

# *WEB SITE DESIGN AND CREATION-II FINAL PROJECT*

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## Part 1

### Description

<https://covid19berke.netlify.app/>

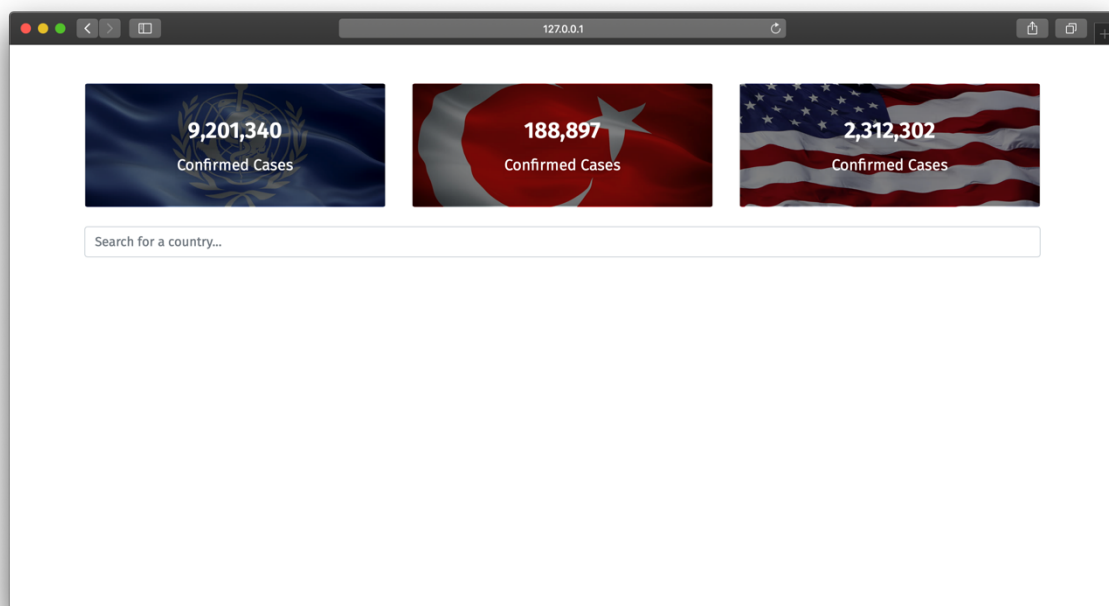
This website shows current status of Covid-19 pandemic all over the world. A country search can be done to see detailed overview of a country.

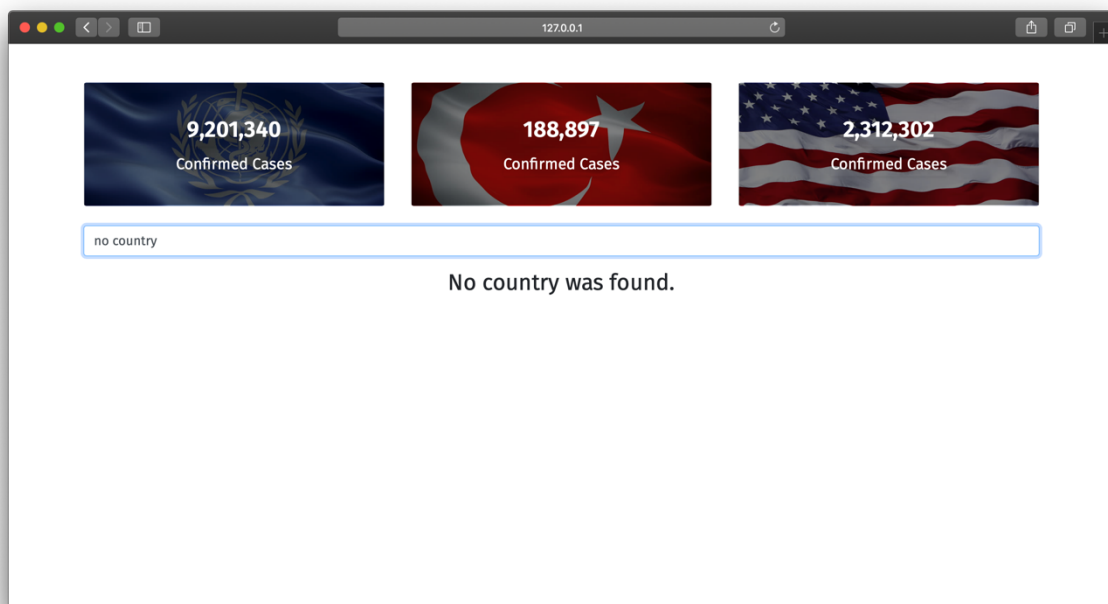
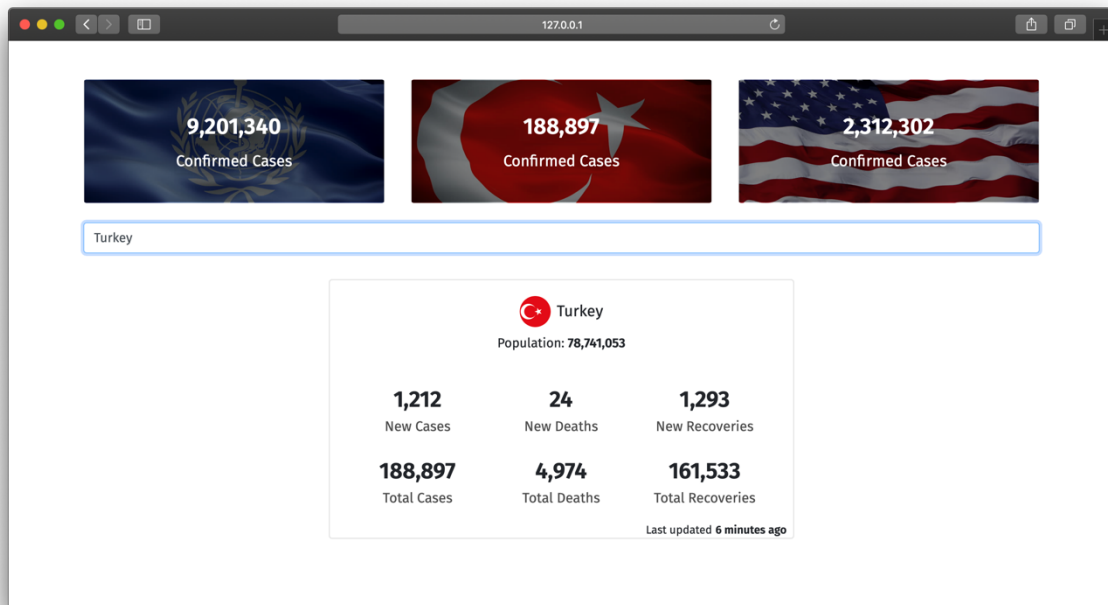
### Logic

The website uses the API called “COVID19 API” (<https://covid19api.com/>) to get updated Covid-19 stats for countries, and another API called “REST COUNTRIES” (<https://restcountries.eu/>) to get flag and population information for the country that is searched for.

3 information boxes showed on the first load of the webpage: Global, Turkey, United States. The user can search for a country name and/or a country code to get a detailed view of a country.

### Screenshots





## Part 2

### HTML

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Covid-19 Updates</title>
    <link
      rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
      integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYxxFfc+NcPb1dKGj7Sk"
      crossorigin="anonymous"
    />
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <div class="container mt-5">
      <div class="row">
        <div class="col-4 country-list">
          <div class="card position-relative user-select-none" id="who">
            <div class="card-body d-flex flex-column align-items-center">
              <span class="count shadow-sm">###</span>
              <span class="title shadow-sm mt-2">Confirmed Cases</span>
            </div>
          </div>
        </div>
        <div class="col-4 country-list">
          <div class="card position-relative user-select-none" id="tr">
            <div class="card-body d-flex flex-column align-items-center">
              <span class="count shadow-sm">###</span>
              <span class="title shadow-sm mt-2">Confirmed Cases</span>
            </div>
          </div>
        </div>
        <div class="col-4 country-list">
          <div class="card position-relative user-select-none" id="us">
            <div class="card-body d-flex flex-column align-items-center">
              <span class="count shadow-sm">###</span>
              <span class="title shadow-sm mt-2">Confirmed Cases</span>
            </div>
          </div>
        </div>
      </div>
      <div class="row mt-4">
        <div class="col">
```

```

<form action="#" id="country-search" class="position-relative">
  <div class="form-group">
    <input
      type="text"
      class="form-control"
      name="search"
      placeholder="Search for a country..."
    />
  </div>

  <div class="loader position-absolute">
    <div class="spinner-grow text-dark" role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <div
    class="no-result d-flex w-100 justify-content-center position-
absolute"
  >
    <h3>No country was found.</h3>
  </div>
</form>
</div>
</div>
<div class="row mt-3">
  <div class="col-6 offset-3 country-details">
    <div class="card position-relative">
      <div class="card-body">
        <h3
          class="country-name d-flex align-items-center justify-content-
center"
        >
          <span
            class="country-cover d-flex overflow-hidden rounded-circle"
          >
          </span>
          <span class="name ml-2">###</span>
        </h3>
        <div class="population w-100 text-center">
          Population: <span>###</span>
        </div>
        <div class="details mt-3 mb-3">
          <div
            class="detail d-flex flex-column align-items-center"
            id="newCase"
          >
            <div class="count">###</div>
            <div class="title">New Cases</div>
          </div>
          <div
            class="detail d-flex flex-column align-items-center"

```

```
        id="newDeath"
      >
        <div class="count">###</div>
        <div class="title">New Deaths</div>
      </div>
      <div
        class="detail d-flex flex-column align-items-center"
        id="newRecovery"
      >
        <div class="count">###</div>
        <div class="title">New Recoveries</div>
      </div>
      <div
        class="detail d-flex flex-column align-items-center"
        id="totalCase"
      >
        <div class="count">###</div>
        <div class="title">Total Cases</div>
      </div>
      <div
        class="detail d-flex flex-column align-items-center"
        id="totalDeath"
      >
        <div class="count">###</div>
        <div class="title">Total Deaths</div>
      </div>
      <div
        class="detail d-flex flex-column align-items-center"
        id="totalRecovery"
      >
        <div class="count">###</div>
        <div class="title">Total Recoveries</div>
      </div>
    </div>
    <div
      class="updated-at d-flex w-100 justify-content-end pr-2 position-absolute"
    >
      Last updated <span class="ml-1">###</span>
    </div>
  </div>
</div>
</div>
</div>
</div>
```

DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXArkfy"  
crossorigin="anonymous"

```

    </script>
    <script
      src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
      integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
      crossorigin="anonymous"
    ></script>
    <script
      src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
      integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
      crossorigin="anonymous"
    ></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.27.0/moment.min.js"></scrip
t>
    <script src="scripts.js"></script>

    <script>
      $(document).ready(() => {
        getDefaultDetails();

        $("#country-search input").bind("input", (e) => {
          search(e.target.value);
        });
      });
    </script>
  </body>
</html>

```

## CSS

```

@import
url("https://fonts.googleapis.com/css2?family=Fira+Sans:ital,wght@0,400;0,600;1,700
&display=swap");

body,
html {
  font-family: "Fira Sans", Arial, Helvetica, sans-serif;
  font-size: 15px;
}

.country-list .card {
  background: transparent no-repeat center;
  background-size: cover;
  position: relative;
  cursor: default;
  padding: 15px 0;
}

```

```
.country-list .card:before {
  content: "";
  width: 100%;
  height: 100%;
  position: absolute;
  top: 0;
  left: 0;
  background: rgba(0, 0, 0, 0.5);
  z-index: 2;
}

.country-list .card#us {
  background-image:
url("https://ak8.picdn.net/shutterstock/videos/3418328/thumb/1.jpg");
}

.country-list .card#tr {
  background-image:
url("https://ak6.picdn.net/shutterstock/videos/1024027946/thumb/1.jpg");
}

.country-list .card#who {
  background-image:
url("https://ak0.picdn.net/shutterstock/videos/21286180/thumb/1.jpg");
}

.country-list .card .card-body {
  z-index: 5;
  color: #fff;
}

.country-list .card .card-body .count {
  font-size: 26px;
  font-weight: 700;
}

.country-list .card .card-body .title {
  font-size: 18px;
}

.loader {
  left: 50%;
  bottom: 0;
  -webkit-transform: translate(-50%, calc(100% + 1rem));
  transform: translate(-50%, calc(100% + 1rem));
  opacity: 0;
  z-index: -1;
  -webkit-transition: opacity 200ms ease;
  transition: opacity 200ms ease;
}
```



```

.loader.active {
  opacity: 1;
}

.no-result {
  opacity: 0;
  z-index: -1;
  -webkit-transition: opacity 200ms ease;
  transition: opacity 200ms ease;
}

.no-result.active {
  opacity: 1;
}

.country-details {
  opacity: 0;
  z-index: -1;
  -webkit-transform: translateY(25%);
  transform: translateY(25%);
  -webkit-transition: opacity 200ms ease 0ms, z-index 0ms ease 210ms,
    -webkit-transform 200ms ease 0ms;
  transition: opacity 200ms ease 0ms, z-index 0ms ease 210ms,
    -webkit-transform 200ms ease 0ms;
  transition: opacity 200ms ease 0ms, transform 200ms ease 0ms,
    z-index 0ms ease 210ms;
  transition: opacity 200ms ease 0ms, transform 200ms ease 0ms,
    z-index 0ms ease 210ms, -webkit-transform 200ms ease 0ms;
}

.country-details.active {
  opacity: 1;
  z-index: 2;
  -webkit-transform: translateY(0);
  transform: translateY(0);
  -webkit-transition: opacity 200ms ease 10ms, z-index 0ms ease 0ms,
    -webkit-transform 200ms ease 10ms;
  transition: opacity 200ms ease 10ms, z-index 0ms ease 0ms,
    -webkit-transform 200ms ease 10ms;
  transition: opacity 200ms ease 10ms, transform 200ms ease 10ms,
    z-index 0ms ease 0ms;
  transition: opacity 200ms ease 10ms, transform 200ms ease 10ms,
    z-index 0ms ease 0ms, -webkit-transform 200ms ease 10ms;
}

.country-details .country-name .country-cover {
  width: 36px;
  height: 36px;
  background: transparent no-repeat center;
  background-size: cover;
}

```

```

.country-details .country-name .name {
  font-size: 18px;
  font-weight: 500;
}

.country-details .population span {
  font-weight: 600;
}

.country-details .details {
  display: -ms-grid;
  display: grid;
  -ms-grid-columns: 33.3% 33.3% 33.3%;
  grid-template-columns: 33.3% 33.3% 33.3%;
}

.country-details .details .detail {
  margin-top: 20px;
}

.country-details .details .detail .count {
  font-size: 26px;
  font-weight: 700;
}

.country-details .details .detail .title {
  font-size: 16px;
  font-weight: 500;
  color: rgba(0, 0, 0, 0.7);
}

.country-details .updated-at {
  font-size: 13px;
  bottom: 0;
  right: 0;
}

.country-details .updated-at span {
  font-weight: 600;
}

```

## JS

```

countries = [];

const getDefaultDetails = () => {
  const requestOptions = {
    method: "GET",
    redirect: "follow",
  };
};

```

```

fetch("https://api.covid19api.com/summary", requestOptions)
  .then((response) => response.json())
  .then((data) => {
    const { TotalConfirmed } = data.Global;

    $(".card#who .count").text(Intl.NumberFormat().format(TotalConfirmed));

    this.countries = data.Countries;

    const defCountries = countries.filter(
      (dataC) => dataC.CountryCode === "US" || dataC.CountryCode === "TR"
    );

    defCountries.forEach((dataDC) => {
      const { TotalConfirmed, CountryCode } = dataDC;
      $(".card#${CountryCode.toLowerCase()} .count").text(
        Intl.NumberFormat().format(TotalConfirmed)
      );
    });
  });
};

searchTimeout = "";
const search = (q) => {
  clearTimeout(this.searchTimeout);

  $(".country-details").removeClass("active");
  $(".no-result").removeClass("active");

  if (q !== "") {
    $(".loader").addClass("active");
    this.searchTimeout = setTimeout(() => {
      if (
        !this.countries.some((data, index) => {
          if (
            data.CountryCode.toLowerCase() === q.toLowerCase() ||
            data.Country.toLowerCase().includes(q.toLowerCase())
          ) {
            getSearchedDetails(index);
            return true;
          }
        })
      ) {
        $(".no-result").addClass("active");
        $(".loader").removeClass("active");
      }
    }, 1300);
  } else {
    $(".loader").removeClass("active");
  }
}

```

```

    }
  };

const getSearchedDetails = (index) => {
  const country = countries[index];
  fetch(
    `https://restcountries.eu/rest/v2/alpha/${country.CountryCode}?fields=flag;population`
  )
    .then((response) => response.json())
    .then((data) => {
      country["details"] = data;

      setTimeout(() => {
        const {
          details,
          Country,
          NewConfirmed,
          NewDeaths,
          NewRecovered,
          TotalConfirmed,
          TotalDeaths,
          TotalRecovered,
        } = country;
        if (!$(".country-details").hasClass("active"))
          $(".country-details").addClass("active");
        $(".loader").removeClass("active");

        $(".country-details .country-name .country-cover").css(
          "background-image",
          `url("${details.flag}")`
        );
        $(".country-details .country-name .name").text(country.Country);

        $(".country-details .population span").text(
          Intl.NumberFormat().format(details.population)
        );

        $(".country-details #newCase .count").text(
          Intl.NumberFormat().format(NewConfirmed)
        );
        $(".country-details #newDeath .count").text(
          Intl.NumberFormat().format(NewDeaths)
        );
        $(".country-details #newRecovery .count").text(
          Intl.NumberFormat().format(NewRecovered)
        );
        $(".country-details #totalCase .count").text(
          Intl.NumberFormat().format(TotalConfirmed)
        );
      });
    });

```

```
$(".country-details #totalDeath .count").text(  
    Intl.NumberFormat().format(TotalDeaths)  
);  
$(".country-details #totalRecovery .count").text(  
    Intl.NumberFormat().format(TotalRecovered)  
);  
  
const lastUpdateDate = moment(new Date(country.Date)).fromNow();  
$(".country-details .updated-at span").text(lastUpdateDate);  
}, 20);  
});  
};
```