INNOVATE. CREATE. SOLVE

Bengaluru, Karnataka, India

innovation.creation

AN
INTERNSHIP REPORT
ON

"Website for leaf now"

Bachelor of Engineering

In
Computer Science and Engineering

Submitted by: RAVINA N NAIK
(4SF20CS103)

**SAHYADRI COLLEGE OF ENGINEERING AND
MANAGEMENT, MANGALORE.**
2020-2021

ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

<u>Development</u> - We develop responsive, functional and super-fast websites.
We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

<u>Mobile Application</u> - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

<u>Design</u> - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

<u>Consultancy</u> - We are here to provide you with expert advice on your design and development requirement.

<u>Videos</u> - We create a polished professional video that impresses your audience.

TABLE OF CONTENTS

OVERVIEW OF THE PROJECT

Project Name: Website for LEAF NOW

Team Members: RAVINA N NAIK

SHAKEEB HUSSAIN

SIDDHANTH JAIN GN

SAMANTHA SOFIA

This project is based on Web Development And its Applications. The main objective of this project is to learn the implementation of HTML, CSS and JavaScript. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

Industrialization is the process by which an economy is transformed from a primarily agricultural one to one based on the manufacturing of goods. Individual manual labor is often replaced by mechanized mass production, and craftsmen are replaced by assembly lines.

Examples of industrialization are manufacturing (1900s)**,** mining (1930s), transportation (1950s), and retailing (1970s). The industrialization of the automobile is illustrative.

Industrialisation is the process of manufacturing consumer goods and capital goods and of building infrastructure in order to provide goods and services to both individuals and businesses.

IMPORTANCE OF NATURE

Nature gifts many benefits to humans. From air we breathe, water we drink and food we eat, nature enhances our well being and provides essentials for our survival.

The most obvious reason for conservation is to protect wildlife and promote biodiversity. Protecting wildlife and preserving it for future generations also means that the animals we love don't become a distant memory. And we can maintain a healthy and functional ecosystem.

The natural environment gives us a wealth of services that are difficult to measure in dollars. Natural areas help clean our air, purify our water, produce food and medicines, reduce chemical and noise pollution, slow floodwaters, and cool our streets.

Emerson says that nature is beautiful because it is alive, moving, reproductive. In nature we observe growth and development in living things, contrasted with the static or deteriorating state of the vast majority of that which is man-made.

Nature, this a gift from god to all humanity and yet still we destroy it, nature is a necessity to make our world look beautiful and spectacular and is also needed to grow all of our crops.

But the scientist don't think that we need it because they think that they can do it with science. But what they don't know that they are destroying this world, they are releasing dangerous chemicals that go up in the air and destroys the ozone layer.

People from all around the world does not know what is going on at the moment in the world, there is high amount of heatmoving around the world causing global warming, which causes the ice bergs at the artic and antartic to break down and melt which leads about hundreds of feets in earth which causes high amounts of water to spread around the world.

EFFECTS OF INDUSTRIALIZATION

The Industrial Revolution had many positive effects. Among those was an increase in wealth, the production of goods, and the standard of living. People had access to healthier diets, better housing, and cheaper goods. In addition, education increased during the Industrial Revolution.

The positive effects of Industrialization are that it made work cheaper, employed thousands of workers, and improved people's daily lives. Then the negative effects of Industrialization are exploitation of workers, overpopulation in urban cities and environmental damages.

The Industrial Revolution brought rapid urbanization or the movement of people to cities. Changes in farming, soaring population growth, and an ever-increasing demand for workers led masses of people to migrate from farms to cities.

Historians have identified several causes for the Industrial Revolution, including: the emergence of capitalism, European imperialism, efforts to mine coal, and the effects of the Agricultural Revolution. Capitalism was a central component necessary for the rise of industrialization.

Ways to Control or Reduce Industrial Pollution

1. Source Control. ...
2. Recycling. ...
3. Cleaning of Resources. ...
4. Industry Site Selection. ...
5. Proper Treatment of Industrial Waste. ...
6. Rebuilding Habitats and Afforestation. ...
7. Stricter Laws and Enforcement. ...
8. Regular Environmental Impact Assessments.

TOOLS USED

Software Requirements

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS (optional)
- Backend :Mongodb
- Linux 7.1 or Windows XP/7/8/10 OS or Mac OS

Hardware Requirements

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128 MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

IMPLEMENTATION

Source Code (JS):

Launch code:

```json
{
    // Use IntelliSense to learn about possible attributes.
    // Hover to view descriptions of existing attributes.
    // For more information, visit: https://go.microsoft.com/fwlink/?linkid=830387
    "version": "0.2.0",
    "configurations": [
        {
            "type": "pwa-node",
            "request": "launch",
            "name": "Launch Program",
            "skipFiles": [
                "<node_internals>/**"
            ],
            "program": "${workspaceFolder}\\server.js"
        },
        {

            "name": "Docker Node.js Launch",
            "type": "docker",
            "request": "launch",
            "preLaunchTask": "docker-run: debug",
            "platform": "node"
        }
    ]
}
```

TASKS:

```json
{
    "version": "2.0.0",
    "tasks": [
        {
            "type": "docker-build",
            "label": "docker-build",
            "platform": "node",
            "dockerBuild": {
```

```json
                "dockerfile": "${workspaceFolder}/Dockerfile",
                "context": "${workspaceFolder}",
                "pull": true
            }
        },
        {
            "type": "docker-run",
            "label": "docker-run: release",
            "dependsOn": [
                "docker-build"
            ],
            "platform": "node"
        },
        {
            "type": "docker-run",
            "label": "docker-run: debug",
            "dependsOn": [
                "docker-build"
            ],
            "dockerRun": {
                "env": {
                    "DEBUG": "*",
                    "NODE_ENV": "development"
                }
            },
            "node": {
                "enableDebugging": true
            }
        }
    ]
}
```

KEYS:

```js
module.exports = {
    MONGO : {
        URI : 'YOUR-MONGO-URI'
    },
    GMAIL : {
        EMAIL_ID : 'YOUR-EMAIL-ID',
        EMAIL_PASS : 'YOUR-EMAIL-PASSWORD',
```

```
            EMAIL_SECRET : 'EMAIL-SECRET'    //RANDOM
    },
    GOOGLE : {
        CLIENT_ID : 'GOOGLE-0AUTH-CLIENT-ID',
        CLIENT_SECRET : 'GOOGLE-0AUTH-CLIENT-SECRET'
    },
    SESSION : {
        COOKIE_KEY : 'COOKIE-KEY'    //RANDOM
    },
    baseUrl : 'BASE-URL'
}
```

PASSPORT SETUP:

```
const passport = require('passport');
const passportLocalMongoose = require('passport-local-mongoose');
const localStrategy = require("passport-local");
const GoogleStrategy = require('passport-google-oauth').OAuth2Strategy;
const keys = require('./keys');
const User = require('../utils/models/user-model');


passport.serializeUser((user, done) => {
    done(null, user.id);
});


passport.deserializeUser((id, done) => {
    User.findById(id, (err, user) => {
        done(err, user);
    })
});


passport.use(new localStrategy(User.authenticate()));


passport.use(new GoogleStrategy({
    //options for gs
    callbackURL: 'http://localhost:3000/auth/google/redirect',
    clientID: keys.GOOGLE.CLIENT_ID,
```

```javascript
        clientSecret: keys.GOOGLE.CLIENT_SECRET
    }, (accessToken, refreshToken, profile, done) => {
        //passport callback function
        // console.log(profile);
        User.findOne({googleID: profile.id}).then((currUser) => {
            if(currUser) {
                console.log("User Already Exists");
                done(null, currUser);
                // currUser.authenticate();
            } else {

                User.findOne({email: profile._json.email}, (err, user) => {
                    if(!user) {
                        if(profile._json.email_verified) {
                            new User({
                                name: profile.displayName,
                                googleID: profile.id,
                                email: profile._json.email,
                                username: profile._json.email,
                                hasVerifiedEmail: true
                            }).save().then((newUser) => {
                                // console.log(newUser);
                                // newUser.authenticate();
                                done(null, newUser);
                            });
                        } else {
                            console.log("Email not Verified, Please verify your email
from Google");
                        }
                    } else {
                        done('Already a user is present with same email. Try login wit
h Google.', null);
                    }
                })

            }
        });
    })
)
```

CSS:
CHECKOUT:

```css
{
    margin: 0;
    padding: 0;
    box-sizing: border-box;

}
html
{
    height: 100%;
    width: 100%;
    scroll-behavior: smooth;
}
body
{
    width: 100%;
    height: 100%;
    overflow-x: hidden;
    background-color: #CFFFE5;
}
header
{
    width: 100%;
    height: 50px;
    overflow:hidden;
    background-color: #9FE2BF;
    background-repeat: no-repeat;
    background-size: cover;

}
nav
{
    width: 100%;
    height:50px;
    background-color:#054996;
    display: flex;
    justify-content: space-between;
    align-items: center;
    box-shadow: 0 5px 2px -2px rgba(0,0,0,.2);
}
nav #logo
```

```css
{
    font-size: 30px;
    margin-left:50px;
    font-family: 'Do Hyeon', sans-serif;
    /* color: white; */
}
nav ul
{
    list-style: none;
}
nav ul li
{
    float: left;
    margin-right: 50px;
    cursor: pointer;
    font-size: 20px;
    color: black;
    text-transform: uppercase;
}
nav ul li a
{
    color: white;
}
a
{
    text-decoration: none;
    color: #1b1b1b;
}
.card-deck
{
    padding: 20px 20px 10px 20px ;
    width: 100vw;
    display: flex;
    justify-content: space-around;
    /* background-color: rgb(240, 238, 238); */
}
.card
{
    transition: box-shadow 350ms ease-in;
    width: 300px !important;
}
.card img
{
```

```css
        max-width: 100%;
}
.card-body span
{
    text-align: center !important;
    width: 100% !important;
    color: #054996;
}
.card:hover
{
    box-shadow: 0px 0px 10px 1px rgb(109, 108, 108);
}
.card-link
{
    color: #1b1b1b;
}
.card-link:hover
{
    text-decoration: none;
    color: #1b1b1b;
}
#forms
{
    position: relative;
    width: 100%;
    height: 430px;
    background-color: #9FE2BF;

}
form
{
    width: 500px;
    height: 370px;
    background-color: #9FE2BF;
    position: absolute;
    top: 0%;
    left: 50%;
    transform: translate(-50%,-0%);
    padding: 15px 25px;
    margin-top: 20px;
}
#form2
{
```

```css
    height: 520px;
}
#info
{
    width: 100%;
    margin-bottom: 20px;
}
#info h1
{
    font-size: 25px;
    text-transform: uppercase;
    letter-spacing: 1px;
    color:#054996;
    text-align: center;
    font-weight: bold;
}
#info h5
{
    font-size: 16px;
    color: rgb(90, 89, 89);
    text-align: center;
    font-weight: 500;
}
.input
{
    width: 100%;
    margin-bottom: 10px;
}
input
{
    border: none;
    width: 70%;
    height: 30px;
    outline: none;
    padding-left: 10px;
}
.input div
{
    width: 70%;
    display: inline-block;

}
#qr label
```

```css
{
    display: flex;
}
#qr img
{
    width: 200px;
    margin-left: 25px;
}
.label-for-input
{
    width: 100%;
}
.label-for-input>span
{
    display: inline-block;
    width: 20%;
    font-size: 20px;
    font-weight: 500;
}
#submit
{
    width: 100%;
}
input[type=submit]
{
    height: 40px;
    position: absolute;
    background-color:#054996;
    color: white;
    left: 50%;
    transform: translateX(-50%);
    margin-top: 10px;
    font-size: 18px;
    padding-left: 0px;
    border-radius: 5px;
    cursor: pointer;
}
input:focus
{
    border-bottom: 3px solid #3A96FF;
}
#copy
{
```

```css
    background-color: #1b1b1b;
    width: 100vw;
    margin-left: -200px;
    padding-top: 10px;
    height: 40px;
}
```

LOGIN:

```css
body
{
    margin: 0;
    padding: 0;
    background-color:#6abadeba;
    font-family: 'Arial';
}
.login{
        width: 382px;
        overflow: hidden;
        margin: auto;
        margin: 20 0 0 450px;
        padding: 80px;
        background: #23463f;
        border-radius: 15px ;


}
h2{
    text-align: center;
    color: #277582;
    padding: 20px;
}
label{
    color: #08ffd1;
    font-size: 17px;
}
#Uname{
    width: 300px;
    height: 30px;
    border: none;
    border-radius: 3px;
    padding-left: 8px;
```

```css
        margin: 10px;
}
#Pass{
    width: 300px;
    height: 30px;
    border: none;
    border-radius: 3px;
    padding-left: 8px;
    margin: 10px;


}
#log{
    width: 330px;
    height: 30px;
    border: none;
    border-radius: 17px;
    padding-left: 7px;
    color: blue;
    margin: auto;



}
span{
    color: white;
    font-size: 17px;
}
a{
    float: right;
    color: aliceblue;
}
p {
    color: aliceblue;
}
```

MAIN:

```css
body{
    background-image: url("https://cdn.wallpapersafari.com/53/2/qTRpw3.jpg");
    background: #CFFFE5;
    font-family: arial;
    margin: 50px;
}
```

```css
h1{
    color: #000
}
.secondary{
    color: black;
    padding: 10px;
}
a{
    color: red;
}
.third{
    font-size: 30px;
}
```

SUCMAIN:

```css
body{
    background: #000502;
    font-family: arial;
    margin: 50px;
}
#textbox{
    display: flex;
    justify-content: space-between;
}
a{
    color: black;
}
.grid-container {
    display: inline-grid;
    grid-template-columns: auto auto auto;
    margin : 50px;
 }
  img {
    width: 500px;
    height: 300px;
    object-fit: cover;
    /* margin : 10px; */
    margin-left: 10px;
    margin-right: 10px;
    margin-top: 80px;
    margin-bottom: 15px;
```

```
}
#box {

    margin-left: 10px;
    margin-right: 10px;
    margin-top: 50px;
    margin-bottom: 50px;
}
```

IMPLEMENTATION

Snapshots :

LEAF NOW

| Home | Service | Contact Us | Logout | Login | About Us | | Cart | Logged In as : ABC |

Our Collection

Plants

Succulents

Orchids

Vegetable Garden

Login Page

Your Email :

Email

Password :

Password

Sign in

Sign in with Google

Not Registered?   Register here

SignUp Page

Your Name :

Your Name

Your Email :

Email Id

Password :

Password

Sign Up Here

SignUp with Google

Already a User?   Login here

ORCHIDS

Home   Service   Contact Us   Login   About Us

BULBOPHYLLUM MEDUSAE

Buy   Add to Cart

BULBOPHYLLUM UMBELLATUM

Buy   Add to Cart

DENDROBIUM CUMULATUM

Buy   Add to Cart

BIBLIOGRAPHY

- https://www.w3schools.com
- https://www.geeksforgeeks.org
- https://freefrontend.com

About my TEAM

1. RAVINA NAIK : signup page and report.

2. SAMANTHA SOPHIA : collecting information and report.

3. SHAKEEB HUSSAIN : completion of backend and report.

4. SIDDHANTH JAIN GN : login page and report.