of April</li> <li>• cancelled because of COVID-19, maybe pre-conference online</li> <li>• in discussion for an online workshop</li> </ul>	26.03.2020
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> </ul>	04.02.2020
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>• Next call: <ul style="list-style-type: none"> <li>• create list of immediate needs (next week #117)</li> <li>• propose mid term concept</li> </ul> </li> </ul>	16.04.2020
154	openIMIS DB migration to PostgreSQL	I	<ul style="list-style-type: none"> <li>• Student from UniBas will do the DB migration as bachelor's thesis</li> <li>• <a href="#">Database+migration+to+PostgreSQL</a></li> <li>• Presentation in regular Gumzos</li> </ul>	04.02.2020
156	FHIR R4	I	<ul style="list-style-type: none"> <li>• <a href="#">FHIR+R4+integration</a></li> <li>• Analysis ongoing</li> </ul>	16.04.2020
157	developer training	A	<ul style="list-style-type: none"> <li>• &gt; Addis Abeba sessions were only introductions, need more to really get started.</li> <li>• quick solution: one-on-one briefing with PH (for Deepak's request to Xavier)</li> <li>• need to look at funds for dev onboarding</li> <li>• to be merged with the <a href="#">country customization trainings?</a></li> </ul>	23.04.2020
158	SwissTPH training	I	<ul style="list-style-type: none"> <li>• <a href="#">training sessions &amp; video tutorials planned for implementers</a></li> </ul>	09.04.2020
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> </ul>	16.04.2020
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> </ul>	16.04.2020
161	Shelf-Readiness		<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 E (<a href="https://applications.digitalsquare.io">https://applications.digitalsquare.io</a>)</li> </ul>	