Test Report for Vitals signs, body mass index and growth charts - 170.314 (a)(4)

Project	OpenEMR MU stage 2 QA
Total Number of Test cases	5
Test cases Passed	4
Test cases Failed	**1**
Date	February 10, 2014
Test Procedure Used	170.314 (a)(4) Vitals

Test case ID	Test case description	Test case Procedure	Test Data	Expected Result	Actual Result	Status
		Vitals				
TC_Vit_5	Electronically Record Patient Vital Signs [Numerical data alone]	1. Login into the application 2. Select any patient 3. Create an encounter 4. Select Vitals under Clinical menu 5. Enter the test data	Height / Length : 165 cm Weight: 63 kg Blood Pressure : 110/90	System should record all the entered values correctly without any omission	System recorded all the entered data correctly without any omission.	**PASS**
TC_Vit_10	Electronically Record Patient Vital Signs [Non - Numerical data]	1. Login into the application 2. Select any patient 3. Create an encounter 4. Select Vitals under Clinical menu 5. Enter the test data	Height / Length : 165 cm Weight: 63 kg Blood Pressure : 110s/90d	System should not record the non numerical data.	System recorded non numerical data for Blood pressure	**PASS**
TC_Vit_15	Electronically Change Patient Vital Signs	1. Login into the application 2. Select a patient to whom vitals has been recorded at step TC_Vit_5 3. Select the corresponding encounter for past encounter list 4. Click on Edit of vitals 5. Enter the modified test data	Height / Length : 168 cm Weight: 62 kg Blood Pressure : 120/80	System should allow to edit the recorded values and should record correctly without any omission	System allowed to edit the recorded values and stored entered values correctly without any omission	**PASS**
TC_Vit_20	Electronically Access Patient Vital Signs	1. Login into the application 2. Select a patient to whom vitals has been recorded at step TC_Vit_5 & modified in TC_Vit_15 3. Select the corresponding encounter for past encounter list		System should retrieve recorded and modified values without any omission	System retrieved recorded and modified values without omission	**PASS**
		Body Mass Index				
TC_BMI_5	Calculate and electronically display	1. Login into the application 2. Select any patient 3. Create an encounter 4. Select Vitals under Clinical menu 5. Enter the test data for Height and Weight	Height / Length : 168 cm Weight: 62 kg	System should calculate BMI for the entered height and weight automatically. BMI Expected :21.9	System calculated BMI automatically. BMI Calculated: 22	FAIL