

# Project Development Phase Sprint-1

## source code

Date	05 November 2022
Team ID	PNT2022TMID00314
Project Name	Natural Disaster Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	8 Marks

## Home.html

```
<!DOCTYPE html>
<html >
<head>
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-
scale=1">

<title>AI based Natural Disaster Analysis</title>
<link href='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo'
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>
<link
href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:3
00' rel='stylesheet' type='text/css'>
<!link rel="stylesheet" href="{ url_for('static',
```

```
filename='css/style.css') }}">

<link
href='https://fonts.googleapis.com/css?family=Merriweather'
rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=JosefinSans'
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat'
rel='stylesheet'>
<style>
.header {
top: 0px;
margin:0px;
left: 0px;
right: 0px;
position: fixed;
background-color: hsl(222, 34%, 53%);
color: white;
box-shadow: 0px 8px 4px rgb(140, 234, 234);
overflow: hidden;
padding-left:20px;
font-family: 'Josefin Sans';
font-size: 2vw;
width: 100%;
height:10%;
text-align: center;
}
.topnav {
overflow: hidden;
background-color: rgb(179, 43, 43);
}
.topnav-right a {
float: left;
color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 18px;
}
.topnav-right a:hover {
background-color: #ddd;
color: black;
}
.topnav-right a.active {
background-color: #b1eff1;
color: white;
}
}
```

```
.topnav-right {
float: right;
padding-right:100px;
}
.login{
margin-top:-70px;
}
body {
background-color:rgb(239, 251, 251);
background-repeat: no-repeat;
background-size:cover;
background-position: 0px 0px;
}
.login
{
margin-top:100px;
}
form {background-color:rgb(229, 219, 227); border: 1px solid #2b2929;
margin-left:400px;margin-right:400px}
input[type=text],
input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px;
display: inline-block;
margin-bottom:18px;
border: 1px solid rgb(252, 250, 252);
box-sizing: border-box;
}
button {
background-color: hsl(108, 63%, 56%);
color: rgb(253, 252, 252);
padding: 14px 20px;
margin-bottom:8px;
border: none;
cursor: pointer;
width: 100%;
font-weight:bold;
}
button:hover {
opacity: 0.8;
}
.cancelbtn {

width: auto;
padding: 10px 18px;
background-color: #f44336;
}
```

```

.imgcontainer {
text-align: center;
margin: 24px 0 12px 0;
}
img.avatar {
width: 50%;
border-radius: 50%;
}
.container {
padding: 16px;
}
span.psw {
float: right;
padding-top: 16px;
}
/* Change styles for span and cancel button on extra small
screens*/
@media screen and (max-width: 300px) {
span.psw {
display: block;
float: none;
}
.cancelbtn {
width: 100%;
}
}
img {
display: block;
margin-left: auto;
margin-right: auto;
}
</style>
</head>
<body style="font-family:Montserrat;">
<div class="header">
<div style="width:50%; float:left; font-size:2vw; text-align:left;
color:rgb(249, 245, 245); padding-top:1%">AI Based Natural Disaster
Analysis</div><div
class="topnav-right" style="padding-top:0.5%;">
<a class="active" href="{ { url_for('index') }}">Home</a>
<a href="{ { url_for('Login') }}">Introduction</a>
<a href="{ { url_for('register') }}">Open with webcam</a>
</div>
</div>

<div id="login" class="login"> </div>

<br>

```

```

<br>
<br>


</body>
</html>

```

## Intro.html:

```

<!DOCTYPE html>
<html >
<head>
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-
scale=1">

<title>AI based Natural Disaster Analysis</title>
<link href='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo'
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>
<link
href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:3
00' rel='stylesheet' type='text/css'>
<link rel="stylesheet" href="{ url_for('static',
filename='css/style.css') }}">

<link
href='https://fonts.googleapis.com/css?family=Merriweather'
rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=JosefinSans'
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat'
rel='stylesheet'>
<style>
.header {
top: 0px;
margin:0px;
left: 0px;
right: 0px;

```

```
position: fixed;
background-color: hsl(222, 34%, 53%);
color: white;
box-shadow: 0px 8px 4px rgb(140, 234, 234);
overflow: hidden;
padding-left: 20px;
font-family: 'Josefin Sans';
font-size: 2vw;
width: 100%;
height: 10%;
text-align: center;
}
.topnav {
overflow: hidden;
background-color: rgb(179, 43, 43);
}
.topnav-right a {
float: left;
color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 18px;
}
.topnav-right a:hover {
background-color: #ddd;
color: black;
}
.topnav-right a.active {
background-color: #b1eff1;
color: white;
}

.topnav-right {
float: right;
padding-right: 100px;
}
.login {
margin-top: -70px;
}
body {
background-color: rgb(239, 251, 251);
background-repeat: no-repeat;
background-size: cover;
background-position: 0px 0px;
}
.login
{
```

```

margin-top:100px;
}
form {background-color:rgb(229, 219, 227); border: 1px solid #2b2929;
margin-left:400px;margin-right:400px}
input[type=text],
input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px;
display: inline-block;
margin-bottom:18px;
border: 1px solid rgb(252, 250, 252);
box-sizing: border-box;
}
button {
background-color: hsl(108, 63%, 56%);
color: rgb(253, 252, 252);
padding: 14px 20px;
margin-bottom:8px;
border: none;
cursor: pointer;
width: 100%;
font-weight:bold;
}
button:hover {
opacity: 0.8;
}
.cancelbtn {

width: auto;
padding: 10px 18px;
background-color: #f44336;
}
.imgcontainer {
text-align: center;
margin: 24px 0 12px 0;
}
img.avatar {
width: 50%;
border-radius: 50%;
}
.container {
padding: 16px;
}
span.psw {
float: right;
padding-top: 16px;
}
/* Change styles for span and cancel button on extra small

```

```

screens*/
@media screen and (max-width: 300px) {
span.psw {
display: block;
float: none;
}
.cancelbtn {
width: 100%;
}
}
img {
display: block;
margin-left: auto;
margin-right: auto;
}

p {
word-spacing: 5px;}

</style>
</head>
<body style="font-family:Montserrat;">
<div class="header">
<div style="width:50%; float:left; font-size:2vw; text-align:left;
color:rgb(249, 245, 245); padding-top:1%">AI Based Natural Disaster
Analysis</div><div
class="topnav-right" style="padding-top:0.5%;">
<a href="{ { url_for('index') }}">Home</a>
<a class="active"href="{ { url_for('Login') }}">Introduction</a>
<a href="{ { url_for('register') }}">Open with webcam</a>
</div>
</div>

<div id="login" class="login"> </div>

<p>
A natural disaster is "the negative impact following an actual occurrence
of natural hazard in the event that it significantly harms a community". A
natural disaster can cause loss of life or damage property, and typically
leaves some economic damage in its wake. The severity of the damage depends on
the affected population's resilience and on the infrastructure available.
Examples of natural hazards include: avalanche, coastal flooding, cold wave,
drought, earthquake, hail, heat wave, hurricane (tropical cyclone), ice storm,
landslide, lightning, riverine flooding, strong wind, tornado, typhoon,
tsunami, volcanic activity, wildfire, winter weather.

In modern times, the divide between natural, man-made and man-accelerated
disasters is quite difficult to draw. Human choices and activities like

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architecture, fire, resource management or even climate change potentially play a role in causing "natural disasters". In fact, the term "natural disaster" has been called a misnomer already in 1976. A disaster is a result of a natural or man-made hazard impacting a vulnerable community. It is the combination of the hazard along with exposure of a vulnerable society that results in a disaster.

Natural disasters can be aggravated by inadequate building norms, marginalization of people, inequities, overexploitation of resources, extreme urban sprawl and climate change. The rapid growth of the world's population and its increased concentration often in hazardous environments has escalated both the frequency and severity of disasters. With the tropical climate and unstable landforms, coupled with deforestation, unplanned growth proliferation, non-engineered constructions make the disaster-prone areas more vulnerable. Developing countries suffer more or less chronically from natural disasters due to ineffective communication combined with insufficient budgetary allocation for disaster prevention and management.

An adverse event will not rise to the level of a disaster if it occurs in an area without vulnerable population. In a vulnerable area, however, such as Nepal during the 2015 earthquake, an adverse event can have disastrous consequences and leave lasting damage, which can take years to repair. The disastrous consequences also affect the mental health of affected communities, often leading to post-traumatic symptoms. These increased emotional experiences can be supported through collective processing, leading to resilience and increased community engagement.

</p>

</body>

</html>

## Upload.html

```
<!DOCTYPE html>
<html >
<head>
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-
scale=1">

<title>AI based Natural Disaster Analysis</title>
<link href='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo'
rel='stylesheet' type='text/css'>
```

```
<link href='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>
<link
href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:3
00' rel='stylesheet' type='text/css'>
<!link rel="stylesheet" href="{{ url_for('static',
filename='css/style.css') }}">

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href='https://fonts.googleapis.com/css?family=Merriweather'
rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=JosefinSans'
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat'
rel='stylesheet'>
<style>
.header {
top: 0px;
margin:0px;
left: 0px;
right: 0px;
position: fixed;
background-color: hsl(222, 34%, 53%);
color: white;
box-shadow: 0px 8px 4px rgb(140, 234, 234);
overflow: hidden;
padding-left:20px;
font-family: 'Josefin Sans';
font-size: 2vw;
width: 100%;
height:10%;
text-align: center;
}
.topnav {
overflow: hidden;
background-color: rgb(179, 43, 43);
}
.topnav-right a {
float: left;
color: #f2f2f2;
text-align: center;
padding: 14px 16px;
text-decoration: none;
font-size: 18px;
}
.topnav-right a:hover {
background-color: #ddd;
```

```
color: black;
}
.topnav-right a.active {
background-color: #b1eff1;
color: white;
}

.topnav-right {
float: right;
padding-right:100px;
}
.login{
margin-top:-70px;
}
body {
background-color:rgb(239, 251, 251);
background-repeat: no-repeat;
background-size:cover;
background-position: 0px 0px;
}
.login
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margin-top:100px;
}
form {background-color:rgb(229, 219, 227); border: 1px solid #2b2929;
margin-left:400px;margin-right:400px}
input[type=text],
input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px;
display: inline-block;
margin-bottom:18px;
border: 1px solid rgb(252, 250, 252);
box-sizing: border-box;
}
button {
background-color: hsl(108, 63%, 56%);
color: rgb(253, 252, 252);
padding: 14px 20px;
margin-bottom:8px;
border: none;
cursor: pointer;
width: 100%;
font-weight:bold;
}
button:hover {
opacity: 0.8;
}
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```

.cancelbtn {
width: auto;
padding: 10px 18px;
background-color: #f44336;
}
.imgcontainer {
text-align: center;
margin: 24px 0 12px 0;
}
img.avatar {
width: 50%;
border-radius: 50%;
}
.container {
padding: 16px;
}
span.psw {
float: right;
padding-top: 16px;
}
/* Change styles for span and cancel button on extra small
screens*/
@media screen and (max-width: 300px) {
span.psw {
display: block;
float: none;
}
.cancelbtn {
width: 100%;
}
}
img {
display: block;
margin-left: auto;
margin-right: auto;
}
p {text-align: center;}
p {
word-spacing: 5px;}

</style>
</head>
<body style="font-family:Montserrat;">
<div class="header">
<div style="width:50%; float:left; font-size:2vw; text-align:left;
color:rgb(249, 245, 245); padding-top:1%">AI Based Natural Disaster
Analysis</div><div>

```

```
class="topnav-right" style="padding-top:0.5%;">
<a href="{{ url_for('index')}}">Home</a>
<a href="{{ url_for('Login')}}">Introduction</a>
<a class="active" href="{{ url_for('register')}}">Open with webcam</a>
</div>
</div>

<div id="login" class="login"> </div>

<br>

</body>
</html>
```