

Webike Database Dictionary

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1 General Description

The database is composed of one table with the user information and 33 tables with information about each one of the IMEI. Additionally, 33 more tables were created; these tables contain the new GPS data collected for each one of the IMEI's. This is the list of all the tables available in the database:

1. users
2. imei352308061274784
3. imei353323057881210
4. imei353323057976994
5. imei353323057837303
6. imei353323057886904
7. imei353323057979519
8. imei353323057849050
9. imei353323057928508
10. imei353323057980657
11. imei353323057851304
12. imei353323057928664
13. imei353323057980665
14. imei353323057854381
15. imei353323057928870
16. imei353323057981473
17. imei353323057856089

18. imei353323057929407
19. imei353323058147710
20. imei353323057856097
21. imei353323057930587
22. imei353323058155432
23. imei353323057857459
24. imei353323057930603
25. imei353323058163014
26. imei353323057857517
27. imei353323057972910
28. imei353323058163410
29. imei353323057860636
30. imei353323057973215
31. imei353323058163469
32. imei353323057860669
33. imei353323057976473
34. imei353323058165233
35. imei352308061274784GPS
36. imei353323057881210GPS
37. imei353323057976994GPS
38. imei353323057837303GPS
39. imei353323057886904GPS
40. imei353323057979519GPS
41. imei353323057849050GPS
42. imei353323057928508GPS
43. imei353323057980657GPS
44. imei353323057851304GPS
45. imei353323057928664GPS

46. imei353323057980665GPS
47. imei353323057854381GPS
48. imei353323057928870GPS
49. imei353323057981473GPS
50. imei353323057856089GPS
51. imei353323057929407GPS
52. imei353323058147710GPS
53. imei353323057856097GPS
54. imei353323057930587GPS
55. imei353323058155432GPS
56. imei353323057857459GPS
57. imei353323057930603GPS
58. imei353323058163014GPS
59. imei353323057857517GPS
60. imei353323057972910GPS
61. imei353323058163410GPS
62. imei353323057860636GPS
63. imei353323057973215GPS
64. imei353323058163469GPS
65. imei353323057860669GPS
66. imei353323057976473GPS
67. imei353323058165233GPS

2 Users table

The user tables has the following structure:

Column	Datatype	Characteristics	Description
imei	varchar(56)	PK, NN	Imei number of every user
name	varchar(256)		First name of the user
passhash	varchar(256)		Password to the webike webpage

3 IMEI tables

The IMEI tables have the following structure:

Column	Datatype	Charac.	Description
Stamp	timestamp	PK, NN	Local time of the record
Class	varchar(256)		Name of the class where logging is saved
CodeVersion	float		Version of the code running on the phone
LatGPS	float		Latitude obtained with GPS
LongGPS	float		Longitude obtained with GPS
LatNetwork	float		Latitude obtained with Network
LaongNetwork	float		Longitude obtained with Network
AcceIX	float		Acceleration in X axis
AcceIY	float		Acceleration in Y axis
AcceIZ	float		Acceleration in Z axis
MagX	float		Magnetic field in X axis
MagY	float		Magnetic field in X axis
MagZ	float		Magnetic field in X axis
GyroX	float		Rotation in X axis
GyroY	float		Rotation in Y axis
GyroZ	float		Rotation in Z axis
AtmosPress	float		Atmospheric pressure
Light	float		Amount of light
GravAccel	float		Gravity acceleration
LinAccelX	float		Linear acceleration in X axis
LinAccelY	float		Linear acceleration in Y axis
LinAccelZ	float		Linear acceleration in Z axis
Steps	int(11)		Number of steps taken by the user
TempBattery	float		Temperature of the battery
TempBox	float		Temperature of the box
BatteryVoltage	float		Votage in the battery
ChargingCurr	float		Charging current
SignMotionTS	varchar(256)		EMPTY: Information if the user is in motion
Proximity	float		Proximity sensor reading
PhoneIPAddr	varchar(256)		IP address of the phone
PhoneBattState	varchar(256)		State of the battery. A:B:C:D*

*: Where A: true if phone is charging, B: true if phone charging on USB mode, C: true if phone charging on AC mode, D: phone battery state of charge fraction between 0 to 1

4 IMEI-GPS tables

Column	Datatype	Charac.	Description
Stamp	timestamp	PK, NN	Local time of the record
LatGPS	float		Latitude obtained with GPS
LongGPS	float		Longitude obtained with GPS
Elevation	float		Elevation of the phone
Accuracy	float		
Bearing	float		Compass direction from current position to destination
Speed	float		Speed of the phone