

No	Function	Method	Route	Required params	Optional params	Sample	Response
1	Login	POST	/login	{username, password}		{           "username":"admin",           "password":"admin"         }	{           "error_code":0,           "token":           jvONFQkGj1JDO0rVZE2hhJYjdoKIOkvu15xykpHgBvt7wxnUseXYyopQlrXJLw2iLwkQf12b3DjGLGrIAqrsav30NteAQIEtmT5zirdZGQfv3zX29aCvmG98qrMX"         }
2	Logout	POST	/logout	{token}		{           "token":           "GWWLHfFo0x1orq87LD411SjgQkkE54rq7wbpUOYEmVTulzxm4MWocHsuq53BUvNeX7Hzp9dcf6nqIZSzEhN6TtHqgXWAmASAJyBMFWlOL17GJsDUkDRNuokhZt"         }	{           "error_code":0         }
3	Lấy dữ liệu để vẽ biểu đồ	GET	/GraphData				{           "error_code": 0,           "result": [             {               "AQI": 92,               "Date": "2019-12-24 08:49:20",               "Humidity": 82,               "Temperature": 25             },             {               "AQI": 92,               "Date": "2019-12-24 08:50:20",               "Humidity": 82,               "Temperature": 25             },             {               "AQI": 92,               "Date": "2019-12-24 08:59:47",               "Humidity": 77,               "Temperature": 26             },             {               "AQI": 92,               "Date": "2019-12-24 09:01:41",               "Humidity": 78,               "Temperature": 26             },             {               "AQI": 92,               "Date": "2019-12-24 09:02:42",               "Humidity": 78,               "Temperature": 25             },             {               "AQI": 92,               "Date": "2019-12-24 09:03:42",               "Humidity": 80,               "Temperature": 25             },             {               "AQI": 92,               "Date": "2019-12-24 09:04:42",               "Humidity": 79,               "Temperature": 25             }           ]         }
4	Lấy dữ liệu để hiện các chỉ số	GET	/RealData				{           "error_code": 0,           "result": {             "AQI": 92,             "Date": "2019-12-24 09:04:42",             "Humidity": 79,             "Temperature": 25           }         }
5	Lấy thông báo	POST	/notifications/get	{token}	{start_time, end_time}	{           "token":           "GWWLHfFo0x1orq87LD411SjgQkkE54rq7wbpUOYEmVTulzxm4MWocHsuq53BUvNeX7Hzp9dcf6nqIZSzEhN6TtHqgXWAmASAJyBMFWlOL17GJsDUkDRNuokhZt"         }	{           "error_code":0,           "number_of_notifications":6,           "notification_0":{             "id":2958,             "for_user":"linhnv",             "message":"Perfect weather. It's time to go camping. Temperature: 24.7 AQI: 29 Humidity: 43%.",             "time":"2019-12-23T20:11:40.000Z",             "seen":"false",             "title":"What a beautiful day"           },           "notification_1":{             "id":3815,             "for_user":"linhnv",             "message":"Hmmm, Winter is coming. Watch out. Temperature: 10 AQI: 84 Humidity: 28%.",             "time":"2019-12-22T20:16:39.000Z",             "seen":"false",             "title":"Be careful"           },           "notification_2":{             "id":4050,             "for_user":"linhnv",             "message":"Have you packed for your trip. Nice weather out there. Temperature: 27.1 AQI: 3 Humidity: 36%.",             "time":"2019-12-23T18:17:07.000Z",             "seen":"false",             "title":"Tremendous weather"           },           "notification_3":{             "id":4202,             "for_user":"linhnv",             "message":"The sky is blue, I want to play too. Temperature: 23.6 AQI: 1 Humidity: 43%.",             "time":"2019-12-22T10:48:44.000Z",             "seen":"false",             "title":"Beautiful weather"           },           "notification_4":{             "id":4988,             "for_user":"linhnv",             "message":"Be careful when you go out. The weather doesn't look good. Temperature: 13.9 AQI: 120 Humidity: 16%.",             "time":"2019-12-22T23:48:45.000Z",             "seen":"false",             "title":"Heads up for bad weather"           },           "notification_5":{             "id":5872,             "for_user":"linhnv",             "message":"The sky is blue. I want to play too. Temperature: 27.4 AQI: 22 Humidity: 40%.",             "time":"2019-12-23T14:20:05.000Z",             "seen":"false",             "title":"Beautiful weather"           }         }
6	Thêm User	POST	/admin/add-user	{token, username, password, first_name, last_name, phone_number, email, gender, address, role}		{           "token":           jvONFQkGj1JDO0rVZE2hhJYjdoKIOkvu15xykpHgBvt7wxnUseXYyopQlrXJLw2iLwkQf12b3DjGLGrIAqrsav30NteAQIEtmT5zirdZGQfv3zX29aCvmG98qrMX",           "username":"test user",           "password":"123456",           "first_name":"User",           "last_name":"Test",           "phone_number":"0123456789",           "email":"user@domain.com",           "gender":"Male",           "address":"133 Xuan Thuy, Cau Giay",           "role":"standard"         }	{           "error_code":0,           "token":           J7ga2Ew5682ZYXFISRS3Qo84owWEO6cfZvyAadMOJqNaCzNrIayGloLnLpXAmQIP9B1fKNPhluMexVV1yZRmlnrA5h9l75lu32C5qzwzps7fICIEkdlwQZreiKoZ"         }
7	Sửa thông tin User	POST	/admin/modify-user	{token, username}	{password, first_name, last_name, phone_number, email, gender, address}	{           "token":           jvONFQkGj1JDO0rVZE2hhJYjdoKIOkvu15xykpHgBvt7wxnUseXYyopQlrXJLw2iLwkQf12b3DjGLGrIAqrsav30NteAQIEtmT5zirdZGQfv3zX29aCvmG98qrMX",           "username":"test user",           "first_name":"Lam",           "last_name":"Tung",           "gender":"Other"         }	{           "error_code":0         }
8	Xóa User	POST	/admin/delete-user	{token, username}		{           "token":           54VjprNcx3hpmS9ZibXvckgZ2aBvaPXekKjYwz0br1FWCNichmB8ftHJYE666q4MSB2Mp4ZQ08RorDmaOPhmlEjKryGdsGUEqwRBwQxZwaWMfepMT8yHF1pZz9",           "username":"lamnt"         }	{           "error_code":0         }

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9	Lấy danh sách các User	POST	/admin/list-user	{token}		<pre>{   "token": "GWwLHf0x1orq87LD411SgtQkkE54rq7wbpUOYEmVTulzXgm4MWccHsuq53BUvNeX7Hzp9dcf6nqIZSzEN6TtHqsXWAmASAJyBMFWR0L17GJsDUK0RNuokZh" }</pre>	<pre>{   "error_code": 0,   "number_of_users": 6,   "user_0": {     "id": 1,     "username": "admin",     "password": "admin",     "first_name": "Admin",     "last_name": "System",     "gender": "Other",     "email": "admin@54.237.117.36",     "phone_number": "0123456789",     "address": "144 Xuan Thuy, Cau Giay, HN",     "role": "admin",     "locking_state": "unlock"   },   "user_1": {     "id": 15,     "username": "linhnv",     "password": "12345",     "first_name": "Linh",     "last_name": "Nguyen Viet dgsdg",     "gender": "Male",     "email": "linhnv@54.237.117.36",     "phone_number": "01234564535",     "address": "27 Le Van Luong, Ha Noi, dgss",     "role": "standard",     "locking_state": "unlock"   },   "user_2": {     "id": 16,     "username": "longpt",     "password": "123456",     "first_name": "Longd",     "last_name": "Pham Thien",     "gender": "Male",     "email": "longpt@54.237.117.36",     "phone_number": "0123456789",     "address": "144 Xuan Thuy, Cau Giay, Ha Noi",     "role": "standard",     "locking_state": "unlock"   },   "user_3": {     "id": 33,     "username": "thuytt",     "password": "123456",     "first_name": "Thuy",     "last_name": "Tran Truongb",     "gender": "Male",     "email": "thuytt@54.237.117.36",     "phone_number": "0987654321",     "address": "Eurpoe",     "role": "standard",     "locking_state": "unlock"   },   "user_4": {     "id": 59,     "username": "lunght",     "password": "lunght",     "first_name": "Tung",     "last_name": "Hoang Xuan",     "gender": "Male",     "email": "lunght@54.237.115.36",     "phone_number": "0123456789",     "address": "144 Xuan Thuy, Cau Giay, HN",     "role": "admin",     "locking_state": "unlock"   },   "user_5": {     "id": 51,     "username": "lamnt",     "password": "lungtobi",     "first_name": "Lam",     "last_name": "Nguyen Tung",     "gender": "Male",     "email": "lungtobi@gmail.com",     "phone_number": "64329886758",     "address": "133 Xuan Thuy, Cau Giay",     "role": "standard",     "locking_state": "lock"   } }</pre>
10	Mở khóa User	POST	/admin/unlock-user	{token, username}		<pre>{   "token": "jv0NFQkGj1JD00iVZE2hhJYpdKIOkvu15xykpHgBbvT7wxnUseXYyYopQlXJLw2iLwkQl12b3DjGLGrIAqrsav30NteAQiEImT5zirdZGQfv13zX29aCvmG98qrMX",   "username": "test_user" }</pre>	<pre>{   "error_code": 0 }</pre>
11	Khóa tài khoản User	POST	/admin/lock-user	{token, username}		<pre>{   "token": "jv0NFQkGj1JD00iVZE2hhJYpdKIOkvu15xykpHgBbvT7wxnUseXYyYopQlXJLw2iLwkQl12b3DjGLGrIAqrsav30NteAQiEImT5zirdZGQfv13zX29aCvmG98qrMX",   "username": "test_user" }</pre>	<pre>{   "error_code": 0 }</pre>
12	Lấy thông tin user cho mọi role	POST	/user/info	{token}		<pre>{   "token": "GWwLHf0x1orq87LD411SgtQkkE54rq7wbpUOYEmVTulzXgm4MWccHsuq53BUvNeX7Hzp9dcf6nqIZSzEN6TtHqsXWAmASAJyBMFWR0L17GJsDUK0RNuokZh" }</pre>	<pre>{   "id": 1,   "username": "admin",   "password": "admin",   "first_name": "Admin",   "last_name": "System",   "gender": "Other",   "email": "admin@54.237.117.36",   "phone_number": "0123456789",   "address": "144 Xuan Thuy, Cau Giay, HN",   "role": "admin",   "locking_state": "unlock",   "error_code": 0 }</pre>
13	Sửa thông tin user cho mọi role	POST	/user/modify-user	{token}	{password, first_name, last_name, phone_number, email, gender, address}	<pre>{   "token": "jv0NFQkGj1JD00iVZE2hhJYpdKIOkvu15xykpHgBbvT7wxnUseXYyYopQlXJLw2iLwkQl12b3DjGLGrIAqrsav30NteAQiEImT5zirdZGQfv13zX29aCvmG98qrMX",   "gender": "Male",   "phone_number": "0329883434" }</pre>	<pre>{   "error_code": 0 }</pre>