| Action        | Метод | URL              | Сообщение клиента  | Сообщение сервера  |
|---------------|-------|------------------|--|--|
| Регистрация   | POST  | /v1/users/       | {   "account_name": username,   "email": email,   "password": password } | {     "response": 201,     "token": token"     "user_id": user id }     ================================                                     |
| LOGIN         | PUT   | /v1/auth/        | {   "account_name": username,   "password": password }                   | { "token": token" }  |
| LOGOUT        | PUT   | /v1/auth         | header: token {   "user_id": user id, }                                  | { "response": 200 }  |
| GET SELF USER | GET   | /v1/users/       | header: token  | Код ответа: 200 {     "uid": %id%,     "account_name": %login%,     "email": %email% } ===================================                   |
| GET USER      | GET   | /v1/users/[0-9]+ | header: token  | {     "uid": %uid%,     "account_name": %username%,     "email": %email@email.com% } {"response": "200"} =================================== |

| ADD_CONTACT   | PUT    | /v1/users/          | header: token { "contact":e-mail }                      | {   "response":201,   "contact_uid": id пользователя, \   с запрошенным е-мейлом, если есть в базе } |
|---|--------|---------------------|---|--|
| ADD_CONTACT   | POST   | /v1/users/contacts/ | header: token { "contact":e-mail }                      | {   "response":201 }   |
|   |        |                     |   | { "response":404, message: "User does not exists" }  |
|   |        |                     |   | { "response":409, message:"Contact already in list" }  |
| DELETE_CONTACT(удалить контакт из списка контактов) | DELETE | /v1/users/contacts/ | header: token { "contact":e-mail }                      | {   "response":200 "Deleted contacts %n" }   |
|   |        |                     |   | {<br>"response":404<br>}   |
|   |        |                     |   | { "response":400 }   |
| GET_CONTACTS  | GET    | /v1/users/contacts/ | header: token   |  |
| SEND_READ_MSGS                                      | PUT    | /v1/chats           | header: token { "user_id": user id, "msg_id": msg_id, } | { "response": 200 }  |
| ADD_GROUP   | PUT    | /v1/groups          | header: token { "group":name, "contacts": contacts }    |  |
| ADD_CONTACT_TO_GROUP                                | PUT    |                     |   |  |
| WEBSOCKET   |        | /v1/ws/             | header: token   | { "receiver":"id_client", "message": "message" }   |
| WEBSOCKET ECHO                                      |        | /v1/ws_echo/        | header: token   |  |