openIMIS Developers Committee Minutes

Title	Developers Committee Meeting	Date	08/07/2021
Location	**https://meet.jit.si/openIMISDevelopers**	**Time**	**09:00 CEST**
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	• 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	29.10.2020
59	DHIS2 Integration	I	• FHIR API https://github.com/hispindia/openimis-be-api_fhir_py • Wiki page for Extension Descriptions - [https://openimis.atlassian.net/wiki/spaces/OP/pages/961544193/FHIR+Extensions] • repository started to have DHIS2 as an openIMIS module https://github.com/openimis/openimis-be-dhis2_py • Which data set to use for (future) demo instance? • calls with HISP ongoing • etl https://dhis2etl.s1.openimis.org • do we need two ETL mechanisms? might deprecate the JAVA ETL • demo data need restore • tests with demo data, no valid insuree found by the ETL, to be investigated • Dataset to be used instead of program https://openimis.atlassian.net/wiki/spaces/OP/pages/1484423230/Report+queries+for+SSRS+dataset •	17.06.2021
73	RFC Formal Sector enrollment	I	• Specification available here. (Cambodia) • Enrollment+Registration (Nepal) • Contracting module is done, • Finalised, minor issues to solve ETA for final modules 4.06 • user picker was delivered - still issues integrating it. done by this week	01.07.2021
92	openHIM	I	• OpenHIM sandbox server: • https://sandbox.openhim.org/ ○ Login details on home page • call between Healthix - OpenHIM happened, renaming mediators to match their style happening. • adaptions to OpenHIM uploaded - waiting for feedback • propositions from OHIE: Workforce (would need FHIR)	17.06.2021
105	List of modules	D	• JLN: https://openimis.atlassian.net/wiki/spaces/OP/pages/807600219/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 • https://openimis.atlassian.net/wiki/spaces/OP/pages/945422345/JLN+Process+-+OpenIMIS+Mapping • mapping to be reviewed -	06.05.2021

			● action needed for new developments and releases & roadmap ● support from Tender 2 contract ● Mapping openIMIS-JLN started:	
115	Integration of Nepal .NET feature into legacy system	A	● Code will be uploaded on a daily basis (https://github.com/purusap/web_app_vb) ● https://github.com/openimis/web_app_vb/blob/develop/IMIS_BL/EscapeBL.vb#L38 on how to use compilation variation ● pull request needed (per feature)	27.05.2021
127	Publish APK on Gplay	A	● 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 is considering to add a GitHub Action to build APKs as it'll have to be done for Niger too.	01.07.2021
131	New provider for the server and domain name	W	● https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server%2BLandscape ● demo.openimis.org moved already ● migrated https://openimis.org	08.07.2021

135	Modular version Install Nepal	A	● Target for 15.05.2021
			● 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
				27.05.2021

136	AI Project	A	● openIMIS AI-based Claim Adjudication ● UAT workshop was done in Nepal ● positive user feedback, more time for testing needed ● will be tested in production after rollout of the modular version	27.05.2021
137	instant openHIE (E0)	I	● 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 ● docker is ready for publishing, targeting modular version only ● https://github.com/openimis/openimis-dist_instant_openhie ● replacing the FHIR models with fhir.resources python package ● starting to develop the openIMIS FHIR Profile and IG with SUSHI	08.07.2021
141	Demo instances for the integrations C1	A	● Demo instances of OpenMRS, Bahmni and DHIS2 integrations ● new+openIMIS+installations ● https://openimis.atlassian.net/wiki/spaces/OP/pages/1774845970/Server+Landscape ● Alternative: Resources on Amazon Cloud available if openIMIS is compliant to OpenHIE deployment ● Verify if all the source-codes are available ● Reactivate Jembi after OpenHIM is on our infrastructure ● BAHMNI-Docker under revision -> in T1 ● Looking for the newest Developments from Possible Health ● openMRS FHIR needs to be updated to FHIR4 - workload and funds? (FHIR3 still works, though)	01.07.2021

147	Tanzania implementation	I	• GoTHOMIS (inhouse HMS) and AfyaCare (HMS on OpenMRS) integration to openIMIS requested • integration with accounting system - which would be the workflows and messages/ressources • National Rollout for e-payment ongoing, going into UAT next week in four regions - Rollout in July ○ new payment process to be clarified • New development in Modular to send SMS for activate, renew, expiry => in testing this week •	08.07.2021
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	19.04.2021
159	Simplify openIMIS reference package E0	D	• [Simplify+openIMIS+reference+package](#) • Notice E0 application accepted! dates to be defined • Due date is end 2021 • recipe/template to build docker compose packages established for AI & Formal Sector - done (#159, #160) • https://github.com/openimis/openimis-dist_dkr/tree/feature/e0	17.06.2021

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
				01.07.2020

164	Roadmap	I	• 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 [linked in the wiki](#) • Session 3 might have to be postponed to avail time for maintenance	13.08.2020
183	Nepal new features (modular)	A	• 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	22.04.2021
188	Extend to other Schemes (Product redesign) "Beyond Health"	A	• Before going for the product migration, should we make the payment to Hf (to insuree ?) as separate modules (like RBF, …) that could be added to openIMIS, in addition it will simplify the page in case only one way of payment is activated. • https://openimis.atlassian.net/wiki/spaces/OP/pages/1817346053 • discuss in the migration context after kick off: Meeting on the 14 at 14h • found Jiri report, needs to be uploaded	06.06.2021

			• workshop session: https://openimis.atlassian.net/wiki/spaces/OP/pages/2284847173/Extend+openIMIS+to+other+financing+schemes+technical • Is there an official list or catalogue of SP instruments	
190	Insuree self registration (general)	I	• contract finished, still need to upload the code	08.07.2021
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?) • work will be finished this month	24.06.2021
204	Students	A	• Can we recruit students for a thesis? • Page to be created with possible thesis topics • Link #216	19.03.2021
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.)	15.04.2021
223	Testing Scenarios	D	• https://openimis.atlassian.net/wiki/spaces/OP/pages/1343881261/Quality+assurance • https://openimis.atlassian.net/wiki/spaces/OP/pages/1336967179/Quality+assurance+opensource+tools • instance installed: qa.openIMIS.org • openIMIS Testing Scenarios: Summary of the brainstorming https://openimis.atlassian.net/wiki/spaces/OP/pages/2501804037/openIMIS+Testing+Scenarios • Cloud https://www.selenium.dev/ be an option to create and manage testing cases? • presentation in deep dive today	01.07.2021
226	New logos	A	• Logo updated on WebApp ○ change favicon • minutes • openimis.org	08.07.2021
229	REST API 2 FHIR (E0)	D	• Will propose to migrate the REST API to FHIR in E0 • Can we develop the data import/export based on FHIR format? • Mobile application adaptation to FHIR	15.04.2021
230	Security auditing	D	• Decide if we want/need to have a security audit • target: after April 2022 for FE&BE, October 2022 for Postgres	15.04.2021
231	Anniversary Release	A	• special release before October with AI & FS ○ TBC: Process to publish on PIP/NPM must be checked (Github actions) • will be done with the October release	08.07.2021
232	AI workshop	A	• plan a workshop with new AI contacts on next steps • mail with doodle is out • Workshop was done on Monday, Summary sent out, schedule detailed calls on single projects	24.06.2021
233	FHIR IG (E0)	A	• example: https://demo.openimis.org/fhir-ig/ • needs completed mapping • FHIR-DevDays presentation on implementation • Digital Square webinar coming up: 28.7. 14:00 CET • will follow #229	24.06.2021
234	Payment Layer	I	• Discussion on payment layer integration started with Mifos OpenG2P.org for payment processes	10.06.2021
235	New tender	I	• New tender on Social Protection schemes is out • https://openimis.atlassian.net/wiki/spaces/OP/pages/2777219098/GIZ+SPIL+Tender+3+-+2021	01.07.2021

			● selection process started	
236	Nepal Claim FE integration into main	A	● Nepal rework the claim FE module to improve the layout ● demo to implementers was done ● integrate code into develop branch through feature branches - started	08.07.2021
238	Chat-Chann el	D	● need to review options for chat (skype, slack, discord) ● try out several options on a monthly basis? ● https://openimis.atlassian.net/wiki/spaces/OP/pages/65375478 9/Communication+Platforms ● tested discord with this call today	08.07.2021
239	GovStack	A	● can SWAGGER also be used for APIs? Lots of extra work ● Web-hooks ● https://www.govstack.global/ ● https://solutions.dial.community/products ● deep dive today	08.07.2021
240	Tools functionaliti es responsibilit y	D	● each functionality in tools menu is related to a business module ● migrate the tools functionalities into the responsible module ● E.g. reports should be managed and accessed from business modules => remove reports page ● E.g. EO should be managed by Insurees or Policies modules and CA should be managed by Claims modules	08.07.2021
241	Legacy permission not present in modular (E0)	A	● Some permissions/authorities present in legacy openIMIS are not present (yet) in the modular version because the owning modules are not migrated yet ● Where should we put them to have all permissions and can use the Role Management module?	08.07.2021
242	Items/Servi ces rewrite	I	Screenshots below. Pretty similar to current screen. Comments welcome. fe-admin vs fe-medical	08.07.2021
243	Item/Servic e groups	I	Saurav 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.	08.07.2021

< Medical Service details

Service Code *
I1

Service Name *
BLOOD SUGAR- RANDOM OR FASTING

Service type
Preventative

Service Category

Service Level
SimpleService

Price
$ 1300.00

Care Type
In & Out - Patient

Frequency

☑ Male   ☑ Female   ☑ Adult   ☑ Minor