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RESPONSE

LOGIN

REQUEST

```
{
  "method": "login",
  "request": {
    "username": "char[6..15]",
    "password": "char[6..100]",
    "ip_address": "###.###.###.###"
  }
}
```

RESPONSE

```
{
  "method": "login",
  "response": {
    "authenticated": 0|1,
    "login_hash": "hex[64]",
    "accesslevel": "readonly|readwrite|admin"
  }
}
```

LOGOUT

REQUEST

```
{
  "method": "logout",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  }
}
```

RESPONSE

```
{
  "method": "logout",
  "response": {"logged_out": 0|1}
}
```

NEWUSER

REQUEST

```
{
  "method": "newuser",
  "request": {
    "username": "char[6..15]",
    "password": "char[6..100]",
    "ip_address": "###.###.###.###"
    "accesslevel": "readonly|readwrite|admin"
  }
}
```

RESPONSE

```
{
  "method": "newuser",
  "response": { "added": 0|1 }
}
```

CREATE MEDICAL PROFILE

Only admin and doctors can do this. Patient profile must be brand new, it cannot overwrite an existing profile with the same first and last name.

REQUEST

```
{
  "method": "createprofile",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  },
  "request": {
    "firstname": "char[1..25]",
    "lastname": "char[1..25]",
    "bloodtype": "O+|O-|A+|A-|B+|B-|AB+|AB-",
    "allergies": "char[0..500]",
    "ICEcontact": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "PCP": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "notes": "char[0..3000]"
  }
}
```

RESPONSE

```
{
  "method": "createprofile",
  "response": { "created": 0|1 }
}
```

GET MEDICAL PROFILE

REQUEST

```
{
  "method": "getprofile",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  }
  "request": {
    "firstname": "char[1..25]",
    "lastname": "char[1..25]"
  }
}
```

RESPONSE

```
{
  "method": "getprofile",
  "response": {
    "retrieved": 0|1,
    "firstname": "char[1..25]",
    "lastname": "char[1..25]",
    "bloodtype": "O+|O-|A+|A-|B+|B-|AB+|AB-",
    "allergies": "char[0..500]",
    "ICEcontact": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "PCP": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "notes": "char[0..3000]"
  }
}
```

MODIFY PATIENT NAME

Only admin can do this.

REQUEST

```
{
  "method": "modifypatientname",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  }
  "request": {
    "firstname": "char[1..25]",
    "lastname": "char[1..25]",
    "newfirstname": "char[1..25]",
    "newlastname": "char[1..25]"
  }
}
```

RESPONSE

```
{
  "method": "modifypatientname",
  "response": { "modified": 0|1 }
}
```

REMOVE MEDICAL PROFILE

Only admin can do this.

REQUEST

```
{
  "method": "removeprofile",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  }
  "request": {
    "firstname": "char[1..25]",
    "lastname": "char[1..25]"
  }
}
```

RESPONSE

```
{
  "method": "removeprofile",
  "response": { "removed": 0|1 }
}
```


UPDATE MEDICAL PROFILE

Only admin and doctors can do this. Patient profile must already be stored in order to update.

REQUEST

```
{
  "method": "updateprofile",
  "auth_data": {
    "username": "char[6..15]",
    "ip_address": "###.###.###.###",
    "login_hash": "hex[64]"
  }
  "request": {
    "firstname": "char[1..25]",
    "lastname": "char[1..25]",
    "bloodtype": "O+|O-|A+|A-|B+|B-|AB+|AB-",
    "allergies": "char[0..500]",
    "ICEcontact": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "PCP": {
      "firstname": "char[1..25]",
      "lastname": "char[1..25]",
      "phone": "###-###-####"
    },
    "notes": "char[0..3000]"
  }
}
```

RESPONSE

```
{
  "method": "updateprofile",
  "response": { "updated": 0|1 }
}
```

