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.
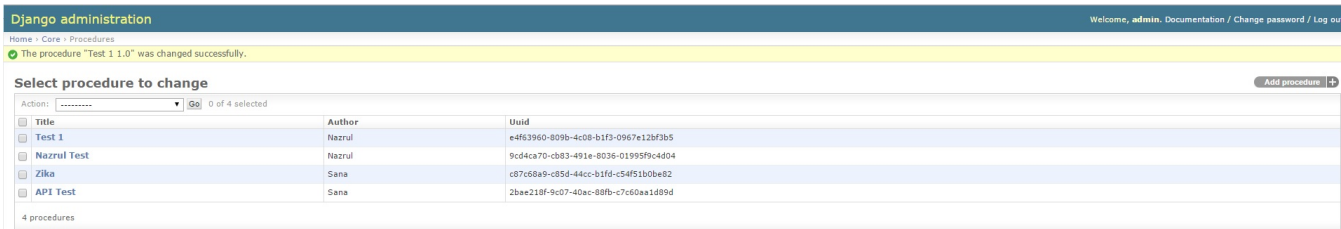

Fig. 1. Adding procedure using Django administration credential
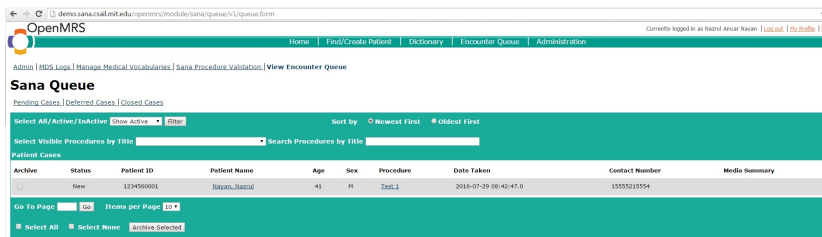

Fig. 2. The new procedure, Test 1, and responses uploaded to the OpenMRS demo server
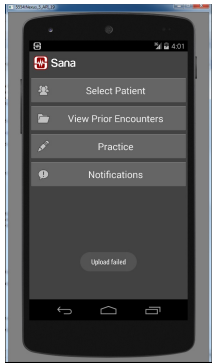
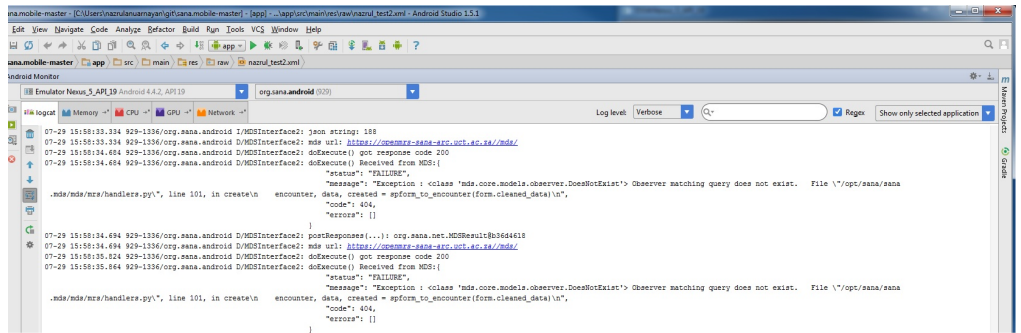Fig. 3. Error message from the emulator after trying to upload to the new server

Fig. 4.   Error when uploading the procedure to the new server