

## Weather Forecast API Endpoints Docs

'POST' .../api/forecast	Get a new forecast for a location
'POST' .../api/register	Register a new user
'POST' .../api/login	Login as an existing user

### 'POST' .../api/forecast

#### Request

Content-Type: **application/json; charset=utf-8**

```
Body: {id: 1,  
      name: "Alex",  
      password: 1234,  
      last_lat: 32.34535,  
      last_lng: 43.46546  
}
```

#### Response

##### 200

Returns a dictionary with the forecast for seven days, with the key being the date of the day, and the value being a list that contains the min temp, max temp and a description.

Content-Type: **application/json**

```
Body: {  
  "2020-10-14": [  
    69,  
    92,  
    "clear sky"  
  ],  
  "2020-10-15": [  
    73,  
    94,  
    "clear sky"  
  ],  
  ...}
```

##### 401

Content-Type: **application/json**

```
Body: { "Please register or log in to see the forecast" }
```

##### 404

Content-Type: **application/json**

```
Body: { "Coordinates are not in the range" }
```

## 'POST' .../api/register

### Request

Content-Type: **application/json; charset=utf-8**

```
Body: {  
  name: "Alex",  
  password: 1234,  
}
```

### Response

#### 200

Content-Type: **application/json**

Body: { "Registration completed for Alex" }

#### 401

Content-Type: **application/json**

Body: { "Wrong password" } or { "Username taken" }

## 'POST' .../api/login

### Request

Content-Type: **application/json; charset=utf-8**

```
Body: {  
  name: "Alex",  
  password: 1234,  
}
```

### Response

#### 200

Content-Type: **application/json**

```
Body: {  
  last_lat : 23.22434,  
  last_lng: 34.23424  
}
```

#### 401

Content-Type: **application/json**

Body: { "Wrong password" } or { "Username does not exist, please register first" }