StAR-2 project

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I. OBJECTIVE

1) To update the status of the procedure uploading to the new OpenMRS server.

II. PROCEDURE FOR SANA MOBILES

In this Progress Report, the updates of procedure uploading to the new server will be presented. Sana mobile app login account of the observer i.e. the person who records the responses from the patient, has been done via OpenMRS. In Progress Report 32, the test procedure was using 'API Test', which is a registered procedure at the server by other developer. The information on how to register a new procedure has been received from the OpenMRS forum. As shown in Fig. 1, firstly, the system developer needs to login into Django administration. Then, the new procedure is added. This add/change procedure page has some detailed infomation about the newly registered procedure such as title, author, description, version, the procedure file name (.xml format) and uuid. These information need to be written at the top page of the procedure file (.xml) in Android Studio. The new procedure, 'Test 1', and the responses has been successfully uploaded into the demo server *demo.sana.csail.mit.edu/openmrs/module/sana/queue/v1/queue.form* as shown in Fig. 2.

We have received a good news that the new server is ready to be used. The first task is to register another procedure, 'Test 2' to *openmrs-sana-arc.uct.ac.za/mds/admin/core/procedure/add/* using Django administration credential. The procedure is then 'run' using Nexus 5 API 19 emulator. The responses are uploaded to the server. However, at this stage, there are still errors when uploading the responses to the new server as shown in Fig. 3 and Fig. 4. There are several questions about this error message in OpenMRS forum. So far, there is no absolute solution given. A few suggestions are written which I will go through again. I will also contact and highlight this problem to our co-developer, Timothy Carr soon. Next week, sms-and email-sending process from the server will begin.

III. CONCLUSION

The new server has been installed and up. However, there are still some errors when uploading the procedure and responses to the new server. There were no issues when using the demo server previously. Further evaluation will be carried out to solve this problem.

Django administration		Welcome, admin. Documentation / Change password / Log ou		
Iome > Core > Procedures				
The procedure "Test 1 1.0" was changed su	cessfully.			
Select procedure to change			Add procedure +	
Action: • Go	0 of 4 selected			
Title	Author	Uuid		
Test 1	Nazrul	e4f63960-809b-4c08-b1f3-0967e12bf3b5		
Nazrul Test	Nazrul	9cd4ca70-cb83-491e-8036-01995f9c4d04		
📄 Zika	Sana	c87c68a9-c85d-44cc-b1fd-c54f51b0be82		
API Test	Sana	2bae218f-9c07-40ac-88fb-c7c60aa1d89d		
4 procedures				

Fig. 1. Adding procedure using Django administration credential

		Imit.edu/openmrs/modu	le/sana/queue/v1/queue.form									
Open	MRS								n as Nazrol Anuar Nayan <u>Loo out</u> <u>Hy Profile</u>			
				Home Fit	nd/Create Pi	itient Diction	ary Encounter Queue Adminis	tration				
Admin MDS Logs. Manage Medical Vocabularias. Sana Procedure Validation. View Encounter Queue												
Sana Queue												
Pending Cases Deferred Cases Gissed Cases												
Select All/Active/InActive Stew 2694 • Riter Sort by O Newest First • Oldest First												
Select Visible Procedures by Title search Procedures by Title												
Patient Case	•											
Archive	Status	Patient ID	Patient Name	Age	Sex	Procedure	Date Taken	Contact Number	Media Summary			
	New	1234560001	Nayan, Nazrul	41	м	Test 1	2016-07-29 08:42:47.0	15555215554				
Go To Page	Go	Items per Page 10 *										
E Colord All	Select P	tone Archive Selected										

Fig. 2. The new procedure, Test 1, and responses uploaded to the OpenMRS demo server



Fig. 3. Error message from the emulator after trying to upload to the new server



