2.0 Route

ID	NAME	DESCRIPTION	INPUT	OUTPUT

2.1	getMyRouLst	get routes list from specific user	user
			passwd
				success = {true || false}
				m = {error message || array(
				  array(rouId, rouName)
				  ....
				  )
				}

2.2	getRouInf	get full information from specific route	user
			passwd
			rouId
				success = {true || false}
				m = {error message ||
				rouName,
				rouDistance,
				rouStartTime,
				rouEndTime,
				sharesuccess = {true || false}
				m = {error message ||
				rouName,
				rouDistance,
				rouStartTime,
				rouEndTime,
				shareArray(
				  idUsr....),
				rouArray(
				  point,
				  speed,
				  txtmsg,
				  promId)
				}Array(
				  idUsr....),
				rouArray(
				  point,
				  speed,
				  txtmsg,
				  promId)
				}

2.3	sendRou	send route for an existing route on database	user
			passwd
			rouId
			 array(
			   time,
			   lat,
			   lng,
				success = {true || false}
				m = {error message}

			travel mode, txtmsg)	
2.4	shareRou	share route to: app user, email, facebook, twitter	user passwd rouId type: (idUser || email || FB || TW)	success = {true || false} m = {error message}
2.5	delRou	delete route	user passwd rouId	success = {true || false} m = {error message}
2.6	sendNewRou	send new route to database_1	user passwd route name array(time, lat, lng, travel mode, txtmsg)	success = {true || false} m = {error message}

2.1 getMyRouLst

Flow
json query structure

```json
{
    "ROU":[

        "getMyRouLst",
        "jyjy",
        "7658yuk",
        1
    ]

}
```

Fields description

index	type	example	name
0	string	getMyRouLst	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	bit	1	debug flag (optional) justa can have value = 1

json answer structure
correct

```json
{
    "success":"true",

    "m":{

        "home-office":10,
        "5km park":12,
        "home-George house":15
    }

}
```

correct no routes assigned

```
{
        "success":"true",
        "m":{        }
}
```

error

```
{
        "success":"false",
        "m":"Error 1"
}
```

error-debug

```
{
        "success":"false",
        "m":"Error 1",
        "debug":{
                "structure validation":"ok",
                "send query":"rico qwerty",
                "email validation":"ok",
                "password validation":"fail"
        }
}
```

Fields description

name	type	Description
success	string	true or false

m	array	message
		    correct:
		        return an array with **name** and **id** from table usrRoutes from database_1 for each user routes.
		    erorr:
		      ● Error 0:
		          malformed structure
		      ● Error 1:
		          function not recognized
		      ● Error 2:
		          invalid user or password

2.2 getRouInf

json query structure

```
{
    "ROU":[

        "getRouInf",
        "jyjy",
        "7658yuk",
        10
    ]

}
```

Fields description

index	type	example	name
0	string	getMyRouLst	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	int	10	id from table usrRoutes on database_1
3	bit	1	debug flag (optional) justa can have value = 1

json answer structure
        correct

```
{
    "success":"true",

    "m":[

        "5km park",
        1357041660,
        1357045200,
        [
```

```
                15,
                25,
                36
          ],
          5135,
          15,
          3,
          [
              [
                  20.629571202800154,
                  -103.48228454589844,
                  1
              ],
              [
                  20.653024889806566,
                  -103.42666625976562,
                  1
              ],
              [
                  20.687074486193538,
                  -103.359375,
                  2,
                  "a lot of traffic"
              ],
              [
                  20.652382371230658,
                  -103.33053588867188,
                  2
              ],
              [
                  20.606113900941935,
                  -103.29208374023438,
                  2
              ]
          ]
      ]
}
```

error

```
{
      "success":"false",
      "m":"Error 1"
}
```

Fields description

name	type	Description
success	string	true or false
m	array	message correct: array: 0 route name 1 last start usage time 2 last end usage time 3 share with array: users id 4 distance in meters 5 times routes used 6 times routes shared 7 array: 0 lat 1 lng 2 travel type 3 message (optional) error ● Error 0: malformed structure ● Error 1: function not recognized ● Error 2: invalid user or password ● Error 3: invalid route

correct array message

index	type	example	name
0	string	5km park	route name
1	timestamp	1357041660	timestamp last route usage start
2	timestamp	1357045200	timestamp last route usage end
3	array		users id share route array
4	int	5135	distance in meters
5	int	15	times routes used

6	int	3	times route shared
7	array		0 lat 1 lng 2 travel type 3 message (optional)

2.3 sendRou

json query structure

```json
{
    "ROU":[

        "sendRou",
        "jyjy",
        "7658yuk",
        10,
        [
            [
                1357041660,
                20.629571202800154,
                -103.48228454589844,
                1
            ],
            [
                1357041670,
                20.65302488980656,
                -103.42666625976562,
                1
            ],
            [
                1357041680,
                20.687074486193538,
                -103.359375,
                2,
                "a lot of traffic"
            ],
            [
                1357041690,
                20.652382371230658,
                -103.33053588867188,
                2
            ],
            [
                1357041700,
                20.606113900941935,
                -103.29208374023438,
                2
            ]
        ],
        1
    ]

}
```

Fields description

index	type	example	name
0	string	sendRou	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	array		route data array 0 timestamp 1 lat 2 lng 3 message on route (optional)
4	bit	1	debug flag (optional) justa can have value = 1

json answer structure
    correct

```json
{
        "success":"true",

        "m":{

                10,
                5,
                1,
                "2013-01-01 12-00-00",
                "2013-01-01 13-00-00",

        }

}
```

    error

```json
{
        "success":"false",

        "m":"Error 1"

}
```

Fields description

name	type	Description
success	string	true or false
m	array	message correct: 0 route id from table usrRoutes 1 inserted routes points 2 inserted message 3 start time 4 end time erorr: ● Error 0: malformed structure ● Error 1: function not recognized ● Error 2: invalid user or password ● Error 3: invalid route id

2.4 shareRou

json query structure

```json
{
    "ROU":[

        "shareRou",
        "jyjy",
        "7658yuk",
        10,
        1,
        "jrico@gmail.com",
        1
    ]

}
```

Fields description

index	type	example	name
0	string	sendRou	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	int	10	route id
4	int	1	account type registration 1 = email 2 = facebook 3 = twitter 4 = google plus
5	string	jrico@gmail.com	account user name registration ● email ● facebook user ● twitter user ● google plus user
6	bit	1	debug flag (optional) justa can have value = 1

json answer structure

    correct

```
{

    "success":"true"

}
```

    error

```
{

    "success":"false",

    "m":"Error 1"

}
```

Fields description

name	type	Description
success	string	true or false

m	array	message
		only for error messages:
		    erorr:
		      ● Error 0:
		        malformed structure
		      ● Error 1:
		        function not recognized
		      ● Error 2:
		        invalid user or password
		      ● Error 3:
		        invalid route id
		      ● Error 4:
		        invalid account to share with
		      ● Error 5:
		        invalid account type

2.5 delRou

json query structure

```json
{
    "ROU":[

        "shareRou",
        "jyjy",
        "7658yuk",
        10,
        1
    ]

}
```

Fields description

index	type	example	name
0	string	sendRou	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	int	10	route id
4	bit	1	debug flag (optional) justa can have value = 1

json answer structure
>   correct

```json
{
    "success":"true"

}
```

>   error

```json
{
    "success":"false",

    "m":"Error 1"

}
```

Fields description

name	type	Description
success	string	true or false

m	array	message
		only for error messages:
		    erorr:
		        ● Error 0:
		            malformed structure
		        ● Error 1:
		            function not recognized
		        ● Error 2:
		            invalid user or password
		        ● Error 3:
		            invalid route id

2.6 sendNewRou

json query structure

```
{
    "ROU":[

        "sendNewRou",
        "jyjy",
        "7658yuk",
        "home-office",
        [
            [
                1357041660,
                20.629571202800154,
                -103.48228454589844,
                1
            ],
            [
                1357041670,
                20.65302489806566,
                -103.42666625976562,
                1
            ],
            [
                1357041680,
                20.687074486193538,
                -103.359375,
                2,
                "a lot of traffic"
            ],
            [
                1357041690,
                20.652382371230658,
                -103.33053588867188,
                2
            ],
            [
                1357041700,
                20.606113900941935,
                -103.29208374023438,
                2
            ]
        ],
        1
    ]

}
```

Fields description

index	type	example	name
0	string	sendRou	function name
1	string	jyjy	user account name max length 30 characters
2	string	7658yuk	password max length 30 characters
3	int	home-office	route name
4	bit	1	debug flag (optional) justa can have value = 1

json answer structure

correct

```
{
    "success":"true",
    "m":152
}
```

error

```
{
    "success":"false",
    "m":"Error 1"
}
```

Fields description

name	type	Description
success	string	true or false
m		message correct: 0 id from table usrRoutes on database_1 erorr: ● Error 0: malformed structure

		- Error 1: function not recognized - Error 2: invalid user or password