

Testing of Ford mHealth Demo Application

1. Start Up Test Cases

Test Case Name	
Submit IP Address and Port Number of the server	

Test Case ID	TC1	Created By	Vishal Garg
Functional Description	Enter the IP address and port no. of the MOTECH hosting server.		11-Dec -14

Requirements Covered
Test the entered IP address and Port are valid.

Purpose of test
To Submit the IP Address and Port

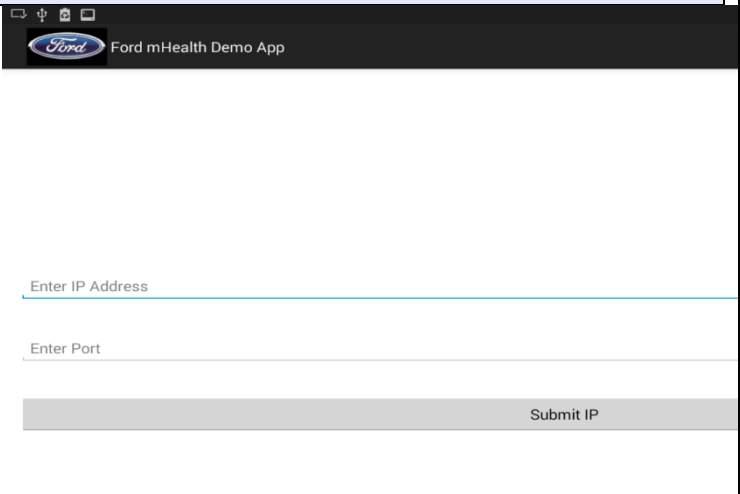
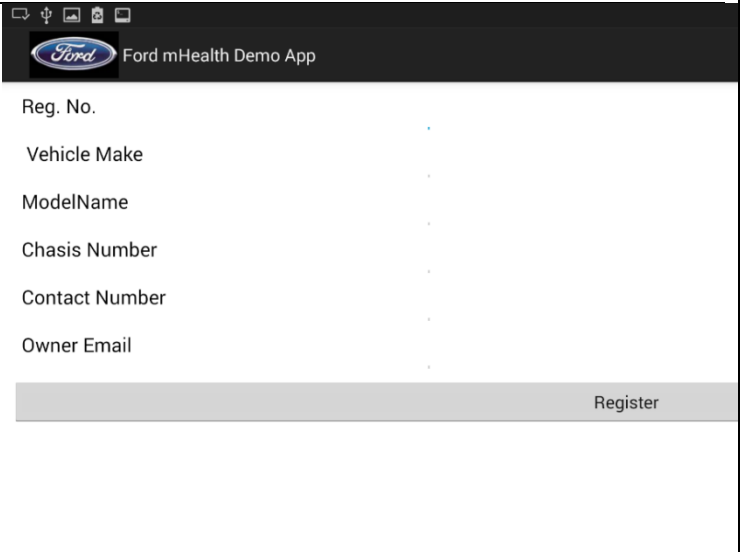
Input Test Data
<ol style="list-style-type: none"> Valid IP Address Valid Port Number

Prerequisites
Install the given apk (FordmHealthDemo.apk) on Android Tab using with a normal installation process.

Test Steps		
#	Description	Expected Outcome
TC1.01	Select the FordmHealthDemo App by tapping on it.	Screen will display asking for IP Address and Port Number
TC1.02	Enter the Valid IP Address and Port Number and Click on the "Submit" button.	It will open Registration screen.

Actual Outcome	
TC1.01	Screen displayed asking for IP Address and Port Number.
TC1.02	Registration form displayed.

Screen shots at each stage as captured below -

Results			
#	Date Run	Run By	Results
TC1.01	11-Dec - 14	Vishal Garg	
TC1.02	11-Dec - 14	Vishal Garg	

Test Case Name
IP Address and Port No Validation

Test Case ID Functional Description	TC2	Created By	Vishal Garg
	Validate the IP address and port number of the MOTECH hosting server.		11-Dec -14

Requirements Covered
Test the entered IP address and Port are valid.

Purpose of test
To Validate the IP Address and Port

Input Test Data

3. Invalid IP Address format (example: 10.1124.253.160)
4. Invalid Port Number

Prerequisites

Install the given apk (**FordmHealthDemo.apk**) on Android Tab using with a normal installation process.

Test Steps

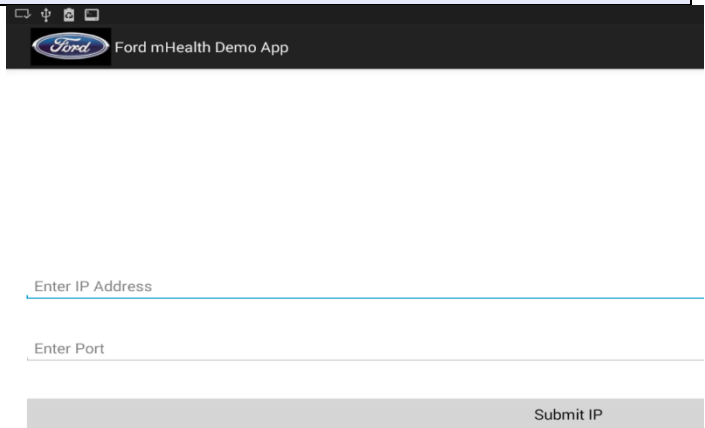
#	Description	Expected Outcome
TC2.01	Select the FordmHealthDemo App by tapping on it.	Screen will prompt for IP Address and Port Number
TC2.02	Enter the Invalid IP Address and Port Number and Click on the "Submit" button.	App will show the warning message.
TC2.03	Try to enter more than four digits in Port Number.	App will not allow entering it.

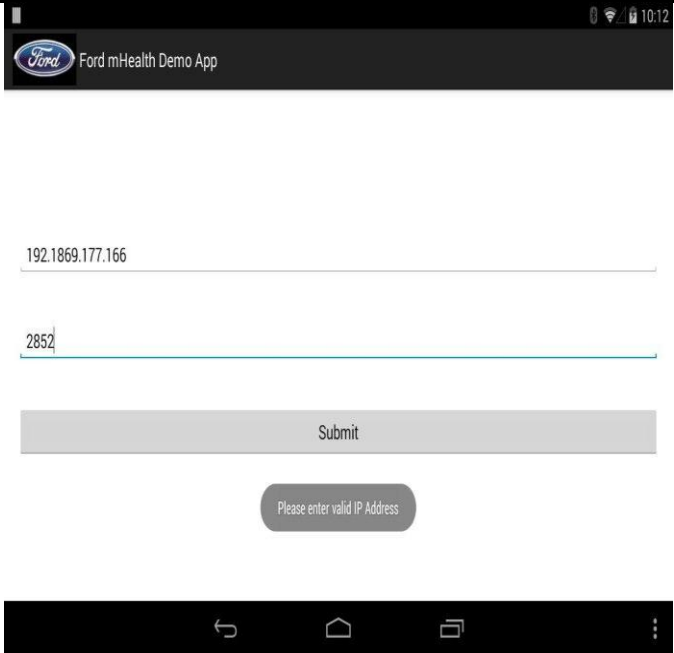
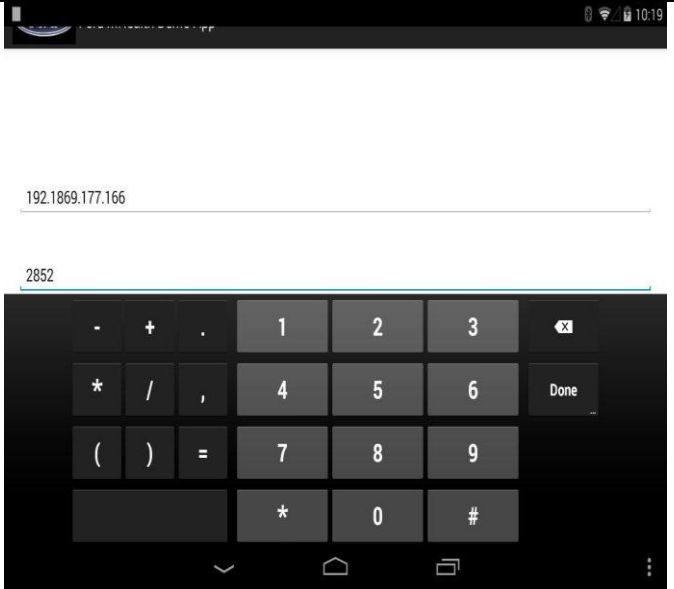
Actual Outcome

TC2.01	Screen displayed asking for IP Address and Port Number.
TC2.02	Warning message displayed.
TC2.03	Not Allow to enter more than four digits in Port Number.

Screen shots at each stage as captured below -

Results

#	Date Run	Run By	Results
TC2.01	11-Dec - 14	Vishal Garg	

TC2.02	11-Dec - 14	Vishal Garg		
TC2.03	11-Dec - 14	Vishal Garg		

Test Case Name

Register The Vehicle

Test Case ID Functional Description

TC3

Register on server to create a unique id for registered vehicle.

Created By

Vishal Garg

11- Dec - 2014

Requirements Covered

Registration Process for vehicle on device.

Purpose of test

Register the Vehicle on the MOTECH server.

Input Test Data

1. Vehicle registration number.
2. Vehicle chassis number.
3. Vehicle make name.
4. Vehicle model name.
5. Owner contact number.
6. Owner email Id.

Prerequisites

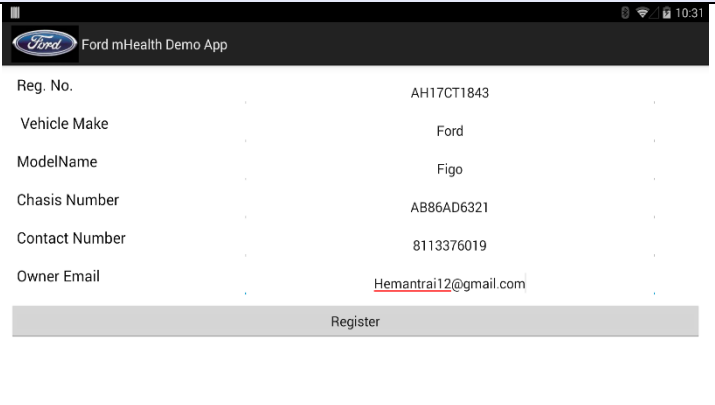
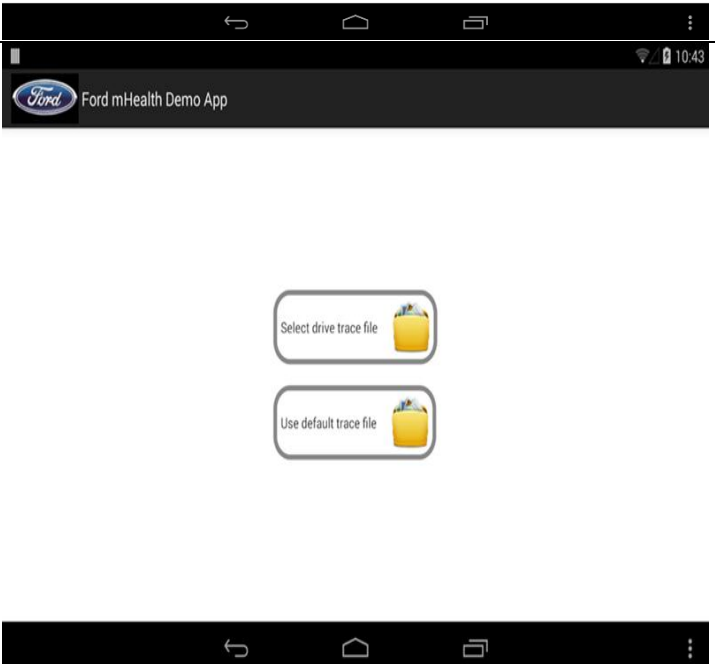
Internet connectivity is needed on the Android device

Test Steps

#	Description	Expected Outcome
TC3.01	Enter the required registration details.	Registration screen will display.
TC3.02	Click on Register button to register.	Drive trace file selection screen will display

Actual Outcome

TC3.01	Registration screen will display.
TC3.02	Drive trace file selection screen will display

Results			
#	Date Run	Run By	Results
TC3.01	11-Dec - 14	Vishal Garg	
TC3.02	11-Dec - 14	Vishal Garg	

Test Case Name

Validation on Registration screen.

Test Case ID

TC4

Functional Description

Validation on Registration screen.

Created By

Vishal Garg

11- Dec - 2014

Requirements Covered

Validation on Registration screen.

Purpose of test

To Test the validation on Registration screen.

Input Test Data

1. Vehicle registration number.
2. Vehicle chassis number.
3. Vehicle make name.
4. Vehicle model name.
5. Owner contact number.
6. Invalid Owner email Id.

Prerequisites

Internet connectivity is needed on the device

Test Steps

#	Description	Expected Outcome
TC4.01	Enter the required registration details with invalid Email ID.	Registration screen will display.
TC4.02	Click on Register button to register.	Warning Message will display.

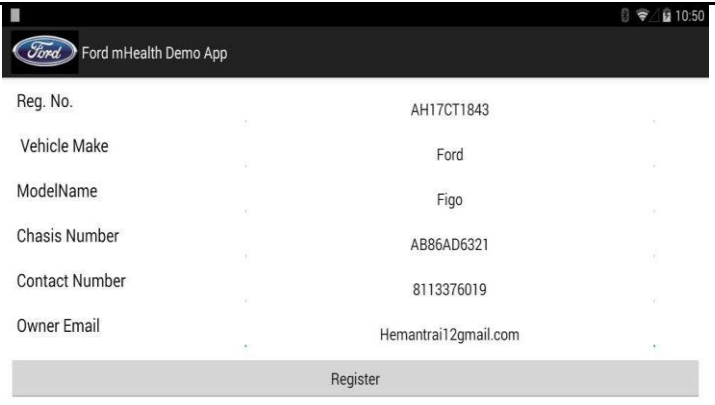
Actual Outcome

TC4.01	Registration screen will display.
TC4.02	Warning Message displayed.

Results

#	Date Run	Run By	Results
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Ford Project – Unit Test Cases

TC4.01	11-Dec - 14	Vishal Garg		
TC4.02	11-Dec - 14	Vishal Garg		

Test Case Name

Validation on MOTECH server connectivity on given IP/Port no.

Test Case ID Functional Description

TC5
Validation on MOTECH server
connectivity on given IP/Port no.

Created By

Vishal Garg
11- Dec - 2014

Requirements Covered

Validate the registration process, when IP address given of the server is not correct.

Purpose of test

If IP address of MOTECH server given is not correct, Registration process should fail.

Input Test Data

1. Vehicle registration number.
2. Vehicle chassis number.
3. Vehicle make name.
4. Vehicle model name.
5. Owner contact number.
6. Owner email Id.

Prerequisites

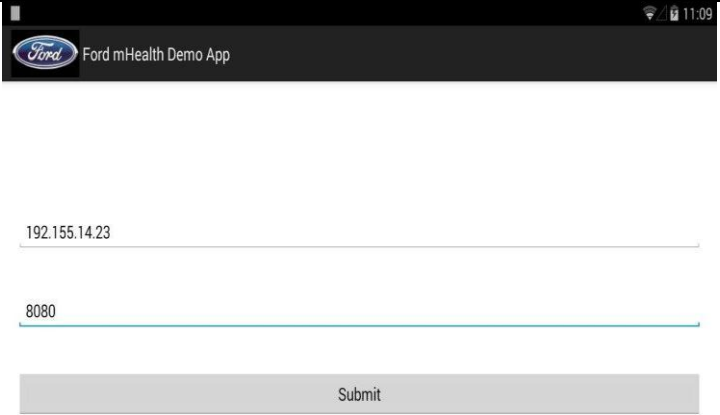
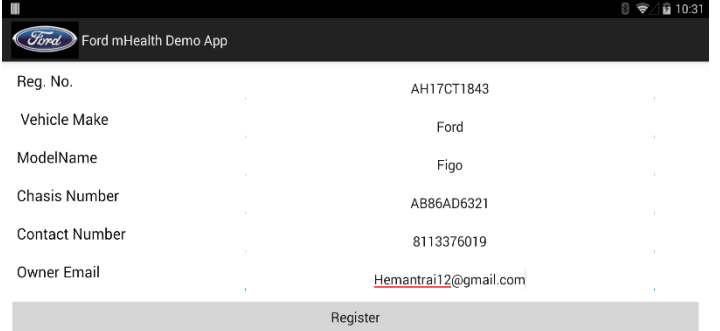
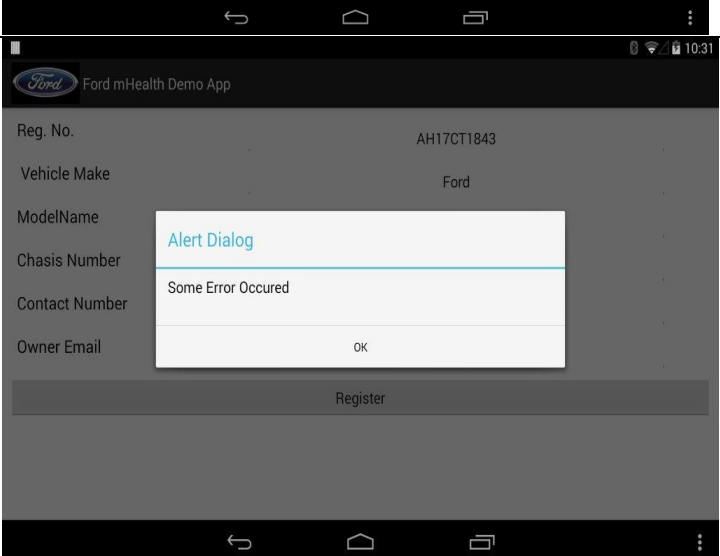
Internet connectivity is needed on the device

Test Steps

#	Description	Expected Outcome
TC5.01	Select the FordmHealthDemo App by tapping on it.	Screen will display asking for IP Address and Port Number
TC5.02	Enter the wrong IP Address and Port Number and Click on the "Submit" button.	Registration screen will display.
TC5.03	Enter the required registration details. Click on Register button to register.	Error message will display.

Actual Outcome

TC5.01	Screen will display asking for IP Address and Port Number
TC5.01	Registration screen will display.
TC5.03	Error Message displayed.

Results			
#	Date Run	Run By	Results
TC5.01	11-Dec - 14	Vishal Garg	
TC5.02	11-Dec - 14	Vishal Garg	
TC5.03	11-Dec - 14	Vishal Garg	

Test Case Name
Selection of a correct trace file by default or by selecting a drive trace file.

Test Case ID	TC6	Created By	Manu Jaggi
Functional Description	Select a trace file from file selector or use a default file.		16-Dec -14

Requirements Covered
Select a trace file that already exists in your local storage of device.

Purpose of test
Testing to select correct file

Input Test Data

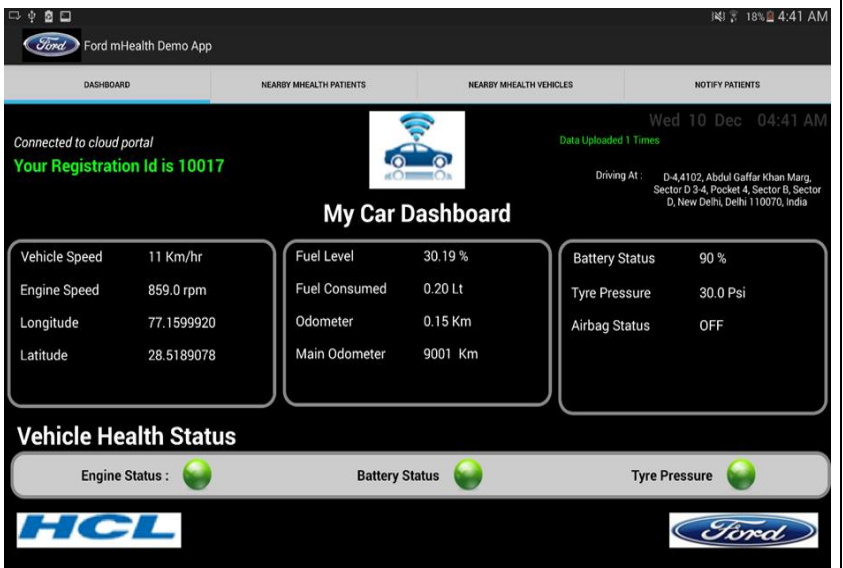
No Input test data required for this operation

Prerequisites

No Internet is required on permission required to read file from local storage of device.

Test Steps		
#	Description	Expected Outcome
TC6.01	Select the "Select Drive Trace file" or "Use default trace file".	Dashboard screen will display with the vehicle id.
Actual Outcome		
TC6.01	Dashboard screen will display with the vehicle id.	

Results			
#	Date Run	Run By	Results

TC6.01	16-Dec - 14	Manu Jaggi	
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Test Case Name

Wrong extension of file being selected as trace file.

Test Case ID

TC7

Functional Description

Select a trace file with wrong extension

Created By

Manu Jaggi

16-Dec -14

Requirements Covered

Testing to add only right extension file .txt

Purpose of test

Testing to block wrong extension file.

Input Test Data

No Input test data required for this operation

Prerequisites

Only permission needed to read file from local storage of device.

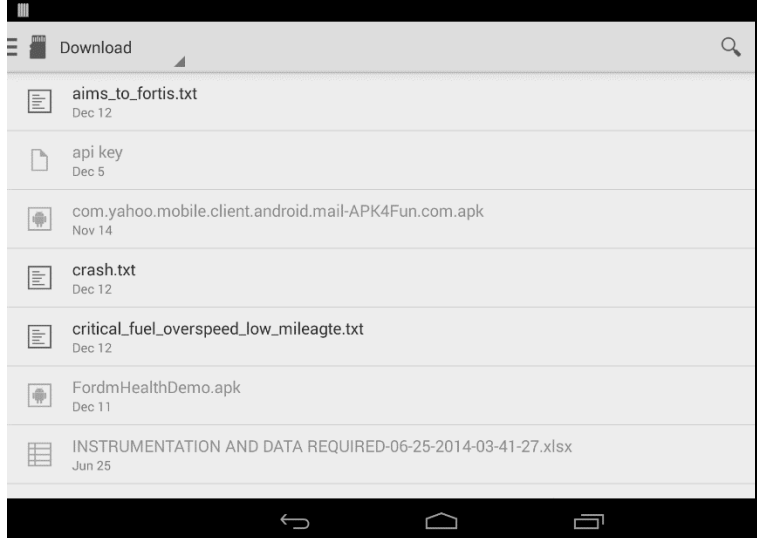
Test Steps

#	Description	Expected Outcome
TC7.01	Select the "Select Drive Trace file" and try to select the wrong extension file	It will display the wrong extension file but that file will not be selectable.

Actual Outcome

TC7.01	Show the wrong extension file but it can't be selected.
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Results**Results**

#	Date Run	Run By	Results
TC7.02	16-Dec - 14	Manu Jaggi	

Test Case Name

File with wrong json data file being selected as a trace file.
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Test Case ID	TC8	Created By	Manu Jaggi
Functional Description	Chosen a file with wrong format json data		16-Dec -14

Requirements Covered

Checking of right file selection

Purpose of test

To test that right trace file is selected for the application

Input Test Data

No Input test data required for this operation
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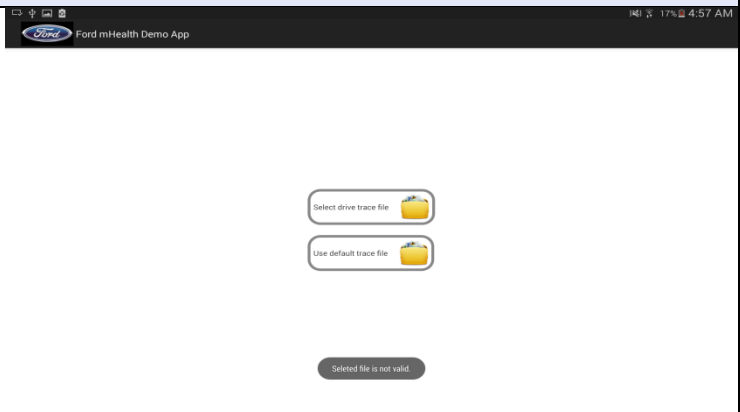
Prerequisites

Need permission to read file from local storage of android device

Test Steps

#	Description	Expected Outcome
TC8.01	Select any .txt extension file that is having no data or wrong formatted json data.	It will show an error for wrong data
Actual Outcome		
TC8.01	Show the error for wrong data "Selected file is not valid"	

Results

Results			
#	Date Run	Run By	Results
TC8.02	16-Dec - 14	Manu Jaggi	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, there's a status bar with the Ford logo and 'Ford mHealth Demo App'. Below that, there are two buttons: 'Select drive trace file' and 'Use default trace file'. At the bottom, there's a message box that says 'Selected file is not valid'.</p>

2. Offline Feature Test Cases

Test Case Name			
Upload the Vehicle data to the MOTECH server.			
Test Case ID	TC9	Created By	Vishal Garg
Functional Description	Upload vehicle Id, vehicle speed, latitude, longitude and timestamp.		11- Dec - 2014
Requirements Covered			

Upload vehicle Id, vehicle speed, latitude, longitude, and timestamp.

Purpose of test

In normal connected state, testing the functionality of uploading vehicle Id, vehicle speed, latitude, longitude, and timestamp.

Input Test Data

App will fetch below data programmatically:
 Vehicle Id: Current Vehicle Id
 Vehicle Speed: Current Vehicle Speed from trace file.
 Location (Latitude, Longitude): Current location from trace file.
 Timestamp: Unix Time Stamp

Prerequisites

Fetch vehicle Id, vehicle speed, latitude, longitude, and timestamp data from drive trace file.

Test Steps

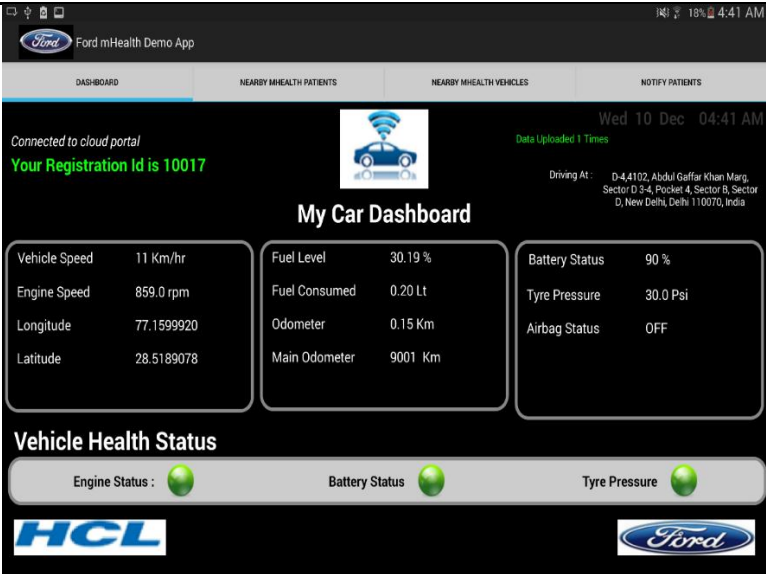
#	Description	Expected Outcome
TC9.01	Run the App after entering valid IP / port no of MOTECH server, and a successful registration.	Data upload counter displayed on top right corner.

Actual Outcome

TC9.01	Uploaded data count is displayed on the right top corner of Dashboard screen, which keeps increasing every 30 sec if device is connected to cloud portal.
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Results

#	Date Run	Run By	Results
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TC9.01	11-Dec - 14	Vishal Garg	
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Test Case Name

Caching in database in offline mode

Test Case ID

TC10

Functional Description

Data insertion using insert method with an offline flag

Created By

Manu Jaggi

11-Dec-2014

Requirements Covered

Data saved in cache when no network is available.

Purpose of test

Testing the functionality to see the data is being saved in local storage, when device is Offline.

Input Test Data

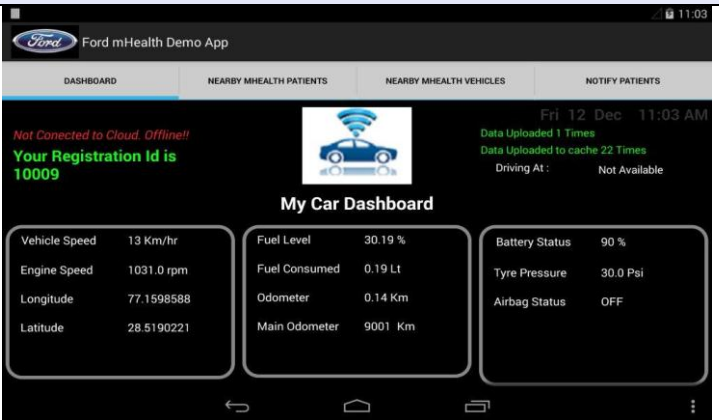
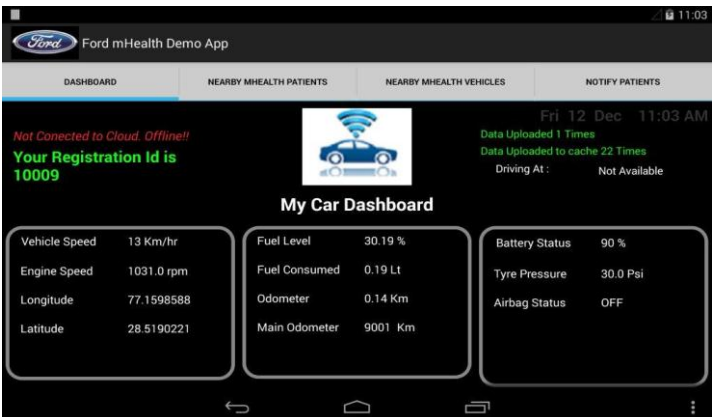
No Manual Input data is required trace file picks up the data internally.

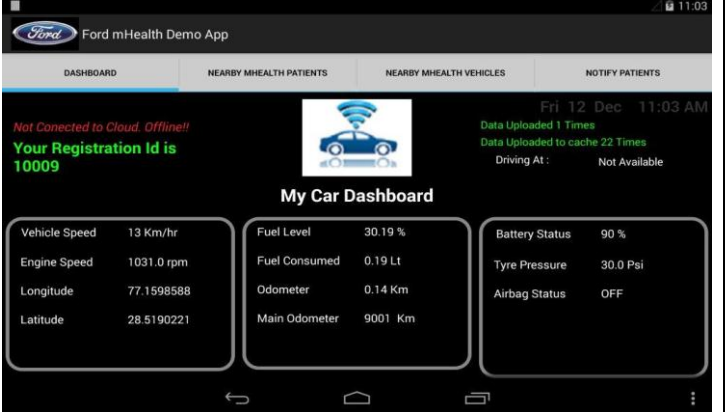
Prerequisites

No Internet Connection should be available to test this functionality.

Test Steps

#	Description	Expected Outcome
TC10.0 1	Normal offline mode where data is inserting in local database	Data inserting in local database
TC10.0 2	Whenever a data packet is stored in local storage counter increased by one.	Counter increased one by one.
TC10.0 3	Current vehicle Location from server is not coming as this is offline so showing 'Not available' in location.	Location text field is showing 'Not Available'
Actual Outcome		
TC10.0 1	Data inserting in local database	
TC10.0 2	Counter Increased one by one.	
TC10.0 3	Location field is showing Not available	
Screen shots at each stage as captured below -		

Results			
#	Date Run	Run By	Results
TC10.0 1	11-Dec - 14	Manu Jaggi	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, it says 'Ford mHealth Demo App'. Below the navigation bar, there's a status message: 'Not Connected to Cloud. Offline!!'. The 'Your Registration Id is 10009' is displayed in green. The 'My Car Dashboard' section shows various vehicle metrics: Vehicle Speed (13 Km/hr), Engine Speed (1031.0 rpm), Longitude (77.1598588), Latitude (28.5190221), Fuel Level (30.19 %), Fuel Consumed (0.19 Lt), Odometer (0.14 Km), Main Odometer (9001 Km), Battery Status (90 %), Tyre Pressure (30.0 Psi), and Airbag Status (OFF). The top right corner shows the date and time: 'Fri 12 Dec 11:03 AM'.</p>
TC10.0 2	11-Dec - 14	Manu Jaggi	 <p>This screenshot is identical to the one above, showing the Ford mHealth Demo App interface with the same offline status, registration ID, and vehicle dashboard data.</p>

TC10.0 3	11-Dec - 14	Manu Jaggi	
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Test Case Name

Sync up with MOTECH server on packets put in cache, when network is available again

Test Case ID	TC11	Created By	Manu Jaggi
Functional Description	Whenever the service get network after offline mode		11-Dec -14

Requirements Covered

Data uploading on cloud server whenever application gets a connection.

Purpose of test

Test offline mode when network is reconnected after being offline.

Input Test Data

No Manual Input data is required trace file picks up the data internally.

Prerequisites

Internet connectivity is required to access the cloud server.

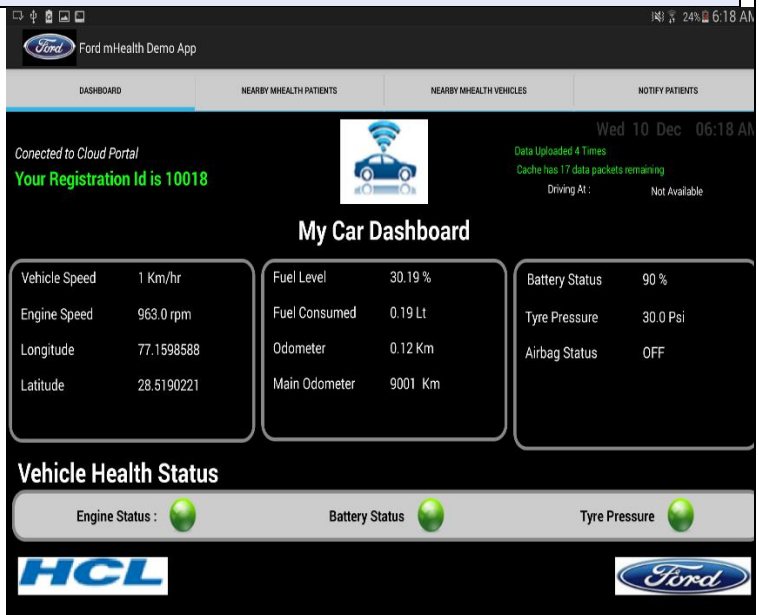
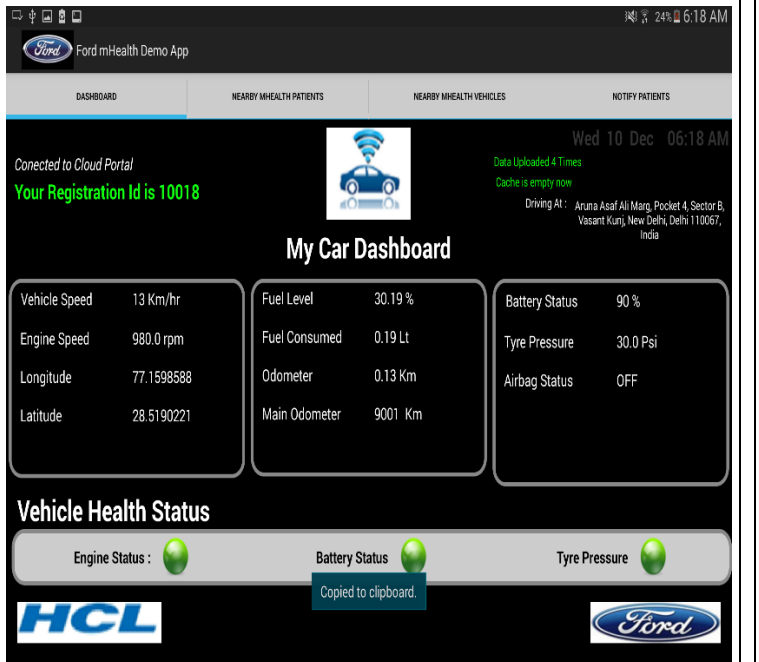
Test Steps

#	Description	Expected Outcome
TC11.0 1	Cache data is being uploaded to cloud server	Cache data is now uploading on cloud server and counter number displayed on screen will decrease one by one.
TC11.0 2	Location is now coming from cloud server and Location field shows the location	Location shows in the location field.

Actual Outcome

TC11.01	Cache data is now uploading on cloud server and counter number displayed on screen will decrease one by one.
TC11.02	Location shows in the location field.

Results

#	Date Run	Run By	Results
TC11.01	11-Dec - 14	Manu Jaggi	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, it says 'Connected to Cloud Portal' and 'Your Registration Id is 10018'. The 'My Car Dashboard' section displays various metrics: Vehicle Speed (1 Km/hr), Engine Speed (963.0 rpm), Longitude (77.1598588), Latitude (28.5190221), Fuel Level (30.19 %), Fuel Consumed (0.19 Lt), Odometer (0.12 Km), Main Odometer (9001 Km), Battery Status (90 %), Tyre Pressure (30.0 Psi), and Airbag Status (OFF). The 'Vehicle Health Status' section shows green indicators for Engine Status, Battery Status, and Tyre Pressure. The HCL and Ford logos are visible at the bottom.</p>
TC11.02	11-Dec - 14	Manu Jaggi	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, it says 'Connected to Cloud Portal' and 'Your Registration Id is 10018'. The 'My Car Dashboard' section displays various metrics: Vehicle Speed (13 Km/hr), Engine Speed (980.0 rpm), Longitude (77.1598588), Latitude (28.5190221), Fuel Level (30.19 %), Fuel Consumed (0.19 Lt), Odometer (0.13 Km), Main Odometer (9001 Km), Battery Status (90 %), Tyre Pressure (30.0 Psi), and Airbag Status (OFF). The 'Vehicle Health Status' section shows green indicators for Engine Status, Battery Status, and Tyre Pressure. A 'Copied to clipboard' message is visible below the Tyre Pressure indicator. The HCL and Ford logos are visible at the bottom.</p>

Test Case Name

Maximum number of data packets in device cache.

**Test Case ID
Functional
Description**

TC12

Maximum data that is stored and uploaded to server from local storage.

Created By

Manu Jaggi

11-Dec -14

Requirements Covered

Maximum data that is fetched from cache.

Purpose of test

To test maximum number of data packets which will be stored in device cache.

Input Test Data

No Manual Input data is required.

Prerequisites

Internet connectivity is required.

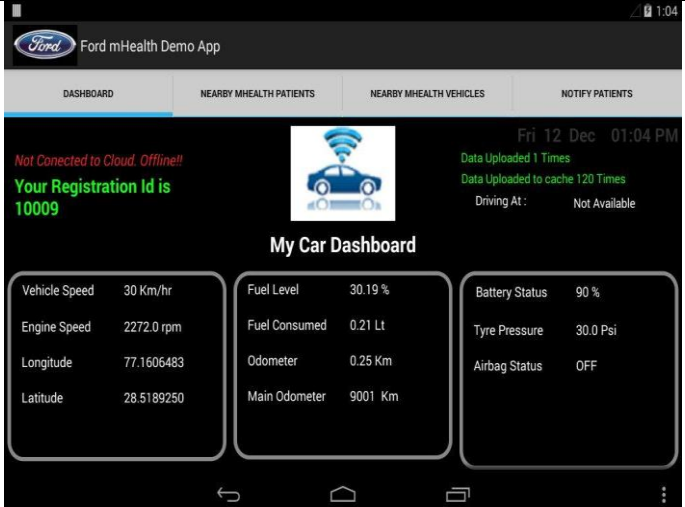
Test Steps

#	Description	Expected Outcome
TC12.0 1	The maximum data packets that is sent on server	Only one hour data means 120 packets can be stored in device cache.

Actual Outcome

TC12.0 1	Only 120 packets are put in device cache. Hence cache counter doesn't increase beyond 120.
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Results

#	Date Run	Run By	Results
TC12.0 1	11-Dec -14	Manu Jaggi	

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3. Nearby mHealth Patients Test Cases

Test Case Name
Current Vehicle showing on Google Map.

Test Case ID	TC13	Created By	Vishal Garg
Functional Description	Current Vehicle showing on Google Map.		11-Dec -14

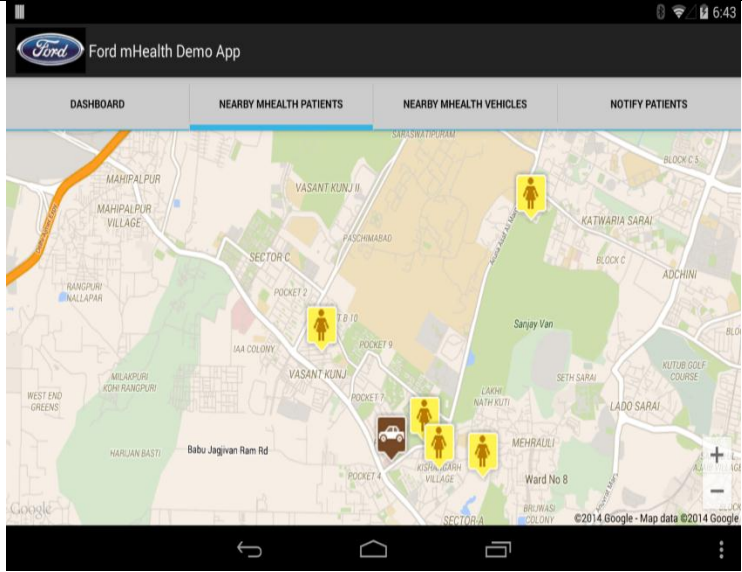
Requirements Covered
Current Vehicle showing on Google Map.

Purpose of test
Testing the location of Current Vehicle on Google Map should be as per the Drive trace file.

Input Test Data
Fetch the latitude and longitude from the drive trace.

Prerequisites
Internet connectivity is needed on the device so that it connects to the Google Map services.

Test Steps		
#	Description	Expected Outcome
TC13.01	Select the "NEARBY MHEALTH PATIENTS" Tab form the Dashboard.	It will display the location of vehicle on google map.
TC13.02	Check the Movement of Current Vehicle showing on Google Map.	Current vehicle will keep moving when longitude and latitude of vehicle change.
Actual Outcome		
TC13.01	Vehicle is displayed on google map.	
TC13.02	Current vehicle is moving when longitude and latitude of vehicle change.	

Results			
#	Date Run	Run By	Results
TC13.01	11-Dec -14	Vishal Garg	

Test Case Name
All nearby patients with current vehicle showing on Google Map.

Test Case ID	TC14	Created By	Vishal Garg
Functional Description	Nearby Patients showing on Google Map.		11-Dec -14

Requirements Covered
Nearby patients showing on Google Map.

Purpose of test
Testing all the patients that are belongs to the same village where Current Vehicle is moving should be displayed on Google Map.

Input Test Data
<ul style="list-style-type: none"> Fetch the latitude and longitude from the drive trace. Fetch the all patient details belong to the same village where vehicle is moving.

Prerequisites

Internet connectivity is needed on the device so that it connects to the Google Map services and MOTECH server.

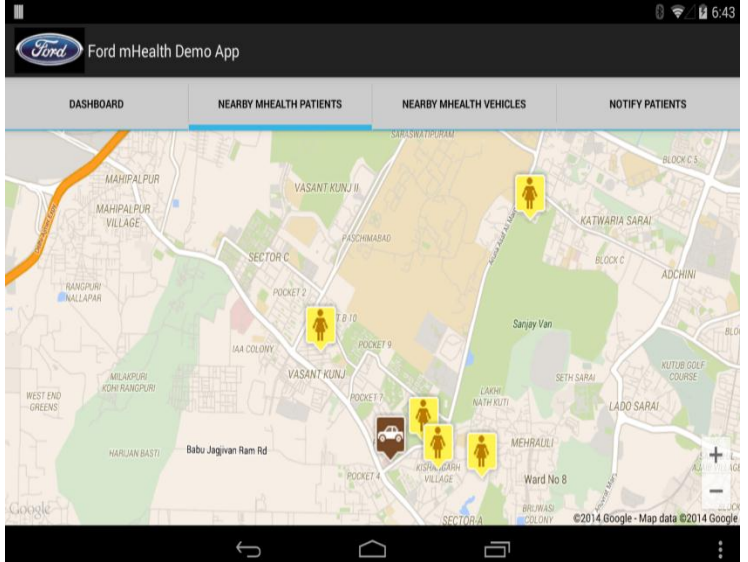
Test Steps

#	Description	Expected Outcome
TC14.01	Select the "NEARBY MHEALTH PATIENTS" Tab from the Dashboard.	It will display location of vehicle on google map.
TC14.02	Check the count of patients on the Google Map.	All nearby patients with current vehicle showing on Google Map.

Actual Outcome

TC14.01	Displayed the location of vehicle on google map.
TC14.02	All nearby patients with current vehicle showing on Google Map.

Results

#	Date Run	Run By	Results
TC14.01	11-Dec - 14	Vishal Garg	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, there's a status bar with the time 6:43 and battery level. Below it, the app title "Ford mHealth Demo App" is displayed. The main menu has four tabs: "DASHBOARD", "NEARBY MHEALTH PATIENTS" (which is selected and highlighted in blue), "NEARBY MHEALTH VEHICLES", and "NOTIFY PATIENTS". The screen displays a Google Map of an area in Gurgaon, India, with several yellow icons representing patient locations. The map includes labels for various locations like Mahipalpur, Vasant Kunj, and Sector C. The bottom of the screen shows the Android navigation bar with back, home, and recent apps buttons.</p>

Test Case Name
Nearby patients with current vehicle showing on Google Map after Adding patient on MOTECH – OpenMRS Database.

Test Case ID	TC15	Created By	Vishal Garg
Functional Description	Adding patient on MOTECH OpenMRS Database and showing on Google Map.		11-Dec -14

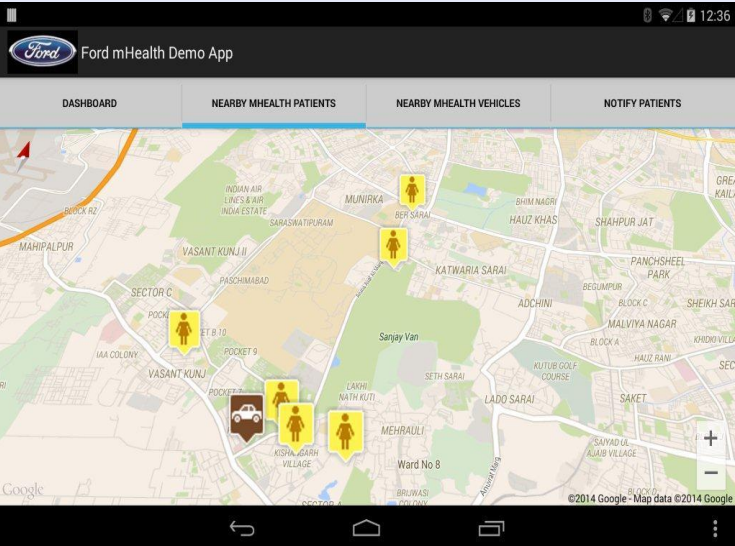
Requirements Covered
Adding patient on MOTECH server and showing on Google Map.

Purpose of test
Test adding the patients on MOTECH server should display on Google Map.

Input Test Data
<ul style="list-style-type: none"> Add the patient on the MOTECH server. Refer doc "Ford mhealth - Steps to Add_Delete patients.docx" Fetch the latitude and longitude from the drive trace. Fetch the all patient details belong to the same village where vehicle is moving.

Prerequisites
Internet connectivity is needed on the device so that it connects to the Google Map services and MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC15.01	Select the "NEARBY MHEALTH PATIENTS" Tab form the Dashboard.	It will display the location of vehicle on google map.
TC15.02	Check the count of patients on the Google Map.	The number of nearby patients for current vehicle showing on Google Map should increase after adding patient on MOTECH OpenMRS database.
Actual Outcome		
TC15.01	Display the location of vehicle on google map.	
TC15.02	After adding patient nearby patients increased on Google Map.	

Results			
#	Date Run	Run By	Results
TC15.01	11-Dec - 14	Vishal Garg	

4. mHealth Vehicle Location Test Cases

Test Case Name
Show all mHealth Vehicles on the map.

Test Case ID	TC16	Created By	Manu Jaggi
Functional Description	Show all registered mHealth vehicles on map with their current location		16-Dec -14

Requirements Covered
Show current location of vehicle with other registered vehicles on map.

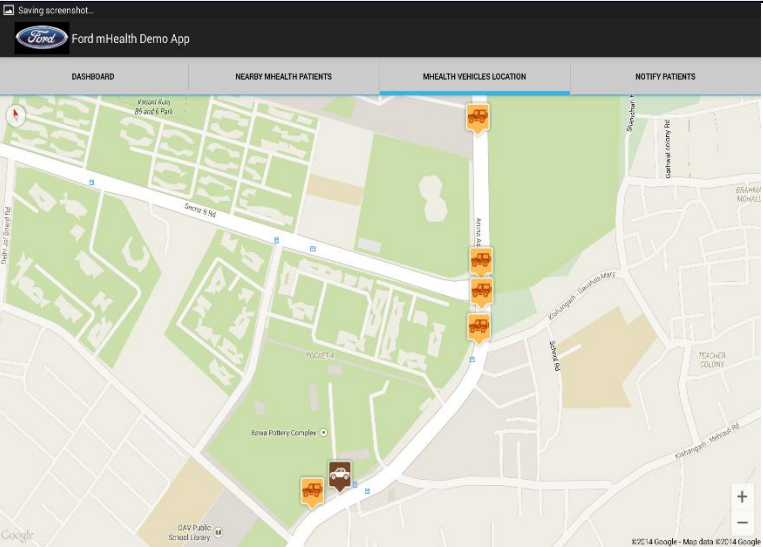
Purpose of test
To test mHealth vehicle displayed on the map

Input Test Data
No Input test data required for this operation

Prerequisites
Internet connectivity is needed on the device so that it connects to the Google Map services and MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC16.01	Select the "MHEALTH VEHICLES LOCATION" Tab form the Dashboard.	It will display the current location of vehicle and nearby vehicles.
Actual Outcome		
TC16.01	Displayed the location of vehicle on google map.	

Results

#	Date Run	Run By	Results
TC16.01	16-Dec - 14	MANU JAGGI	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, there's a header with the Ford logo and 'Ford mHealth Demo App'. Below the header, there are four tabs: 'DASHBOARD', 'NEARBY MHEALTH PATIENTS', 'MHEALTH VEHICLES LOCATION', and 'NOTIFY PATIENTS'. The 'MHEALTH VEHICLES LOCATION' tab is selected, displaying a map of a residential area. On the map, several orange car icons are visible, representing the locations of mHealth vehicles. The map includes street names like 'Sinner's Rd' and 'Riverside Dr', and landmarks like 'Riverside Park' and 'Riverside Public School'. The bottom of the screen shows a Google Maps interface with a zoom in/out button.</p>

Test Case Name

Add/ Register Vehicle shown on the map to show it in list of registered vehicles.

Test Case ID	TC17	Created By	Manu Jaggi
	Functional Description Add/Register vehicle on Application and show location on map.		16-Dec -14

Requirements Covered

Add and register vehicle and show on the map.

Purpose of test

To show the newly registered vehicle on the vehicle screen.

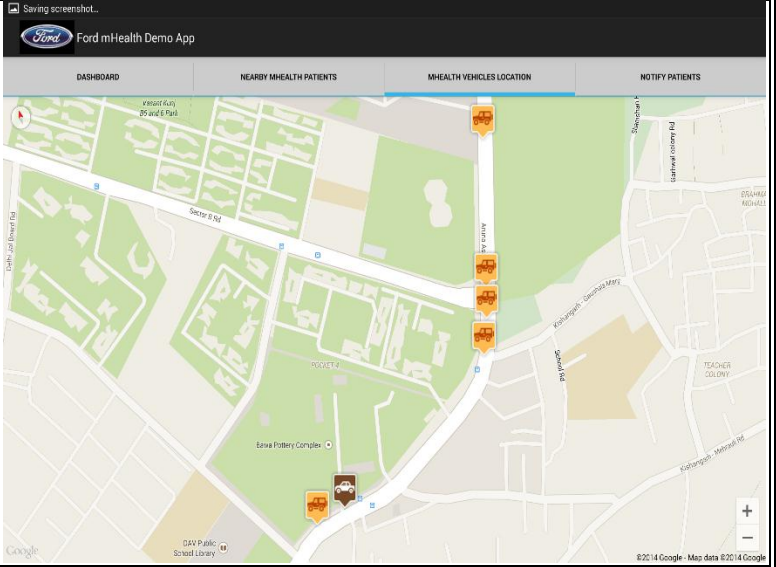
Input Test Data

No Input test data required for this operation

Prerequisites

Internet connectivity is needed on the device.

Test Steps		
#	Description	Expected Outcome
TC17.01	Add or register new vehicle.	Display the current vehicle and also shows the location of recently added vehicle.
Actual Outcome		
TC17.01	Displayed the location of vehicle on google map.	

Results			
#	Date Run	Run By	Results
TC17.01	16-Dec - 14	MANU JAGGI	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, there's a navigation bar with four tabs: DASHBOARD, NEARBY MHEALTH PATIENTS, MHEALTH VEHICLES LOCATION (which is currently selected), and NOTIFY PATIENTS. Below the navigation bar is a Google Map. The map displays several orange car icons representing vehicles, clustered in a specific area. A black car icon is also visible. The map includes street names like 'Sachin Rd' and 'Bharva Pottery Complex'. The bottom of the screen shows the Google logo and map data from 2014.</p>

5. Search Patients & Notify Test Cases

Test Case Name

Retrieving list of patient by postal code.

Test Case ID	TC18	Created By	Shailendra Haldkar
Functional Description	Retrieving List of Patient by postal code.		16-Dec -14

Requirements Covered

Retrieving list of patient from MOTECH server.

Purpose of test

Retrieving list of patient by postal code.

Input Test Data

Enter six digit Postal Code

Prerequisites

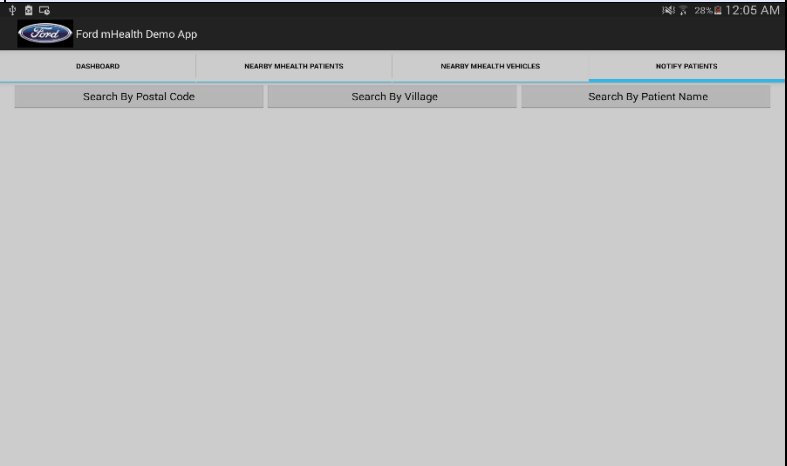
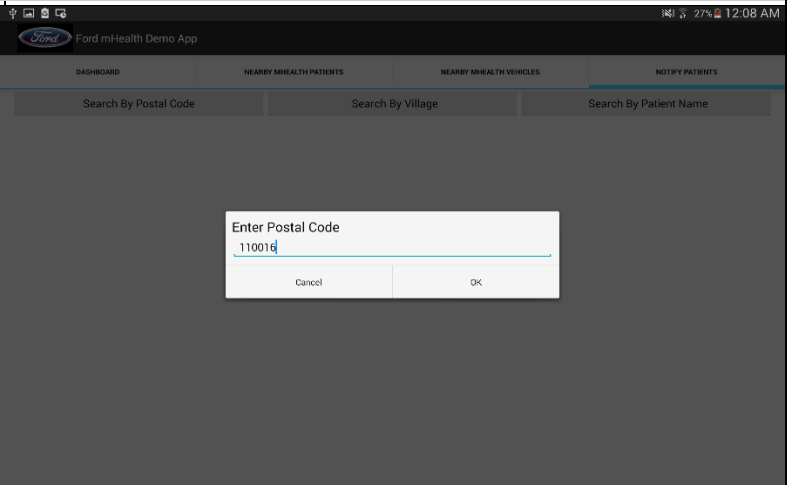
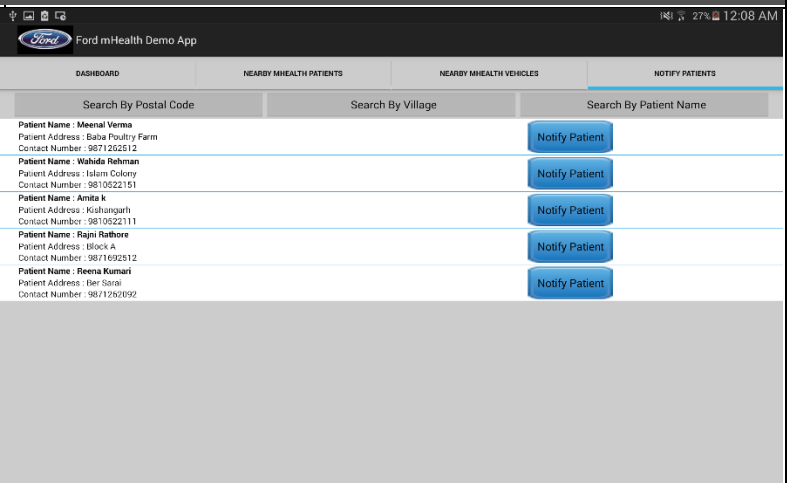
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps

#	Description	Expected Outcome
TC18.01	Select the "NOTIFY PATIENTS" Tab from the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC18.02	Click on "Search By Postal Code" button	It will display Input dialog box to enter Postal Code.
TC18.03	Enter six digit Postal code.	List of patient of given postal code

Actual Outcome

TC18.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab
TC18.02	Displayed Input dialog box to enter Postal Code.
TC18.03	Retrieved list of patient of given postal code with patient details like Patient name, address, and contact number.

Results			
#	Date Run	Run By	Results
TC18.01	16-Dec-14	Shailendra Haldkar	
TC18.02	16-Dec-14	Shailendra Haldkar	
TC18.03	16-Dec-14	Shailendra Haldkar	

Test Case Name	
Retrieving list of patient by postal code.	

Test Case ID	TC19	Created By	Shailendra Haldkar
Functional Description	Retrieving List of Patient by postal code.		16-Dec -14

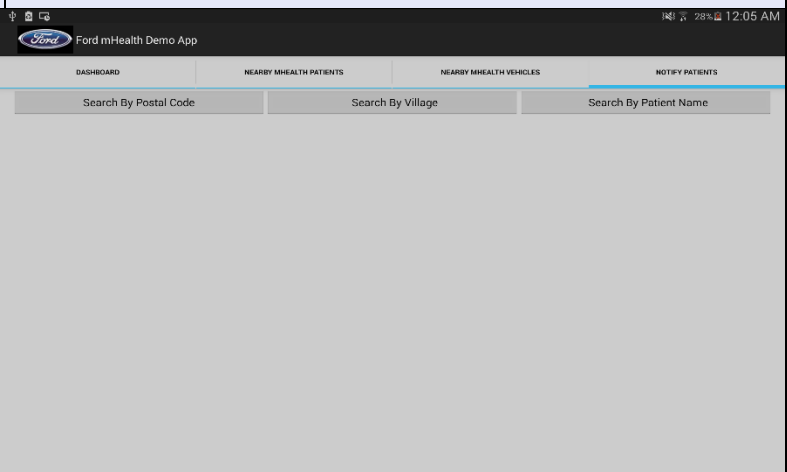
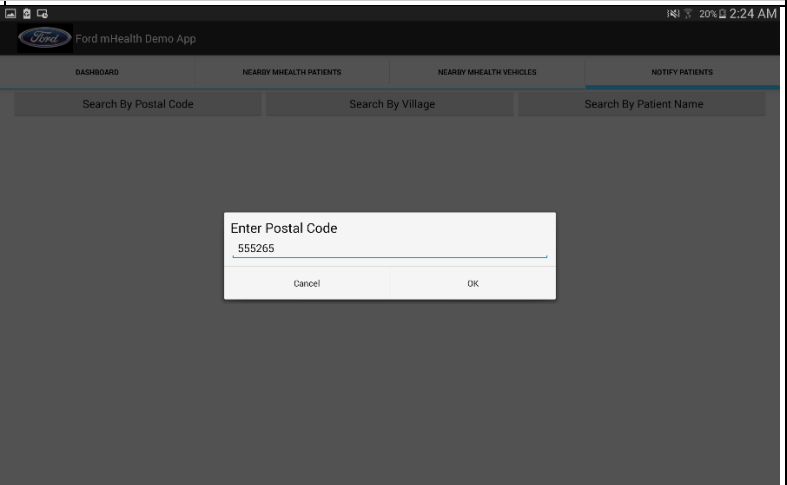
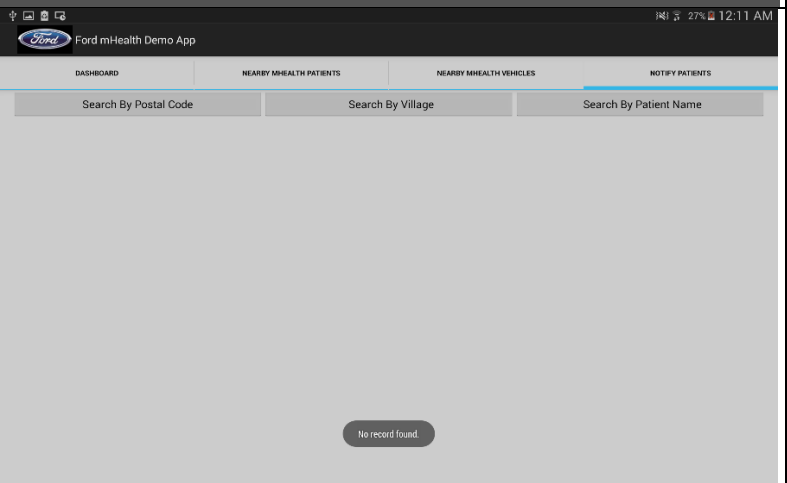
Requirements Covered
Retrieving list of patient from MOTECH server.

Purpose of test
Retrieving list of patient by postal code.

Input Test Data
Enter 6 digit Postal Code

Prerequisites
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC19.01	Select the "NOTIFY PATIENTS" Tab form the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC19.02	Click on "Search By Postal Code" button	It will display Input dialog box to enter Postal Code.
TC19.03	Enter six digit Postal code.(Not present in MOTECH server)	Display toast with "No record found" text.
Actual Outcome		
TC19.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab	
TC19.02	Displayed Input dialog box to enter Postal Code.	
TC19.03	Displayed toast with "No record found" text.	

Results			
#	Date Run	Run By	Results
TC19.01	16-Dec-14	Shailendra Haldkar	
TC19.02	16-Dec-14	Shailendra Haldkar	
TC19.03	16-Dec-14	Shailendra Haldkar	

Test Case Name	
Retrieving list of patient by Village.	

Test Case ID	TC20	Created By	Shailendra Haldkar
Functional Description	Retrieving List of Patient by Village.		16-Dec -14

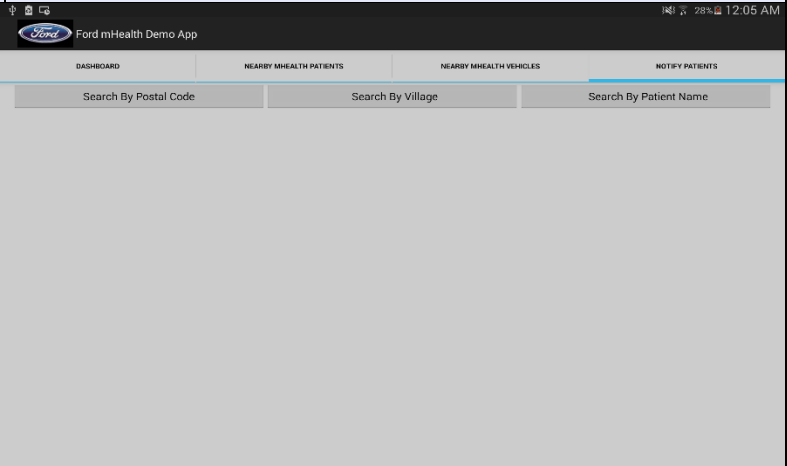
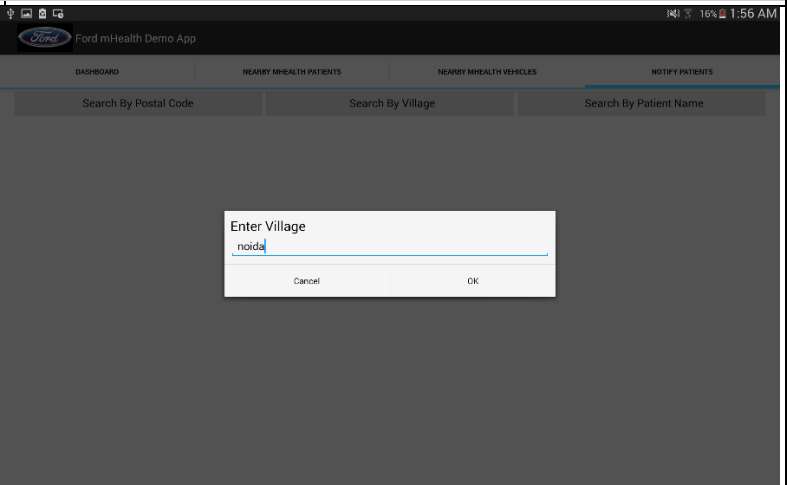
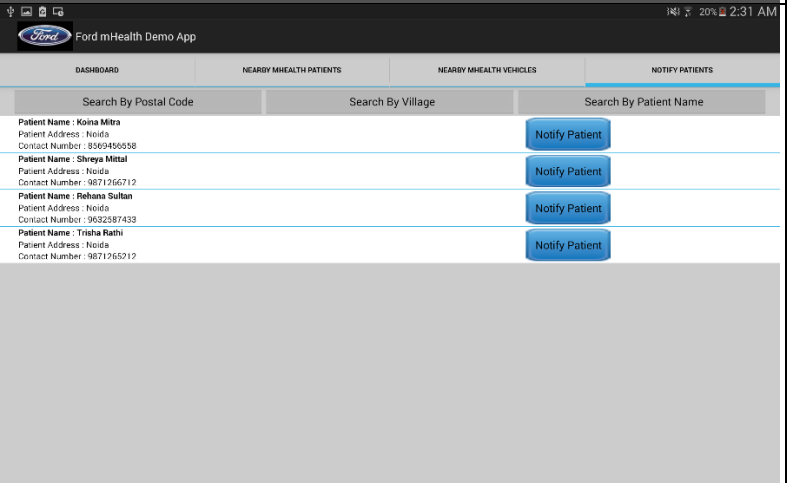
Requirements Covered
Retrieving list of patient from MOTECH server.

Purpose of test
Retrieving list of patient by Village.

Input Test Data
Enter village

Prerequisites
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC20.01	Select the "NOTIFY PATIENTS" Tab form the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC20.02	Click on "Search By Village" button	It will display Input dialog box to enter village.
TC20.03	Enter village name.	List of patient of given village.
Actual Outcome		
TC20.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab	
TC20.02	Displayed Input dialog box to enter village.	
TC20.03	Retrieved list of patient of given village with patient detail like Patient name, address, and contact number.	

Results																							
#	Date Run	Run By	Results																				
TC20.01	16-Dec-14	Shailendra Haldkar																					
TC20.02	16-Dec-14	Shailendra Haldkar																					
TC20.03	16-Dec-14	Shailendra Haldkar	 <table border="1"> <thead> <tr> <th>Patient Name</th> <th>Patient Address</th> <th>Contact Number</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>Koisa Mitra</td> <td>Noida</td> <td>8569456558</td> <td>Notify Patient</td> </tr> <tr> <td>Shreyas Mittal</td> <td>Noida</td> <td>9871266712</td> <td>Notify Patient</td> </tr> <tr> <td>Rehana Sultan</td> <td>Noida</td> <td>9632587433</td> <td>Notify Patient</td> </tr> <tr> <td>Trisha Rathi</td> <td>Noida</td> <td>9871265212</td> <td>Notify Patient</td> </tr> </tbody> </table>	Patient Name	Patient Address	Contact Number	Action	Koisa Mitra	Noida	8569456558	Notify Patient	Shreyas Mittal	Noida	9871266712	Notify Patient	Rehana Sultan	Noida	9632587433	Notify Patient	Trisha Rathi	Noida	9871265212	Notify Patient
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Rehana Sultan	Noida	9632587433	Notify Patient																				
Trisha Rathi	Noida	9871265212	Notify Patient																				

Test Case Name	
Retrieving list of patient by Village.	

Test Case ID	TC21	Created By	Shailendra Haldkar
Functional Description	Retrieving List of Patient by Village.		16-Dec -14

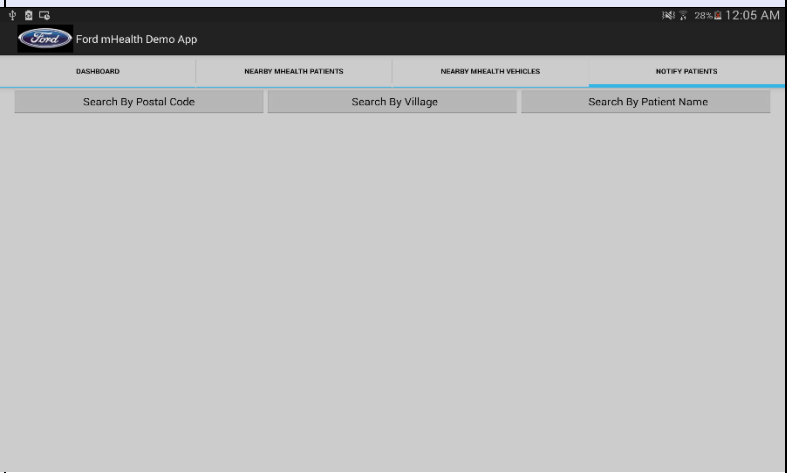
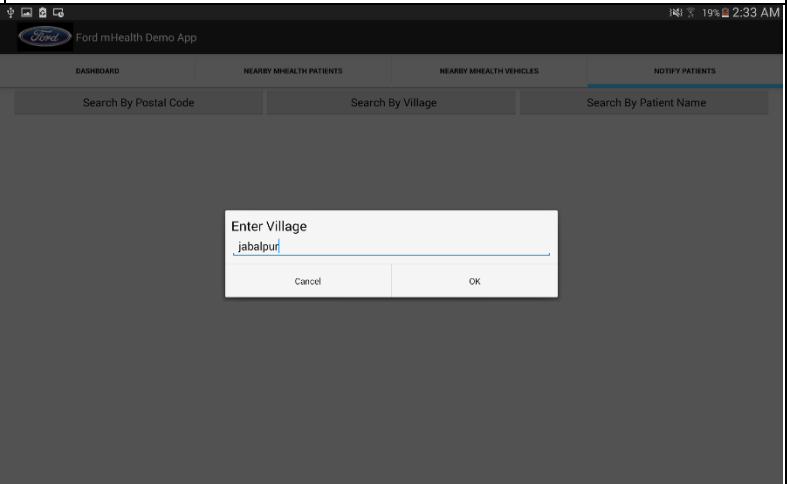
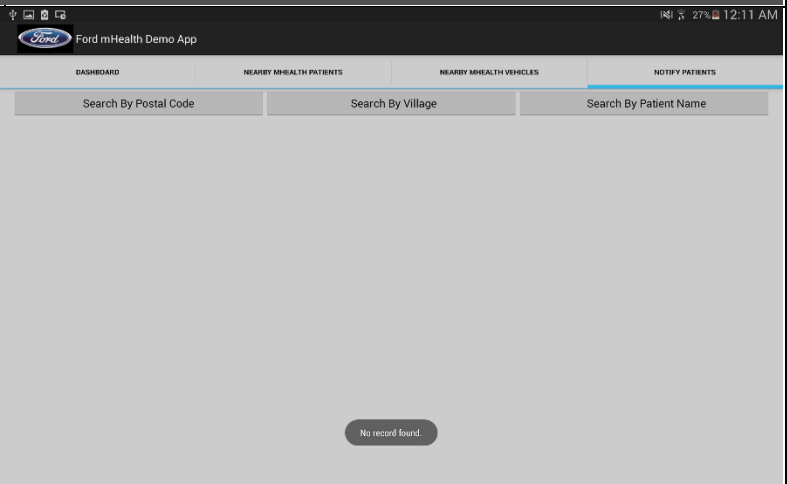
Requirements Covered
Retrieving list of patient from MOTECH server.

Purpose of test
Retrieving list of patient by Village.

Input Test Data
Enter village

Prerequisites
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC21.01	Select the "NOTIFY PATIENTS" Tab form the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC21.02	Click on "Search By Village" button	It will display Input dialog box to enter village.
TC21.03	Enter village name.(Not present in MOTECH server)	Display toast with "No record found" text.
Actual Outcome		
TC21.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab	
TC21.02	Displayed Input dialog box to enter village.	
TC21.03	Displayed toast with "No record found" text.	

Results			
#	Date Run	Run By	Results
TC21.01	16-Dec-14	Shailendra Haldkar	
TC21.02	16-Dec-14	Shailendra Haldkar	
TC21.03	16-Dec-14	Shailendra Haldkar	

Test Case Name	
Retrieving list of patient by Patient Name.	

Test Case ID	TC22	Created By	Shailendra Haldkar
Functional Description	Retrieving List of by patient name.		16-Dec -14

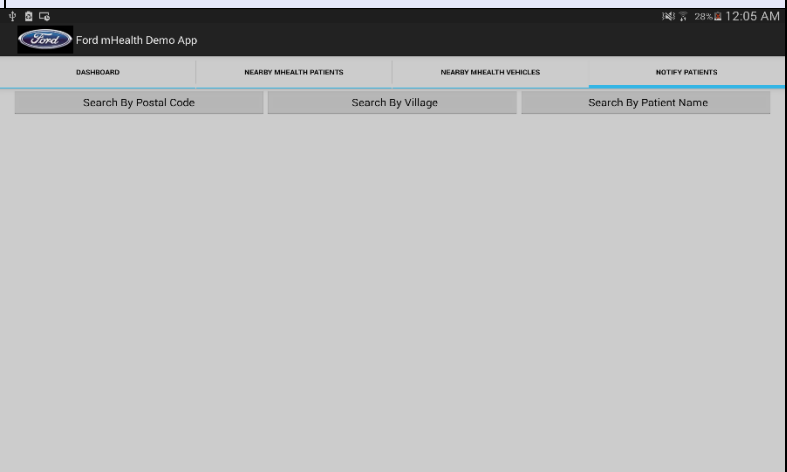
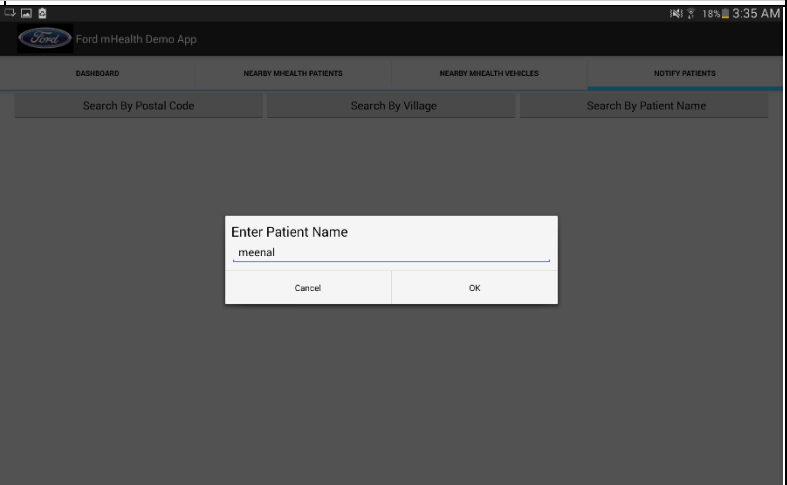
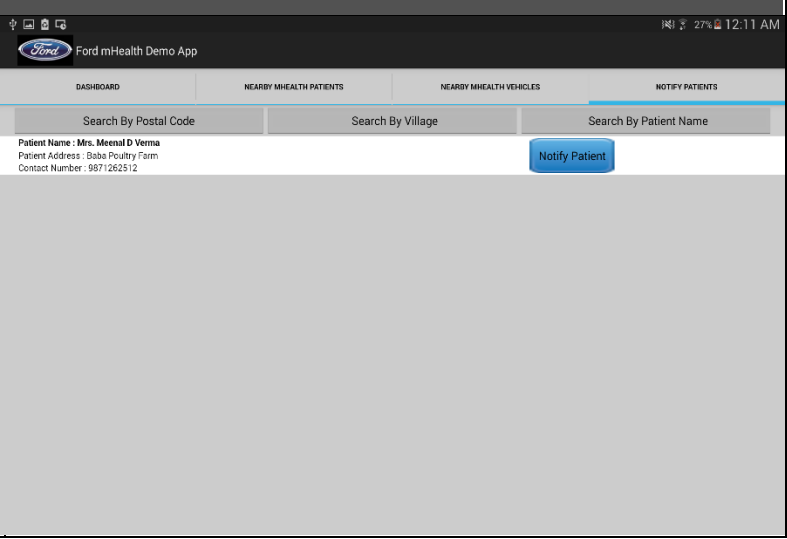
Requirements Covered
Retrieving list of patient from MOTECH server.

Purpose of test
Retrieving list of patient by patient name.

Input Test Data
Enter village

Prerequisites
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC22.01	Select the "NOTIFY PATIENTS" Tab form the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC22.02	Click on "Search By Patient Name" button	It will display Input dialog box to enter patient name.
TC22.03	Enter patient name.	List of patient of given patient name.
Actual Outcome		
TC22.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab	
TC22.02	Displayed Input dialog box to enter patient name.	
TC22.03	Retrieved list of patient of given village with patient detail like Patient name, address, and contact number.	

Results			
#	Date Run	Run By	Results
TC22.01	16-Dec-14	Shailendra Haldkar	
TC22.02	16-Dec-14	Shailendra Haldkar	
TC22.03	16-Dec-14	Shailendra Haldkar	

Test Case Name	
Retrieving list of patient by patient name.	

Test Case ID	TC23	Created By	Shailendra Haldkar
Functional Description	Retrieving List of Patient by patient name.		16-Dec -14

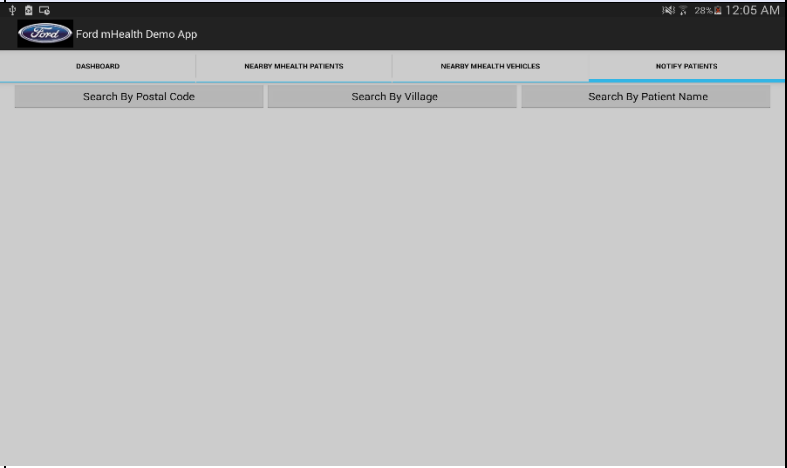
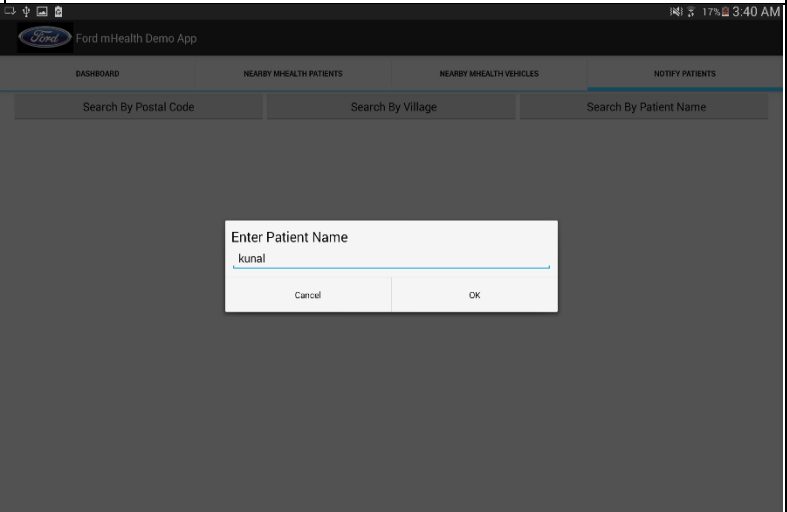
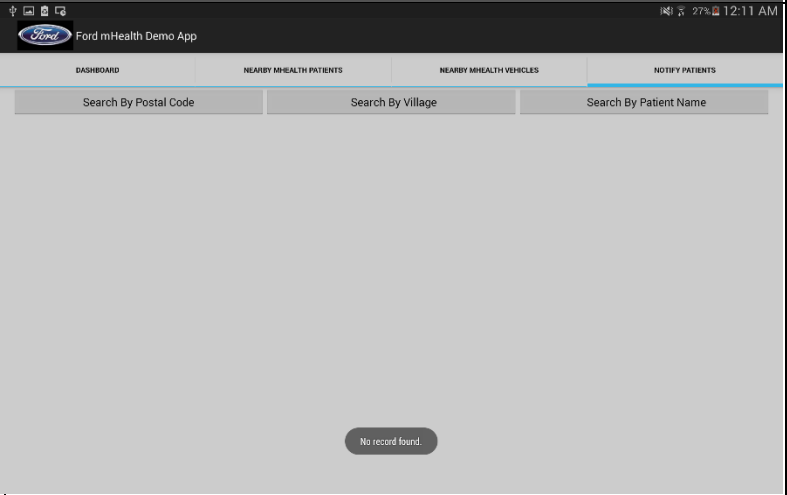
Requirements Covered
Retrieving list of patient from MOTECH server.

Purpose of test
Retrieving list of patient by Village.

Input Test Data
Enter village

Prerequisites
Internet connectivity is needed on the device so that it connects to the MOTECH server.

Test Steps		
#	Description	Expected Outcome
TC23.01	Select the "NOTIFY PATIENTS" Tab form the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC23.02	Click on "Search By Patient Name" button	It will display Input dialog box to enter patient name.
TC23.03	Enter patient name.(Not present in MOTECH server)	Display toast with "No record found" text.
Actual Outcome		
TC23.01	Search By Postal Code, Search By Village and Search By Patient Name button appeared when clicked on "NOTIFY PATIENTS" tab	
TC23.02	Displayed Input dialog box to enter village.	
TC23.03	Displayed toast with "No record found" text.	

Results			
#	Date Run	Run By	Results
TC23.01	16-Dec-14	Shailendra Haldkar	
TC23.02	16-Dec-14	Shailendra Haldkar	
TC23.03	16-Dec-14	Shailendra Haldkar	

Test Case Name

Send notification message to patient.

Test Case ID

TC24

Created By

Shailendra Haldkar

Functional Description

Send notification message to the selected patient.

16-Dec -14

Requirements Covered

Notify patient by sending message.

Purpose of test

Notify patient by sending message.

Input Test Data

Select patient and type notification message.

Prerequisites

Internet connectivity is needed on the device so that it connects to the MOTECH server.
SIM Card which is capable to send message.

Test Steps

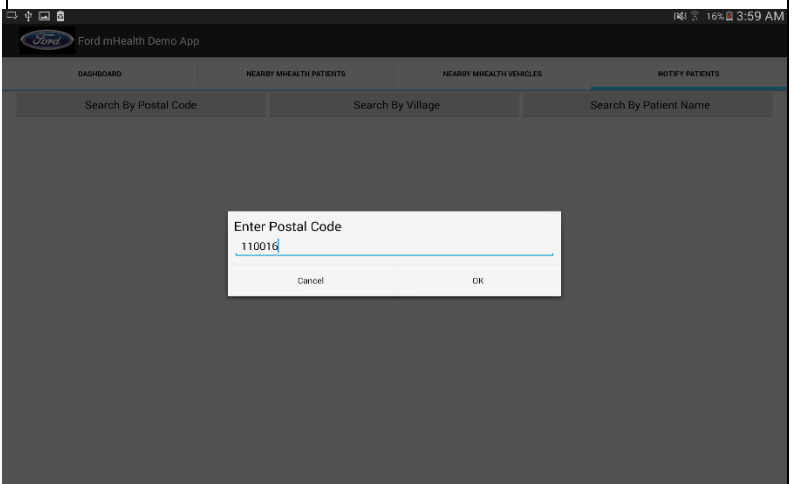
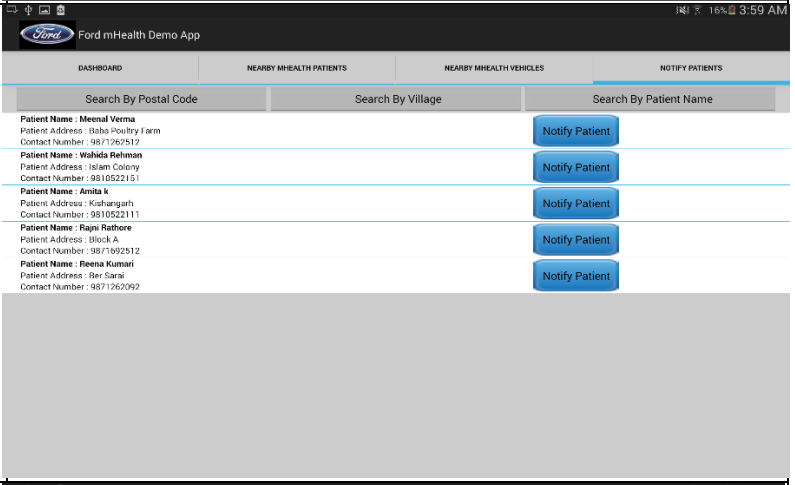
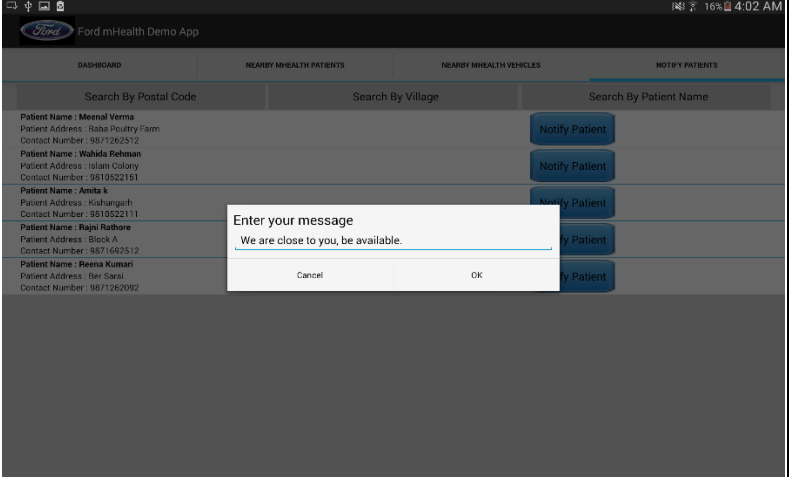
#	Description	Expected Outcome
TC24.01	Select the "NOTIFY PATIENTS" Tab from the Dashboard.	It will display three button: 1. Search By Postal Code 2. Search By Village 3. Search By Patient Name
TC24.02	Click on any one button (Search By Postal Code, Search By Village, and Search By Patient Name), fill the input value.	It will show list of patient with match values.
TC24.03	Select any one patient and click on "Notify Patient" button.	It will display message dialog box with default text.
TC24.04	Click on "OK" button.	A message will be send to patient contact number and dialog box will disappear.

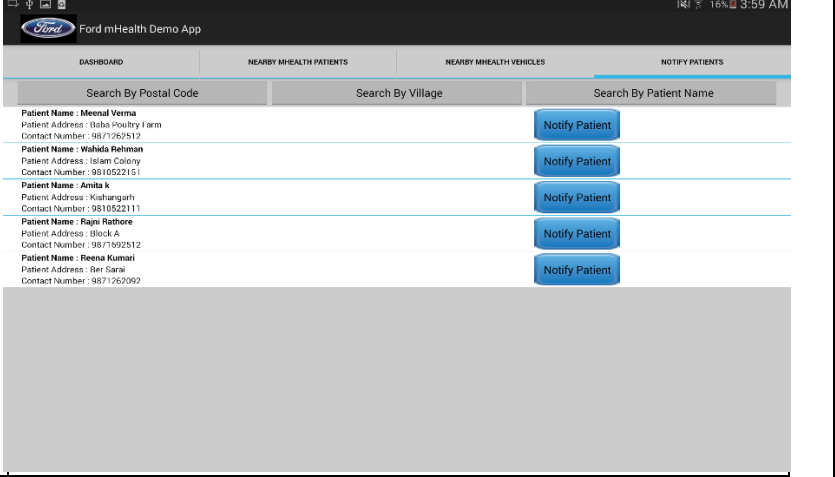
Actual Outcome

TC24.01	Search By Postal Code, Search By Village and Search By Patient Name buttons are appeared when clicked on "NOTIFY PATIENTS" tab
TC24.02	Displayed List of patient.
TC24.03	Displayed message dialog box with default text.
TC24.03	Message sent to select patient contact number.

Results

Ford Project – Unit Test Cases

#	Date Run	Run By	Results
TC24.01	16-Dec-14	Shailendra Haldkar	
TC24.02	16-Dec-14	Shailendra Haldkar	
TC24.03	16-Dec-14	Shailendra Haldkar	

<p>TC24.04</p>	<p>16-Dec-14</p>	<p>Shailendra Haldkar</p>	 <p>The screenshot shows the Ford mHealth Demo App interface. At the top, there's a header with the Ford logo and the text 'Ford mHealth Demo App'. Below the header, there are four tabs: 'DASHBOARD', 'NEARBY MHEALTH PATIENTS', 'NEARBY MHEALTH VEHICLES', and 'NOTIFY PATIENTS'. The 'NOTIFY PATIENTS' tab is selected. Below the tabs, there are three search filters: 'Search By Postal Code', 'Search By Village', and 'Search By Patient Name'. The 'Search By Patient Name' filter is selected. Below the filters, there is a list of patients with their names, addresses, and contact numbers. Each patient entry has a 'Notify Patient' button next to it. The patients listed are: Meenal Verma, Wahida Rehman, Amita K, Rajni Rathore, and Reena Kumari. The interface is displayed on a mobile device screen with a status bar at the top showing the time as 3:59 AM and battery level at 16%.</p>
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