

Test Reference:

/*

*

* Find a username given their mac address

* **@param** mac The mac address to find a related user from

* **@return** String the username related to the mac, null if nonexistent user or error

*/

Equivalent Classes:

	Valid	Invalid
mac	<ul style="list-style-type: none">1.1 - valid mac address string	<ul style="list-style-type: none">1.a - invalid mac address1.b - empty string1.c - single character1.d - integer type1.e - null

Class Representatives:

Equivalence Class	Representative
1.1	"00-14-22-01-23-45"
1.a	"00-80-C8-E3-4C-B北"
1.b	"
1.c	"b"
1.d	21
1.e	null

Representative Boundaries:

Equiv. Class	Representative	Lower Boundary	Upper Boundary
1.1	"00-14-22-01-23-45"	"00-14-22-01-23-44"	"00-14-22-01-23-46"

1.a	"00-80-C8-E3-4C-B 北"	"00-80-C8-E3-4C-B 典"	"00-80-C8-E3-4C-B 书"
1.b	"	-	"b"
1.c	"b"	"	"bb"
1.d	21	20	22
1.e	null	-	-

Test Cases:

Test ID	uname	mac	team	Eq. Class	Expected Output
t_0				1.1	
t_1				1.a	ERROR
t_2				1.b	ERROR
t_3				1.c	ERROR
t_4				1.d	ERROR
t_5				1.e	ERROR
t_6				1.f	ERROR
t_8				1.a	ERROR
t_9				1.a	ERROR
t_10				1.c	ERROR
t_11				1.d	ERROR
t_12				1.d	ERROR