

# Term 2 Week8 Project



Jie Gao

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## **Project Requirement :**

**Creating a form, let students input their information and submit it.**

**Responsiveness (mobile, tab, & desktop)**

**Validation (each inputs, submit button)**

**Create a JSON file, showing it in console**

**Create a PPT showing the process**

# Mock up file for the website

tab

## Student Record

<div><b>Student Name:</b></div> <div>first name</div> <div><input type="text"/></div> <div>at least 2 letters</div> <div>middle name</div> <div><input type="text"/></div> <div>last name</div> <div><input type="text"/></div> <div>at least 2 letters</div>	<div><b>Date of Birth</b></div> <div>day</div> <div><input type="text"/></div> <div>choose from 1 to 31</div> <div>month</div> <div><input type="text"/></div> <div>choose from Jan to Dec</div> <div>year</div> <div><input type="text"/></div> <div>only 4 digits    numbers only    after 2006 is not ok</div>
<div><b>Student Email:</b></div> <div>email</div> <div><input type="text"/></div> <div>email format: a@a.com</div>	<div><b>Citizenship status</b></div> <div><input checked="" type="radio"/> Foreigner</div> <div>Passport #</div> <div><input type="text"/></div> <div>Passport Number requires 10 digits with letters like: AAA12345AA</div> <div><input type="radio"/> Canada/PR</div>
<div>Submit</div> <div>You have already submitted information successfully!</div>	

desktop

## Student Record

<div><b>Student Name:</b></div> <div>first name</div> <div><input type="text"/></div> <div>at least 2 letters</div> <div>middle name</div> <div><input type="text"/></div> <div>last name</div> <div><input type="text"/></div> <div>at least 2 letters</div>		
<div><b>Date of Birth</b></div> <div>day</div> <div><input type="text"/></div> <div>please choose from 1-31</div> <div>month</div> <div><input type="text"/></div> <div>choose from Jan to Dec</div> <div>year</div> <div><input type="text"/></div> <div>only 4 digits numbers only after 2006 is not ok</div>		
<div><b>Student Email:</b></div> <div>email</div> <div><input type="text"/></div> <div>email format: a@a.com</div>		
<div><b>Citizenship status</b></div> <div><input type="radio"/> Canada/PR</div> <div><input checked="" type="radio"/> USA</div> <div>Passport #</div> <div><input type="text"/></div> <div>Passport Number requires 10 digits with letters like: AAA12345AA</div>		
<div>Submit</div> <div>You have already submitted information successfully!</div>		

mobile

## Student Record

<div><b>Student Name:</b></div> <div>first name</div> <div><input type="text"/></div> <div>at least 2 letters</div> <div>middle name</div> <div><input type="text"/></div> <div>last name</div> <div><input type="text"/></div> <div>at least 2 letters</div>
<div><b>Date of Birth</b></div> <div>day</div> <div><input type="text"/></div> <div>choose from 1 to 31</div> <div>month</div> <div><input type="text"/></div> <div>choose from Jan to Dec</div> <div>year</div> <div><input type="text"/></div> <div>only 4 digits    numbers only    after 2006 is not ok</div>
<div><b>Student Email:</b></div> <div>email</div> <div><input type="text"/></div> <div>email format: a@a.com</div>
<div><b>Citizenship status</b></div> <div><input checked="" type="radio"/> Foreigner</div> <div>Passport #</div> <div><input type="text"/></div> <div>Passport Number requires 10 digits with letters like: AAA12345AA</div> <div><input type="radio"/> Canada/PR</div>
<div>Submit</div> <div>You have already submitted information successfully!</div>



# Validation

Student Record

Student Name

First Name

jie

✓

Middle Name

middle name

Last Name

Gao

✓

Birth of Date

Day

10

✓

▼

Month

Jul

✓

▼

Year

1982

✓

Email Address

Email

jack@yahoo.com

✓

email format: a@a.com

Citizenship Status

☒ Foreigner

Passport Number

ABC12345AB

✓

☐ CANADA/PR

Submit

✓

Thank you! You have been submitted successfully.

when all input are validated



# Validation

Student Record

Student Name

First Name

Middle Name

Last Name

w

#

2

first name at least two letters

middle name can be empty or including letters only

last name at least two letters

Birth of Date

Day

Month

Year

2007

please choose from 1-31

please choose from Jan-Dec

year must be 4 numbers && between year 1894 to 2006.

Email Address

Email

2

email format: a@a.com

Citizenship Status

Foreigner

Passport Number

2

Passport Number requires 10 digits with letters like: AAA12345AA

CANADA/PR

Submit

when inputs are in-validated



# JSON File

```
▼ Object i
  ▼ CitizenshipStatus:
    ▶ CanadianAndPR: {streetname: '1603-3280 CORVETTE WAY ', cityname: 'Richmond ', postcode: 'V6X 0T9', province: 'BC', SIN: '1234567890'}
    ▶ Foreigner: {PassportNumber: 'AAA11111AA'}
    ▶ [[Prototype]]: Object
  ▼ birthOfDate:
    day: "3"
    month: "1"
    year: "2006"
    ▶ [[Prototype]]: Object
  ▼ emailAddress:
    email: "jackgao2020@yahoo.com"
    ▶ [[Prototype]]: Object
  ▼ studentname:
    firstname: "jack"
    lastname: "gao"
    middlename: ""
    ▶ [[Prototype]]: Object
  ▶ [[Prototype]]: Object
```



# Challenges 1

Student Record

Student Name

First Name

first name

Middle Name

middle name

Last Name

last name

Birth of Date

Day

Month

Year

year

margin and padding

Student Record

Student Name

First Name

jack

Middle Name

middle name

Last Name

gao

Email Address

Email

jackgao2020@yahoo.com

email format: a@a.com

Birth of Date

Day

3

Month

Jan

Year

2006

Citizenship Status

Foreigner

CANADA/PR

Address

Street Name

1603-3280 CORVETTE WAY

City Name

Richmond

Post Code

V6X 0T9

hard to re-organize all input if put them in diff box



## Challenges 2

```
// day
$("#day").on("change", function () {
  let userSelection = $("#day").find(":selected").val();

  if (
    userSelection == "1" ||
    userSelection == "2" ||
    userSelection == "3" ||
    userSelection == "4" ||
    userSelection == "5" ||
    userSelection == "6" ||
    userSelection == "7" ||
    userSelection == "8" ||
    userSelection == "9" ||
    userSelection == "10" ||
    userSelection == "11" ||
    userSelection == "12" ||
    userSelection == "13" ||
    userSelection == "14" ||
    userSelection == "15" ||
    userSelection == "16" ||
    userSelection == "17" ||
    userSelection == "18" ||
    userSelection == "19" ||
    userSelection == "20" ||
    userSelection == "21" ||
    userSelection == "22" ||
    userSelection == "23" ||
    userSelection == "24" ||
    userSelection == "25" ||
    userSelection == "26" ||
    userSelection == "27" ||
    userSelection == "28" ||
    userSelection == "29" ||
    userSelection == "30" ||
    userSelection == "31"
  ) {
    // ...
  }
});
```

do not know how to create a calendar  
is there a better way to write if statement

```
//country
$("#flexRadioDefault2").on("click", function () {
  $(".usaDetails").show();
  $(".canadaDetails").hide();

  readyToSubmit();
});
$("#flexRadioDefault1").on("click", function () {
  $(".canadaDetails").show();
  $(".usaDetails").hide();
});
```

change? click? blur? keyup?

```
function validNameWithoutNumbers(firstName) {
  if (firstName.includes(0)) {
    return false;
  } else if (firstName.includes(1)) {
    return false;
  } else if (firstName.includes(2)) {
    return false;
  } else if (firstName.includes(3)) {
    return false;
  } else if (firstName.includes(4)) {
    return false;
  } else if (firstName.includes(5)) {
    return false;
  } else if (firstName.includes(6)) {
    return false;
  } else if (firstName.includes(7)) {
    return false;
  } else if (firstName.includes(8)) {
    return false;
  } else if (firstName.includes(9)) {
    return false;
  } else {
    return true;
  }
}
```

another easy way to write variable without any number function





# Thank you

Jie Gao

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