PDS Application Development Report

Roll Number	IMT2017012
Name	Dasari Surya Sai Venkatesh
Application Domain Name (Banking, Transport, etc.)	Telecom
Date	08/10/19

Table Name:

S. No	Attribute Name	Attribute Type
1	model_number	Int, primary key, not NULL
2	mobile_company	String ,not null
3	model_name	String , not null
4	model	String , super key
5	date_of_relese	String (date and time)
6	connectivity	String
7	screen_size	float
8	battery_capacity	int
9	camera_megapixel	int
10	processor	string
11	weight	int
12	price	int
13	manufacturing_status	string

Testing Report

Test-Case-ID	Test Case Description	Expected Result	Actual Result	Test Result (PASS/FAIL)
TC-01	Inserting new record	SUCCESS	Mobile added successsfully	PASS
TC-02	Inserting duplicate record	FAILURE	Mobile add failed	PASS
TC-03	Modify existing record	SUCCESS	Mobile features are displayed	PASS
TC-04	Modify non-existing record	FAILURE	KEY not found	PASS
TC-05	Modify first record	SUCCESS	Mobile features are displayed	PASS

TC-06	Modify last record	SUCCESS	Mobile features are displayed	PASS
TC-07	Delete existing record	SUCCESS	Mobile deleted successfully	PASS
TC-08	Delete non-existing record	FAILURE	not able to delete the given model	PASS
TC-09	Delete first record	SUCCESS	mobile deleted successfully	PASS
TC-10	Delete last record	SUCCESS	mobile deleted successfully	PASS
TC-11	1. Open an **empty** database 2. Insert ONE record 3. Delete the only record	SUCCESS		PASS
TC-12	Retrieve existing record based on NDX field	SUCCESS	Mobile features are printed	PASS
TC-13	Retrieve non-existing record based on NDX field	FAILURE	Mobile not found	PASS
TC-14	Retrieve existing record based on NON-NDX field	SUCCESS	Mobile features are printed	PASS
TC-15	Retrieve non-existing record based on NON-NDX field	FAILURE	search failed	PASS
TC-16	Exit and restart the application Retrieve existing record based on NDX field	SUCCESS	Mobile features are printed	PASS
TC-17	Exit and restart the application Retrieve non-existing record based on NDX field	FAILURE	search failed	PASS
TC-18	Exit and restart the application Retrieve existing record based on NON-NDX field	SUCCESS	Mobile features are printed	PASS
TC-19	Exit and restart the application Retrieve non-existing record based on NON-NDX field	FAILURE	search failed	PASS