

openimis Developers Committee Minutes

Title	Developers Committee Meeting	Date	24.02.2022	
Location	https://meet.jit.si/openIMISDeve	lopers	Time	08:00 UCT
Meeting called by	openIMIS Initiative	Type of meeting	Weekly Call	
Facilitator	All	Note taker	All	

#	Item	Item Discussion			
π	Item			Date	
40	A: Action, C: Confidential, D: Decision, I: Information, W: Warning				
19	AGPL V3 License	W	 Will there be a problem with external security-related code because of the copy-left clause? https://openimis.atlassian.net/wiki/spaces/OP/pages/40566798/Licenses German lawyer sent preliminary report, waiting for DEZA reaction DEZA still proposes Bern clause http://www.apache.org/licenses/LICENSE-2.0 needed for the HTTP Client mobile app (Point 4 - Redistribution) 	27.01.2022	
59	DHIS2 Integration	ı	 Demo DHIS2: https://dhis2etl.s1.openimis.org Release DHIS2: Dataset could be used instead of program https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset to be checked: Program Dataset Connector (PDAC) ADX file support to be supported? QA ongoing, initial load with TZ data ~ 2 weeks performance improvements by creating daily batches 	24.02.2022	
92	openHIM	I	 OpenHIM sandbox server: https:openhim.s1.openimis.org propositions from OHIE: Workforce (would need FHIR) https://openimis.atlassian.net/browse/OP-452 need mediators from formal sector etc. in progress mediator for payment layer is added 	24.02.2022	
105	List of modules	D	 JLN: https://openimis.atlassian.net/wxiki/spaces/OP/pages/80760021 g/Background+-+Joint+Learning+Network+for+UHC https://openimis.atlassian.net/wiki/spaces/OP/pages/589561955 /openIMIS+Plugins Discussion at openHIE: disconnect technical and front end level of "modules" - FE=JLN, BE=technical aspect mapping to be reviewed - action needed for new developments and releases & roadmap support from Tender 2 contract Mapping openIMIS-JLN started: https://openimis.atlassian.net/wiki/spaces/OP/pages/94542234 5/JLN+Process+-+OpenIMIS+Mapping Toumai consultant is reviewing processes 	17.02.2022	
127	Publish AAB/APK on Gplay	А	 Policies Demo Mobile App on Google Play Solution to improve the application (e.g. app name is Barcode Scanner on some phones) TZ policy app will be pushed to Google Play - in testing countrywide Eric added a GitHub action to build APK and AAB. Installing the APK 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. 	13.01.2022	

135	Modular	Α	legacy part is productive - FE not applied for all functions	
100	version Install Nepal		 legacy part is productive - FE not applied for all functions 2 domains 1 Modular - 1 legacy 2 domains will be used in parallel Claim reviewers will be the first to use the modular; if it work well other kind of user will move to Modular new features will only go to modular version Performance issue is still blocking (#250) series of online sessions & support planned from next week - HIB fully engaged 	24.02.2022
136	Al Project	A	 openIMIS Al-based Claim Adjudication improvements with STPH internal funds Inconsistencies were identified in data updating to use FHIR APIs hybrid event on 02.02.22: Building bridges between innovation and impact on AI in healthcare data discrepancies for 2020 due to covid? claim ID/insurance ID replaced for performance 	24.02.2022
137	instant openHIE (E0)	1	 Project page: https://wiki.ohie.org/display/resources/Instant+OpenHIE Instant OpenHIE Architecture doc Instant openHIE is a solution to launch "docker stacks" of different e-health systems => implemented Code delivered, demo to be planned 8.3. 	24.02.2022
141	Demo instances for the interop use cases	A	 Demo instances of OpenMRS, Bahmni and DHIS2 integrations: https://openimis.atlassian.net/wiki/spaces/OP/pages/3219128428/Sandbox+Landscape BAHMNI-Docker under revision -> in T1 MojaLoop is installed but not configured, MIFOS is installed and configured openHIM is installed and configured 	24.02.2022
147	Tanzania implementation	I	 National Rollout for e-payment ongoing, UAT ongoing Policy Notification module to send SMS for activate, renew, expiry installed in production Insuree card with QR codes will be developed soon Payment module rolled out nationally integration into 2 HMS and one accounting systems Insuree self-renewal through USSD Bulk payment of policies to be developed 	24.02.2022
148	Mobile technology for openIMIS	I	 Nils Concept link to wiki page links: #127, #193 restart discussions? Target: define task for T1 or student - s cope might be rather big all: look for resources and options Android FHIR-SDK usable ? https://github.com/google/android-fhir Google Summer of Code? https://pub.dev/packages/fhir 	17.02.2022
160	openIMIS developer tools E0	A	 Modular developer starting kit: initialize BE and FE modules in development mode install tools clone github repos make links to assembly https://github.com/openimis/openimis-dev-tools/tree/develop Allow the installation of Python and git? Docker for Developers? -> docker override in https://github.com/openimis/openimis-dist_dkr/tree/feature/e0 delivered in Dec 2021 demo on 8.3. 	24.02.2022

164	Roadmap	1	Old roadmap documents need updating e.g. for the new tender	
			processes #167. Expect heavy Wiki harvesting & restructuring https://openimis.atlassian.net/wiki/spaces/OP/pages/40763442/ Product+Roadmap FS to be updated Link Jira Roadmap or Confluence Roadmaps?	25.02.2021
176	Video tutorials (Impl)	I	 Session 1 - openIMIS Legacy Web Application Session 2 - openIMIS Legacy Web Application Localization Session 1 Q&A session <u>linked in the wiki</u> Session 3 might have to be postponed to avail time for maintenance Developer videos subtitled to French https://openimis.gitbook.io/installation-and-country-localization/ 	19.08.2020
183	Nepal new features (modular)	А	 New features are requested by HIB Puru will submit the new features on Jira (part already on jira) contracting out in Nepal by tomorrow Legacy/Modular will depend on the module available New mobile app for enquiries under development needs to push to github by end of the week 	24.02.2022
188	Extend to other Schemes (Product redesign) "Beyond Health"	A	 https://openimis.atlassian.net/wiki/spaces/OP/pages/18173460 53 found Jiri report, needs to be uploaded Ideas for architecture: https://openimis.atlassian.net/wiki/spaces/OP/pages/30242898 30/openIMIS+beyond+health+features+needs channel this through Conversion Initiative workshop coming up with other SP software communities 	17.02.2022
190	Insuree self registration (general)	I	 contract finished, still need to upload the code need to add developers to openIMIS github bug-fixing is on-going set up deep dive with Tinker Technology to synch with IC discussions HIB approved - presentation next Gumzo February github permissions were granted 	27.01.2022
193	Client self management Mobile App in Nepal	I	 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?) code needs to be uploaded 	03.02.2022
204	Students	A	 Can we recruit students for a thesis? Page to be created with possible thesis topics new contact from Mannheim - positive signs from the colleagues in Mannheim => to start working in March https://jobs.giz.de/index.php?ac=jobad&id=59542 https://openimis.atlassian.net/wiki/spaces/OP/pages/2282913793/Google+Summer+of+Code+2021 STPH & SolDevelo & SolDevelo Fundation are preparing the participation to Google Summer of Code 2022 	24.02.2022
208	Developer Workshop	D	 What about a Dev Workshop in January? Rather later in person (Nepal) Intermediate sessions as needed (Kickoff for new T3 project: 04.01.) preferences: Nepal, then Kenya 	09.12.2021
223	Testing Scenarios	D	 https://openimis.atlassian.net/wiki/spaces/OP/pages/13438812 61/Quality+assurance https://openimis.atlassian.net/wiki/spaces/OP/pages/13369671 79/Quality+assurance+opensource+tools instance installed: qa.openIMIS.org 	03.02.2022

230	Security auditing	D	 new overview page: https://openimis.atlassian.net/wiki/spaces/OP/pages/30006640 81/Test+cases+overview modular installation instructions under review especially by the Niger implementation project Decide if we want/need to have a security audit target: after April 2022 for FE&BE, October 2022 for Postgres plans in Nepal (GIZ/HIB) for security audit Security expert to do some penetration testing in November Penetration test were done - issues will be addressed Communication to implementers started 	24.02.2022
232	Al workshop	W	 legacy issues were fixed schedule detailed calls on single projects from Al workshop kick of call with GIZ NP next year -> #271 	16.12.2021
233	FHIR IG (E0)	Α	 R4 IG: https://openimis.github.io/openimis_fhir_r4_ig profiles are done and code is updated updated FHIR R4 module delivered https://wiki.digitalsquare.io/index.php/Global_Goods_Communit y: Digital Square FHIR webinars Final openIMIS FHIR IG will be delivered end Dec Invoice and Bill Profiles will be included in the FHIR IG on github need to update wiki documentation https://fhir.openimis.org 	17.02.2022
234	Payment Layer	I	 Discussion on payment layer integration started with Mifos OpenG2P.org for payment processes deep dives for coordination of projects need to be attended by all involved teams! energizer calls (15min each) starting Friday until the end of the month GovStack use case in preparation #239 	24.02.2022
236	Nepal Claim FE integration into main	А	 Nepal rework the claim FE module to improve the layout demo to implementers was done integrate code into develop branch through feature branches - by the end of the week 	24.02.2022
238	Chat-Channel	D	 app for chats available (clients / apps) https://discord.gg/khDgTDWUZV -> we are using discord update wiki pages (communication channels) 	24.02.2022
239	GovStack	Α	 technical specification documents are ready for review: https://docs.google.com/document/d/18aJLgW4dlB89UMFV XBnrzpHwGLnmQpaoxUGVMxsoGUo/edit https://discourse.govstack.global/t/govstack-documents-and-resources/95 Tender for systems integrator is preparation - sub-contracts could be a good chance for openIMIS OpenAPI specs: https://fhir.openimis.org/openIMISCapabilityStatement.openapi.json openIMIS Integration: https://docs.google.com/presentation/d/1IZh5FQlqgmVkk7KU0ui8ETVaFawfsT-DFO8Zql6G-mU/edit#slide=id.p1 	24.02.2022
243	Item/Service groups	I	 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. Think about hierarchies https://openimis.atlassian.net/wiki/spaces/OP/pages/2998730753/Classification+of+Social+Protection+Schemes 	17.02.2022

			Not integrated in the new modules because no real demands and not in the scope/budget	
246	International Developers	А	 How do we make the community compatible to other language groups at all levels? French channel in discord? Workshop organised by Digital Square https://path.zoom.us/meeting/register/tJModO6tqz8iG9DugwdjxWmmwXtnUx5-o0yn/success?user_id=pddwKqRiQpCrAyX4p8kdCA&timezone_id=America%2FNew_York 	10.02.2022
249	Random Claim Sampling	I	 HIB has requested support on Claim Random Sampling. Details were sent by HIB - put it on wiki Link Pressing, but maybe not too complicated Gone live results: in evaluation upload to github by the end of the week 	24.02.2022
250	Performance test (Modular) on big data set	W	 Test and fix any timeout issues https://s2.openimis.org/front/home trip to Nepal will be hybrid soon preparing test version on NP test server on latest tested version can it be further anonymized for use as demo data set 	24.02.2022
252	Toumai Community		 Preparing the first webinar scheduled the 8th March The hiring process of the regional hub for Africa is ongoing The hiring of a community expert is ongoing 	03.02.2022
260	Documentation management platform	D	 docs.openimis.org (ReadTheDocs) openIMIS Docs https://openimis.gitbook.io/installation-and-country-localization/ (GitBook) more in-code documentation needed need to standardize & improve module documentation (e.g. which repositories are involved?) topic in co-ordination desk team meeting 	16.12.2021
271	Al Workshop Nepal		after performance issues are solved	04.10.2021
274	Default module configuration	Α	implementers know what can be configured.could be done through migration script	27.01.2022
280	Digital Square Notice F	I	 https://applications.digitalsquare.io/ Two applications on F2 from Bluesquare accepted for co-creation phase peer review phase finished 	17.02.2022
284	offline mode (web)	I	 current version of extracting data for offline mode for web-app is not working nobody is using it, improve mobile apps instead need to communicate to implementers Ticket open to test the offline version for the Legacy https://openimis.atlassian.net/browse/OP-466 problem with vouchers - synch via USSD? 	17.02.2022
286	Mauritania Implementation	I	 ePayment implementation through Bankily mobile application in discussion 	16.12.2021
287	Demonstration of Swiss Al-Tools @ Expo Dubai	I	 Hybrid event with possible live demo of Claim-AI module in Dubai https://gdhub.org/building-bridges-between-innovation-and-impact-on-ai-in-healthcare/ postponed to 21.03 	03.02.2022

288	Implementer documentation	D	 Should we add specific documentation for the implementers (not end user or installation)? Explain the module configuration in details through tender 2? 	24.02.2022
289	Big merge	Ι	 Lots of big merges done with product, payers, funding, new login screen and more. Some integration/deployment issues. 	24.02.2022
290	Schedule-tasks engine	D	 Add a schedule tasks engine in core module to manage schedule tasks from other modules bypass assembly settings.json configuration ease configuration, (de)activation, etc. 	13.01.2022
291	Server time to UTC	D	datatypes with timezones sufficient?	27.01.2022
292	ClaimAdmin model moved to Core module	А	User requires claim.ClaimAdmin => move it to core?	10.02.2022
293	Authentication	I	 Since Blsq modified the authentication so the frontend adds the JWT token to every call, the PDF download and file attachments stopped working as they're links opening directly into the browser => no authorization header passed. Blsq therefore changed the authentication system to use cookies. This led to a rewrite of the jwt_authentication that checked the various "bearer/basic/remote_user" auth. It is much simpler now and should work with basic auth, remote_user and bearer. PR are out, would love feedback on each team's use cases. cookies? https://gdpr.eu/cookies/ > See "Strictly necessary cookies" (these are only session/language management cookies, no tracking) GDPR states that we don't need consent but should inform about the cookies. We could provide that info in general terms & conditions or provide an optional way to show a banner on first visit (that would require another cookie). 	10.02.2022
294	Camera access from webapp	А	 Registration with pictures through the WebApp? Using the browser access to camera https://www.digitalocean.com/community/tutorials/front-and-rear-camera-access-with-javascripts-getusermedia https://codepen.io/chrisbeast/pen/ebYwpX No real advantage in offline mode (can use mob. app) but in branch offices with registration at the counter 	17.02.2022
295	OpenMRS/BA HMNI FHIR		 openMRS/BAHMNI FHIR needs to be updated to FHIR4 - workload and funds (Notice F2?)? (FHIR3 still works, though) estimation? synchronise with Possible Health implementation 	17.02.2022
296	Cameroon VS Implementation	I	 bundle/package of services and items to be developed UCPC MoH 	10.02.2022
297	Cont. Int.		Most of CI issue fixed	10.02.2022
298	Rel 2022-04	А	https://openimis.atlassian.net/wiki/spaces/OP/pages/3211395073 /Release+2022-04 testing of the full modular openIMIS in preparation by Implementers	24.02.2022
299	Partner Pages	I	https://openimis.atlassian.net/wiki/spaces/OP/pages/831357029/Repository+of+openIMIS+Partners	17.02.2022
300	Capitation function	Α	how to add calculation rule for capitation	24.02.2022

Planned Absences:

Uwe Wahser:

Dragos Dobre:

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Saurav:

•

Eric Darchis:

Quentin:

Kamil Madej:

•

Patrick Delcroix:

•

Carl Fourie:

Purushottam Sapkota

•

Soldevelo Team:

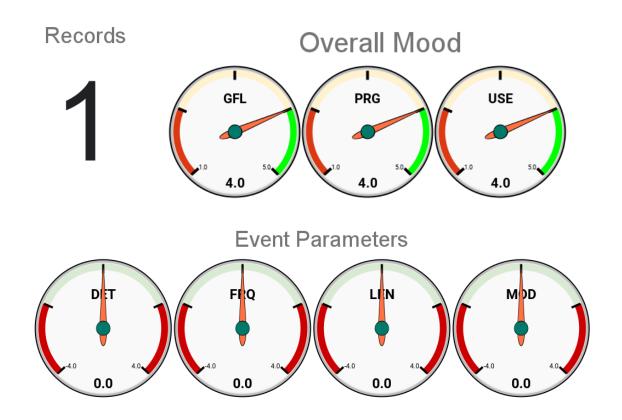
- Absences calendar
- •

After every meeting:

- make a freeze of this document (File->Make a copy) to the <u>archive folder</u> as YYYY-MM-DD.openIMIS_DevelopersCommitteeMinutes.pub (YYYY-MM-DD = day of the call)
- Remove confidential information from the archive file:
 - o header rows: Attendees, Distribution List
 - o column: Who
 - o all row which are marked with a C in the first column
 - o everything below the issue table
- Remove comments
- Remove text highlighting
- Download the archive file as PDF to your computer
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https://openimis.atlassian.net/wiki/spaces/OP/pages/44105736/IT+and+Product+Group+Meetings

Meeting evaluation:



Legend:

Overall mood (status):

GFL: General feeling about the meeting [very disappointed ... very glad]

PRG: General feeling about project progress (own project) [big trouble ... great success]

USE: Usefulness of the meeting (for own project) [not at all ... very much]

Event parameters of the meeting (XYZ needs to be ...):

DET: Degree of detail [more condensed ... more detailed]

FRQ: Frequency of the event [fewer ... more]
LEN: Length of the event [shorter ... longer]
MOD: Moderation [stricter ... more open]