

MySQL Database Layout

The database contains two tables
Users & their attributes
Locations

Users

ID	User	Color	Tracking?
000001	01	#02FD32	1
000002	02	#113D33	1
000003	03	#1D2E13	0
	⋮		

Positions

ID	X	Y	Z	Timestamp
000001	100	250	50	12:00:00
000001	110	255	55	12:00:30
000001	125	260	60	12:01:10
000002	25	35	90	12:01:10
		⋮		

Query

Current ID's sorted by time added

ID	User	Color	X	Y	Z	Timestamp
000001	01	#02FD32	100	250	50	12:00:00
000001	01	#02FD32	110	255	55	12:00:30
000001	01	#02FD32	125	260	60	12:01:10
000002	02	#113D33	25	35	90	12:01:10
			⋮			