

TEST REPORT		
Test description	Success	Comment
<b>MANUAL TESTS</b>		
<b>Wake lock test</b>		
Start recording of a new route and a separate timer, wait until phone locks, wait for 30 seconds, unlock phone, make sure time matches the timer.	TRUE	
<b>Incoming call tests</b>		
Start recording of a new route, make an incoming call, answer and hang up, go back to application, make sure route is still being recorded.	TRUE	
Record a new route with a checkpoint which has a music track selected to play, use that route so that the checkpoint is triggered and music starts playing, place an incoming phone call, make sure the music stops when the call comes in, hang up, make sure the music starts playing again.	TRUE	
<b>AUTOMATED TESTS</b>		
<b>UNIT TESTS</b>		
<b>Media selector test (se.team05.test.activity.MediaSelectorTest.java)</b>		
<i>testUIElements()</i>		
Tests UI elements such as check button and "done" menu button.	TRUE	
<b>Track test (se.team05.test.content.TrackTest.java)</b>		
<i>testGetters()</i>		
Tests the the getters of the Track class	TRUE	
<i>testParcelableCreation</i>		
Tests the parcelable creation of the Track class	TRUE	
<b>Media service test (se.team05.test.service.MediaService.java)</b>		
<i>testStartable()</i>		
Makes sure that the service can be started when it has all it needs to start.	TRUE	
<i>testBindable()</i>		
Tests binding to the service	TRUE	
<b>Database handler test (se.team05.test.data.TestDatabaseHandler.java)</b>		
<i>testSaveDeleteRoute()</i>		
Testing to save and get a route. Also tries to delete the route and confirm that it is deleted.	TRUE	
<i>testGetAllRoutes()</i>		
Saving several entries and trying to retrieve them as a list.	TRUE	
<b>UI TESTS</b>		
<b>Media selector UI test (se.team05.test.ui.MediaSelectorUITest.java)</b>		
<i>testMediaSelectorList()</i>		
Tests the list in the media selector and makes sure that items are selectable		
<i>testMediaSelectorListSort()</i>		
Tests the sorting functionality of the list to make sure it is sorted correctly	TRUE	
<b>Use a route UI test (se.team05.test.ui.UseRouteTest.java)</b>		
<i>testUseRouteIfNonExisting()</i>		
Tests the navigation when trying to use a route if no routes are previously saved	TRUE	
<i>testUseExistingRoute()</i>		
Sets up a mock route and tries to use it by sending in mock geo points. Will also test the triggering and startup of the music service when a checkpoint is reached.	TRUE	
<b>Show Results Activity Test (se.team05.test.ui.ShowResultsActivityTest.java)</b>		
<i>testListExistingResultsActivity()</i>		
Tests the Home button in the Action bar of ListExistingResultsActivity().	TRUE	
<i>testShowingAndDeletingResults()</i>		
Sets up two mock results and on the same time test setters and getters in Result.java. Will first try to show one of the results by clicking it in the list of the ListExistingResultsActivity(). Then tries to delete the result using the Delete button in ShowResultsActivity(). Will then test the Home button in the Action bar in ShowResultsActivity().	TRUE	
<b>Settings Activity Test (se.team05.test.ui.SettingsActivityTest.java)</b>		
<i>testIllegalSettings()</i>		
Tests that activity does not allow bad values (e.g. text in box that expects integers)	TRUE	
<i>testChangeSettingsWithoutSave()</i>		
Tests that any changes made without pressing the save button will not be saved	TRUE	

<i>testSettingsActivitySendDataToSettings()</i>		
Tests that any valid values put in any of the text boxes or radio buttons is saved properly in the Shared Preferences in the settings.java class and that these values will show up in the SettingsActivity to reflect changes.	TRUE	
<b>Add CheckPoint Test (se.team05.test.ui.AddCheckPointUITest.java)</b>		
<i>testShowAndCancelDialog()</i>		
Tests if the dialog pops up when click on map and that cancel button removes it. Tests if the back button works when the dialog is shown.	TRUE	
<i>testSaveAndDeleteCheckPoint()</i>		
Tests to change all the fields in the dialog and save them in the checkpoint. Tests if the fields change on rotation. Tests if the delete button deletes the checkpoint.	TRUE	
<b>Main Activity Test (se.team05.test.ui.MainActivityTest.java)</b>		
<i>testPreConditions()</i>		
Checks the environment to make sure all resources necessary for testing are actually loaded. A valid environment is required for other test-methods to pass.	TRUE	
<i>testNewRouteButton()</i>		
Makes sure the new route button behaves as expected	TRUE	
<i>testUseExistingButton()</i>		
Makes sure the use existing route button behaves as expected	TRUE	
<i>testSettingsButton()</i>		
Makes sure that the button leading to settings behaves as expected	TRUE	
<b>Add Route Test (se.team05.test.ui.AddRouteTest.java)</b>		
<i>testAddRoute()</i>		
Testing by adding a new route and checking if it appears in the list of existing routes.	TRUE	
<i>testAddRouteAndDiscard()</i>		
Tests if it is possible to enter the add route screen and go back. Then tests to make sure a warning is displayed if the route has been started when the user presses back. Then stops the recording of the route, discards it and goes back to main.	TRUE	
<i>testAddRouteAndLaunchSettings()</i>		
Tests if it is possible to enter the settings from the add route screen. Then proceeds to testing if a warning is displayed if the users tries to enter the settings after the route has been started. Finally stops the recording and makes sure the settings can be entered.	TRUE	