

New API of our project based on the previous 4 assignments
(Sending red envelope in the sendMessage() function of iems5722_a3.py)

API	POST http://3.17.158.90/api/a3/login
Descriptions	Account login
Input Parameters	<ul style="list-style-type: none"> • user_id • password
Example	POST the following to the API: user_id=864577&password=100312
Sample Output	{ "status": "OK" }

API	POST http://3.17.158.90/api/a3/sign_up
Descriptions	For Signing up new account
Input Parameters	<ul style="list-style-type: none"> • user_id • name • password
Example	POST the following to the API: user_id=864577& user_name=fangwei&password=100312
Sample Output	{ "status": "OK" }

API	GET http://3.17.158.90/api/a3/get_user
Descriptions	For check friends information before adding friends
Input Parameters	<ul style="list-style-type: none"> • user_id
Example	http://3.17.158.90/api/a3/get_user?user_id=864577
Sample Output	{ "status": "OK", "data": [{ "id": 864577, "name": "fangwei2" }] }

API	GET http://3.17.158.90/api/a3/check_friend
Descriptions	Checking the relationship with the user we want to add friends with (whether friended)
Input Parameters	<ul style="list-style-type: none"> • user_id • friend_id
Example	http://3.17.158.90/api/a3/check_friend?user_id=864577&friend_id=123123123
Sample Output	{ "status": "ERROR", "messages": "NO RELATION WITH THIS ID" }

API	POST http://3.17.158.90/api/a3/add_friends
Descriptions	Adding friends in DB
Input Parameters	<ul style="list-style-type: none"> • user_id • friend_id
Example	POST the following to the API: user_id=864577&friend_id=123123123
Sample Output	{ "status": "OK" }

API	GET http://3.17.158.90/api/a3/get_wallet
Descriptions	Get the money amount of the user
Input Parameters	<ul style="list-style-type: none"> • user_id
Example	http://3.17.158.90/api/a3/get_wallet?user_id=864577
Sample Output	{ "status": "OK", "data": [{"wallet": "200.00"}] }

API	GET http://3.17.158.90/api/a3/get_friends
Descriptions	Get the all names of friends and the ID of chatrooms with them
Input Parameters	<ul style="list-style-type: none"> • user_id
Example	http://3.17.158.90/api/a3/get_friends?user_id=864577
Sample Output	{ "status": "OK", "data": { "friends_name": ["zhuyifan", "zdzd", "22222", "fangwei1", "aabb", "renzo", "123123123"], "chatrooms": [17, 42, 44, 50, 55, 48, 49, 56] } }

API	GET http://3.17.158.90/api/a3/fetch_red_envelope
Descriptions	Checking the relationship with the user we want to add friends with (whether friended)
Input Parameters	<ul style="list-style-type: none"> • message_id • user_id • chatroom_id
Example	http://3.17.158.90/api/a3/fetch_red_envelope?message_id=6&user_id=864577&chatroom_id=17
Sample Output	{ "status": "ERROR", "messages": " EMPTY ENVELOPE" }