**Demo API**

**Silde 5**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 5</title>

</head>

<body>

    <script>

        const urlBacon = "https://jsonplaceholder.typicode.com/todos/1";

        (function() {

            $.ajax({

                method: "GET",

                      url: urlBacon,

                      dataType: "json"

            })      .done(function(data) {

                console.log(data);

            })      .fail(function() {

                alert("no good");

            });

        })()

    </script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Slide 6**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 6</title>

</head>

<body>

    <script>

        $.ajax({

            url: "https://jsonplaceholder.typicode.com/todos/1",

                  beforeSend: function(xhr) {

                xhr.overrideMimeType("text/plain; charset=x-user-defined");

            }

        })      .done(function(data) {

            if (console && console.log) {

                console.log("Sample of data:", data.slice(0, 100));

            }

        });

    </script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Slide 7**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Silde 7</title>

</head>

<body>

    <script>

        //Get all users

             //var url = "http://localhost:8080/api/v1/users";

        var url = "https://6505c36aef808d3c66f06e72.mockapi.io/Demo/api/v1/users";

        //var url = 'https://jsonplaceholder.typicode.com/todos';

        var xhr = new XMLHttpRequest()

        xhr.open('GET', url, true)

        xhr.onload = function() {

            var users = JSON.parse(xhr.responseText);

            if (xhr.readyState == 4 && xhr.status == "200") {

                console.table(users);

            } else {

                console.error(users);

            }

        }

        xhr.send(null);

    </script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Slide 8**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 8</title>

</head>

<body>

    <script>

        // Get a user

             // var url = "http://localhost:8080/api/v1/users";

        var url = " https://6505c36aef808d3c66f06e72.mockapi.io/Demo/api/v1/users ";

        var xhr = new XMLHttpRequest()

        xhr.open('GET', url + '/1', true)

        xhr.onload = function() {

            var users = JSON.parse(xhr.responseText);

            if (xhr.readyState == 4 && xhr.status == "200") {

                console.table(users);

            } else {

                console.error(users);

            }

        }

        xhr.send(null);

    </script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Slide 9**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 9</title>

</head>

<body>

    <script>

        // // Post a user

        //var url = "http://localhost:8080/api/v1/users";

        //var url = 'https://my-json-server.typicode.com/typicode/demo/posts';

        var url = " https://6505c36aef808d3c66f06e72.mockapi.io/Demo/api/v1/users”;

        var data = {};     //data.firstname = "John";

             //data.lastname = "Snow";

        var json = JSON.stringify(data);

        var xhr = new XMLHttpRequest();

        xhr.open("POST", url, true);

        xhr.setRequestHeader('Content-type', 'application/json; charset=utf-8');

        xhr.onload = function() {

            var users = JSON.parse(xhr.responseText);

            if (xhr.readyState == 4 && xhr.status == "201") {

                console.table(users);

            } else {

                console.error(users);

            }

        }

        xhr.send(json);

    </script>

</body>

</html>

A screenshot of a computer

Description automatically generated

**Slide 10**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 10</title>

</head>

<body>

    <script>

        // Update a user

             // var url = "http://localhost:8080/api/v1/users";

        var url = " https://6505c36aef808d3c66f06e72.mockapi.io/Demo/api/v1/users";

        var data = {};

        data.firstname = "John2";

        data.lastname = "Snow2";

        var json = JSON.stringify(data);

        var xhr = new XMLHttpRequest();

        xhr.open("PUT", url + '/12', true);

        xhr.setRequestHeader('Content-type', 'application/json; charset=utf-8');

        xhr.onload = function() {

            var users = JSON.parse(xhr.responseText);

            if (xhr.readyState == 4 && xhr.status == "200") {

                console.table(users);

            } else {

                console.error(users);

            }

        }

        xhr.send(json);

    </script>

</body>

</html>

**Slide 11**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

    <title>Slide 11</title>

</head>

<body>

    <script>

        // Delete a user

        //var url = "http://localhost:8080/api/v1/users";

        var url = "https://6505c36aef808d3c66f06e72.mockapi.io/Demo/api/v1/users";

        var xhr = new XMLHttpRequest();

        xhr.open("DELETE", url + '/12', true);

        xhr.onload = function() {

            var users = JSON.parse(xhr.responseText);

            if (xhr.readyState == 4 && xhr.status == "200") {

                console.table(users);

            } else {

                console.error(users);

            }

        }

        xhr.send(null);

    </script>

</body>

</html>