

Milestones

Milestone #	Description	Note	Deliverables and Tests *	Delivery Date	% of total payment
1	Current Location: Getting accurate position of the device using best position between WiFi, Cell-Tower, GPS	<p>If a 3rd party platform is used to get best position, it must be done with a free service</p> <p>Must work as described in step 28.</p>	<p>The current location must be acquired even if only 1 of the 3 technology is available in sufficient quantity. (Wifi, Cell-Tower, GPS)</p> <p>From a cold start, a 30m precision must be acquired in less than 45s</p> <p>A precision of less than 10m should be acquired in most case (90% of time and up)</p> <p>The current location must be refreshed on the screen in real time or at least every 3 seconds (see Step 28).</p> <p>The demo must have similar performance as google map app for current location.</p>		10%
	Tracking a route: Tracking must be done in continuous mode for an unlimited amount of time.	<p>Must work as described in step 37 to 45.</p>	<p>Tracking will be tested for at least 5 hours for an unlimited distance: Track will be displayed on the screen in real time as it is being recorded. Application must not crash and must have similar performance as Google My Track app or Runtastic app</p>		
	Drawing a route	<p>Must work as described in step 46-47, 49-51</p>	<p>It should be possible to draw and edit routes of at least 1000 points.</p> <p>The demo must have similar performance as Google Map Maker for drawing a route</p>		
	Adding a new Fixed Location Entry	<p>Must work as described in step 32, 32.1 , 34, 36</p>	<p>Must have similar performance as app: Collector for ArcGIS, for fixed location entries</p>		
2	Clustering / Display elements of Entries on map	<p>Display of Entries and clustering must work as described in step 25-31. This includes info bubble</p>	<p>Clustering will be tested with 5000 routes (of at least 100 points) and 5000 activities at the same time in the server's DB. A DB of routes and fixed points will have to be uploaded by the developer for the test. Display of clusters and Entries must appear within 2 seconds.</p>		30%
	Adding or changing a Category to an Entry	<p>Must work as per step 113-114</p>			
	Selecting a related type to an Entry	<p>Must work as per step 78-79</p>			
	Adding or changing a photo to an Entry	<p>Must work as per step 53 to 57</p>			

	Adding a Name and Description to an Entry	Must work as per step 58-59	Values in Table 1 of 'Description Database' document will be modified to demonstrate that the all entered field appear when they should and interact as per the 'Description organisation chart' document		
	Adding Types to an Entry	Must work as per step 60, 64, 65			
	Adding a Style to an Entry	Must work as per step 66 to 69			
	Adding a difficulty to an activity or route entry	Must work as per step 70-71			
	Adding Characteristics to an Entry	Must work as per step 72-75			
	Accept button fill info page	Must work as per step 77			
	Navigation Drawer	Must work as per step 76			
	Activity View-info tab display elements	Must work as per steps 83, 85 to 90			
3	Display elements Activity View-Map Tab	Must work as per step 84, 103			8%
	Tagging Entries to an Entry	Must work as per step 107 to 110			
	Deleting or editing an entry	Must work as per step 91 to 96			
4	Uploading an entry to the server. Server communication work as specified with AWS with NoSQL DB	Must work as per step 97 to 102			20%
5	Centering map around user location or entered location, GPS Check	Must work as described in step 4, 12 to 16			12%
	Filtering Entries on the map	Must work as described in step 19-21			
	Changing map type	Must work as described in step 17-18			
	View Photo of an Entry	Must work as per step 112			

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	User interface		User interface must be as per Photoshop file, including indents, etc. All error message are implemented		
6	Final Testing/debugging/de livery of all files to customer		<p>A demonstration will be done to show that data can be dispatch horizontally on AWS(to increase speed of app and number of operation on server side):</p> <ul style="list-style-type: none">• From 1 to 2 or more servers• From 2 or more servers to 1 server. <p>Final tests will be conducted to show that the app will work as per the following documents:</p> <ul style="list-style-type: none">• 'Description Organisation Chart'• Description Database• Organisation Chart• Project Agreement and Statement of Work <p>An overview of the structure of the DB will be provided</p>	Nov 10 th 2014	20%
Total				100%	

*For each milestones, a Demo apk will be provided to demonstrate the functionalities of the milestone. All files developed for the apk of a particular milestone can be requested by the buyer after a milestone has been paid. The apk will be tested and approved by the buyer before payment.