

|                          |   |                        |             |                   |
|--------------------------|---|------------------------|-------------|-------------------|
| <b>Title</b>             | <b>Developers Committee Meeting</b>   |                        | <b>Date</b> | <b>28/11/2019</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 |                       |   |  |            |
| 7   | New Website           | A | <ul style="list-style-type: none"> <li>Published (ready to run) version of openIMIS on Web-Page <a href="http://www.openimis.org/download">www.openimis.org/download</a></li> <li>give to new web-page company FFW</li> <li>Wiki: <a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/368508929/Downloads">https://openimis.atlassian.net/wiki/spaces/OP/pages/368508929/Downloads</a></li> <li>There is going to be a complete overhaul of the web-page.</li> <li>Doculink: docs.openimis.org</li> </ul>   | 31.01.2019 |
| 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 Arensen for TAG</li> </ul> </li> <li>Are the license compatible with AGPL (or look for what it is not compatible)</li> </ul> | 21.03.2019 |
| 37  | Database optimization | A | <ul style="list-style-type: none"> <li>Table indexing has to be done in a central way - e.g. install script, repair script</li> <li>Check for the need of having UNIQUE KEYS</li> <li>To be checked when transforming the Stored Procedures to actual code in new modular architecture</li> <li>On hold until first modular release</li> <li>Would like to test on more "realistic" data (could Nepal provide data to allow this to test?)</li> <li>Request on TZ to improve reporting</li> <li><a href="https://docs.microsoft.com/en-us/sql/relational-databases/performance/live-query-statistics?view=sql-server-ver15">https://docs.microsoft.com/en-us/sql/relational-databases/performance/live-query-statistics?view=sql-server-ver15</a></li> </ul>   | 28.11.2019 |
| 59  | DHIS2 Integration     | I | <ul style="list-style-type: none"> <li>FHIR API used (to be merge with Soldevelo FHIR? meeting planned on the 14.11 btw sdvl &amp; hisp): <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 - [ ]</li> <li>Claims are under integration</li> <li>need to pick up weekly calls, Swiss TPH is interested to participate</li> </ul>   | 28.11.2019 |

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| 63 | FHIR to openMIS mapping                | I | <ul style="list-style-type: none"> <li>List of bugs/improvements available on JIRA - <a href="https://openimis.atlassian.net/secure/RapidBoard.jspa?rapidView=8&amp;view=planning.nodetail">https://openimis.atlassian.net/secure/RapidBoard.jspa?rapidView=8&amp;view=planning.nodetail</a></li> <li>In progress - Policy to Coverage FHIR endpoint</li> <li>Where are we with the Coverage resource?</li> <li>Demo server FHIR: <a href="https://demo.openimis.org/api/api_fhir">https://demo.openimis.org/api/api_fhir</a> (default spiderman basic auth)</li> <li>create Wiki page on how to test and connect to demo server (include postman things)</li> </ul> | 28.11.2019 |
| 66 | Onboarding of TZ Developers            | I | <ul style="list-style-type: none"> <li>Exact will use the github repository, try to involve them into the calls</li> <li>SolDevelo are integrating the Exact code into openMIS Github</li> <li>Exact still has problems using github despite training in TZ</li> <li>will check if their presence can be mandatory based on their next contract (no signed yet, in process)</li> <li>try to get them to openMIS developer workshop</li> <li>To be checked if the change is to be imported in the new modular architecture (AP - Patrick Dec 19)</li> </ul>   | 28.11.2019 |
| 67 | Migration of Claims module             | A | <ul style="list-style-type: none"> <li>few fixes needed after DC workshop (under process - 21.11.2019 - deployment by the end of the week)</li> <li>installed on demo server: <a href="https://demo.openimis.org">https://demo.openimis.org</a></li> <li>Kamil to review the code before merge from release to master and develop</li> </ul>   | 28.11.2019 |
| 71 | Translation                            | I | <ul style="list-style-type: none"> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/759070721/Translation+Management+platform">https://openimis.atlassian.net/wiki/spaces/OP/pages/759070721/Translation+Management+platform</a></li> <li>Test Space for French knowledgebase in Wiki</li> <li>terms by module OR language pack module</li> <li>GIZ NP to upload Nepali language to localize</li> <li>late, should be ready Dec 19</li> </ul>  | 28.11.2019 |
| 72 | Docker Image (Windows Base)            | I | <ul style="list-style-type: none"> <li>Combined Windows &amp; Linux compose seems to work,</li> <li><a href="https://github.com/openimis/openimis-dist_dkr/tree/windows_container">https://github.com/openimis/openimis-dist_dkr/tree/windows_container</a></li> <li>New version of the linux docker should be available (Xavier will check) meaning the window version can be looked into (AP Patrick)</li> <li>New issue with linux-on-windows (LCOW) due to change in docker system - needs analysis</li> </ul>   | 31.10.2019 |
| 73 | RFC Formal Sector enrollment           | I | <ul style="list-style-type: none"> <li><a href="#">Specification available here.</a></li> <li><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/819003487/Enrollment+Registration">https://openimis.atlassian.net/wiki/spaces/OP/pages/819003487/Enrollment+Registration</a></li> <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> </ul>                       | 14.11.2019 |
| 79 | epics                                  |   | <ul style="list-style-type: none"> <li>Include .Net version, Py version and FHIR module</li> <li>Started the 'release' epic, linking to security / modular arch to be done</li> <li><a href="https://openimis.atlassian.net/projects/OP/versions/10004/tab/release-report-all-issues">https://openimis.atlassian.net/projects/OP/versions/10004/tab/release-report-all-issues</a></li> </ul>   | 10.10.2019 |
| 88 | Global Digital Health Forum Conference | I | <ul style="list-style-type: none"> <li><a href="#">annual conference in Washington</a></li> <li>Daniel and CarlF will represent openMIS in various sessions</li> <li>Joint OpenHIM &amp; openMIS session</li> <li>create GDHF wiki resource page under events</li> </ul>   | 28.11.2019 |

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|     |  |   | <ul style="list-style-type: none"> <li>try to get online connectivity</li> </ul>  |            |
| 90  | npm repo license (new openIMIS front modules)  | A | <ul style="list-style-type: none"> <li>npm = Node.js package manager (build packages)</li> <li>The license of the npm central repository (<a href="https://www.npmjs.com/">https://www.npmjs.com/</a>) have been accepted and openIMIS (reference) modules are published in the @openimis scope (they don't allow upper case in scope names)</li> <li>Today only an 'empty' @openimis/fe-core (0.0.1) has been published.</li> <li>Are we ok with license terms ? -&gt; #19 (GIZ)</li> <li>BlueSquare is testing new Github packager (granted access to beta platform on 25/09/2019...)</li> <li>Migration not tested yet</li> </ul>  | 21.11.2019 |
| 92  | openHIM  | I | <ul style="list-style-type: none"> <li>openIMIS "OpenHIM" channel will be migrated to DigitalOcean instance in order to overcome SSL issue (communication will be done once available)</li> <li>Access will need to be requested</li> <li>database won't be refreshed too often</li> <li>add info to wiki page on FHIR testing on Demo server</li> </ul>  | 28.11.2019 |
| 95  | BaselHack                                      | I | <ul style="list-style-type: none"> <li>Subject: Insuree portal for openIMIS</li> <li><a href="https://github.com/openimis/client-fe_js">https://github.com/openimis/client-fe_js</a></li> <li>add wiki page with summary and results and put link here</li> </ul>   | 28.11.2019 |
| 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 discussing after notice D.1</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> | 21.11.2019 |
| 107 | Helina   | I | <ul style="list-style-type: none"> <li>posters were presented on OpenHIE integration of openIMIS and claims adjudication using ai</li> </ul>  | 28.11.2019 |
| 111 | Notice D.1                                     | I | <ul style="list-style-type: none"> <li>Results were published, to be integrated in the wiki</li> </ul>  | 14.11.2019 |
| 113 | Install new openIMIS along current demo server | A | <ul style="list-style-type: none"> <li>.... Bluesquare granted accesses</li> <li>Wait for a server snapshot before changing the config (Windows 2012 R2 only supports a 'toolbox' version of Docker)</li> <li>upgrade to windows server 2016?</li> <li>for the time being: done server without docker (but modules from publishing repos) <ul style="list-style-type: none"> <li>(need to re-align release.openimis.org)</li> </ul> </li> <li>legacy REST API side by side with new modular architecture /rest/api/...</li> </ul>   | 28.11.2019 |
| 114 | Modular openIMIS documentation                 | A | <ul style="list-style-type: none"> <li>technical module documentation (for implementers) will be started in mid september</li> <li>contribution documentation and module templates</li> <li>might require a separate meeting</li> <li>Review and batch run still need to be done</li> <li>Installation documentation (with minimal requirements)</li> <li>Customization of current modules</li> <li>Release notes</li> </ul>  | 14.11.2019 |

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| 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>Why can't the code be pushed to github on a daily basis?</li> </ul>   | 10.10.2019 |
| 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> <li>FHIR is already guiding, GRAPH-QL is more open</li> <li>Session for Developers conference</li> </ul> | 10.10.2019 |
| 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="https://openimis.atlassian.net/browse/OP-84">https://openimis.atlassian.net/browse/OP-84</a></li> <li>will be done after the October release</li> </ul>  | 26.09.2019 |
| 119 | October release                                 | A | <ul style="list-style-type: none"> <li>release server: release.openimis.org</li> <li>Despite incomplete testing: release official October release - apply patches on the basis of bug reports</li> <li>Release notes to be done on modular architecture</li> </ul>  | 31.10.2019 |
| 120 | Testing Claim validations                       |   | Claim validations (@Submit and @Processing) are 'very' complex. We ported the SQL stored proc to python but testing is very complicated. Help from the community would be useful -> involve IC  | 14.11.2019 |
| 121 | FHIR API - Eligibility Nepali format            |   | Release a new FHIR API version 0.0.5 with <a href="#">PR</a><br>Finished - formal OK from Possible Health needs to be given<br>change the nepal format as default   | 21.11.2019 |
| 124 | Accident Insurance                              |   | Accident insurance might be required in the context of new Nepali instance - a case for   | 14.11.2019 |
| 125 | HF & Locations module                           | I | Scope established:<br><a href="https://openimis.atlassian.net/wiki/spaces/OP/pages/920584218/Locations+Health+Facilities+module+scope">https://openimis.atlassian.net/wiki/spaces/OP/pages/920584218/Locations+Health+Facilities+module+scope</a><br>... starting to implement  | 14.11.2019 |
| 126 | GDHF meeting                                    | A | openIMIS is able to support the needs of the upcoming GDHF meeting<br>near 2hrs of a lab session where are going to talk about openIMIS within an HIE space. This session we want to do a demo of data flowing through point of service systems, openIMIS and DHIS2 etc. So you guys can see what we are looking at here  | 21.11.2019 |
| 127 | Privacy Policy                                  | A | Google Play for Claims APK: "Your app has an apk with version code 2 that requests the following permission(s): android.permission.CAMERA,  | 28.11.2019 |

|     |              |   |  |            |
|-----|--------------|---|--|------------|
|     |              |   | android.permission.READ_CONTACTS. Apps using these permissions in an APK are required to have a privacy policy set.” |            |
| 128 | GNUHealth IO | I | GNUHealth put openIMIS interoperability on the roadmap   | 28.11.2019 |

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