**about.html**

{% extends "layout.html" %}

{% block content %}

<center><h3>

<p>Fetal Health is the indicator of fetal wellbeing and regular contact in the uterus of pregnant women during pregnancy.

Most pregnancy period complication leads fetus to a severe problem which restricts proper growth that causes

impairment or death. Safe pregnancy period by predicting risk levels before the occasion of complications encourage

proper fetal growth. Prediction of fetal health state from a set of pre-classified patterns knowledge is a common

important in developing a predictive classifier model using data mining algorithms. In this paper the University of

California Irvine (UCI) Cardiotocogram (CTG) dataset is the source of information required for building a model which

predicts whether the fetal is healthy or unhealthy. It consists of 2126 instances with 22 attributes obtained from FHR and

UC which are multivariate datatypes. The major goal of this study is to choose efficient data mining algorithm which

develops the accurate predictive model to manage knowledge of fetal health during pregnancy.</p>

{% endblock content %}

**home.html**

<!DOCTYPE html>

<html lang="en">

<head>

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='main.css') }}">

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

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='login.css') }}">

<title>{{ title }}</title>

</head>

<body>

<div class="topnav">

<a href="about"><button>About</button></a>

<a href="user\_login"><button onclick="document.getElementById('id01').style.display='block'">User</button></a>

<!--a href="doctor\_login"><button onclick="document.getElementById('id02').style.display='block'">Doctor</button></a-->

<a href="/home"><button class="active">Home</button></a>

</div>

<h1><center>Fetal Health Prediction Using Machine Learning</center></h1>

<center>

<div class="slideshow-container">

<div class="mySlides fade">

<img src="{{url\_for('static', filename='1.jpg')}}" align="middle" style="width:1000px;height:400px;"/>

</div>

<div class="mySlides fade">

<img src="{{url\_for('static', filename='2.jpg')}}" align="middle"

style="width:1000px;height:400px;"/>

</div>

<div class="mySlides fade">

<img src="{{url\_for('static', filename='3.jpg')}}" align="middle" style="width:1000px;height:400px;"/>

</div>

<div class="mySlides fade">

<img src="{{url\_for('static', filename='4.jpg')}}" align="middle" style="width:1000px;height:400px;"/>

</div>

<div class="mySlides fade">

<img src="{{url\_for('static', filename='5.jpg')}}" align="middle" />

</div>

</div>

</center>

<br>

<div style="text-align:center">

<span class="dot"></span>

<span class="dot"></span>

<span class="dot"></span>

<span class="dot"></span>

</div>

<script src="{{url\_for('static', filename='login.js')}}"></script>

<script src="{{url\_for('static', filename='main.js')}}"></script>

</body>

</html>

**layout.html**

<!DOCTYPE html>

<html lang="en">

<head>

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='main.css') }}">

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

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='login.css') }}">

<title>Title</title>

</head>

<body>

<div class="topnav">

<a href="about"><button>About</button></a>

<a href="user\_login"><button onclick="document.getElementById('id01').style.display='block'">User</button></a>

<!--a href="doctor\_login"><button onclick="document.getElementById('id02').style.display='block'">Admin</button></a-->

<a href="/home"><button class="active">Home</button></a>

</div>

<center><h1>Fetal Health Prediction Using Machine Learning</h1></center>

{% block content %}{% endblock %}

</body>

</html>

**Search.html**

{% extends "layout.html" %}

{% block content %}

<form action = "/analyse" method = "post" enctype="multipart/form-data">

<input class="btn btn-outline-info" type="file" name="file1" />

<input class="btn btn-outline-info" type="file" name="file2" />

<input class="btn btn-outline-info" type = "submit" value="predict">

</form>

<center>{% with messages = get\_flashed\_messages() %}

{% if messages %}

<ul class="flashes">

{% for message in messages %}

<div class="message\_flash">{{ message }}</div>

{% endfor %}

</ul>

{% endif %}

{% endwith %}</center>

{% endblock content %}

**User\_account.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='account.css') }}">

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='login.css') }}">

<link rel="stylesheet" type="text/css" href="{{ url\_for('static', filename='main.css') }}">

<title>Title</title>

</head>

<body>

<div class="topnav">

<a class="active" href>

<a class="active" href="/logout">logout</a></a>

</div>

<center>{% with messages = get\_flashed\_messages() %}

{% if messages %}

<ul class="flashes">

{% for message in messages %}

<div class="message\_flash">{{ message }}</div>

{% endfor %}

</ul>

{% endif %}

{% endwith %}</center>

<div class="container">

<br>

<br>

<center>

<form action = "/predict" method = "post" enctype="multipart/form-data">

<label for="psw"><b></b></label> baseline\_value <input type="text" placeholder="" name="baseline\_value" ><br>

<label for="psw"><b></b></label> accelerations <input type="text" placeholder="" name="accelerations" ><br>

<label for="psw"><b></b></label> fetal\_movement <input type="text" placeholder="" name="fetal\_movement" ><br>

<label for="psw"><b></b></label> uterine\_contractions <input type="text" placeholder="" name="uterine\_contractions" ><br>

<label for="psw"><b></b></label> light\_decelerations <input type="text" placeholder="" name="light\_decelerations" ><br>

<label for="psw"><b></b></label> severe\_decelerations <input type="text" placeholder="" name="severe\_decelerations" ><br>

<br>

<br>

<button type="submit">Predict</button>

</form></center>

</div>

</body>

</html>

**User login.html**

{% extends "layout.html" %}

{% block content %}

<center>{% with messages = get\_flashed\_messages() %}

{% if messages %}

<ul class="flashes">

{% for message in messages %}

<div class="message\_flash">{{ message }}</div>

{% endfor %}

</ul>

{% endif %}

{% endwith %}</center>

<form action="/user\_login" method="post">

<div class="container">

<label for="email"><b>User name</b></label>

<input type="text" placeholder="Enter Email" name="email" >

<label for="psw"><b>Password</b></label>

<input type="password" placeholder="Enter Password" name="psw" >

<button type="submit">Login</button>

<label><b>New user</b></label>

<a href="/user\_register" class ='btn2' type="submit">register</a>

</div>

</form>

{% endblock content %}

</body>

</html>

**User\_register.html**

{% extends "layout.html" %}

{% block content %}

<form action="/user\_register" method="post">

<div class="container">

<label for="uname"><b>Username</b></label>

<input type="text" placeholder="Enter Name" name="uname" >

<label for="email"><b>Email id</b></label>

<input type="text" placeholder="Enter Email" name="email" >

<label for="psw"><b>Password</b></label>

<input type="password" placeholder="Enter Password" name="psw" >

<!--<label for="gender"><b>gender</b></label>

<input type="text" placeholder="" name="gender" />-->

<label for="gender"><b>Choose a Gender:</b></label>

<select id="gender" name="gender">

<!--<option value="male">male</option>-->

<option value="female">female</option>

</select><br>

<br>

<!--<label for="age"><b>Age</b></label>

<input type="text" placeholder="Enter your age" name="age" />-->

<label for="age"><b>Choose a age:</b></label>

<select id="age" name="age">

<option value="15">15</option>

<option value="16">16</option>

<option value="17">17</option>

<option value="18">18</option>

<option value="19">19</option>

<option value="20">20</option>

<option value="21">21</option>

<option value="22">22</option>

<option value="23">23</option>

<option value="24">24</option>

<option value="25">25</option>

<option value="26">26</option>

<option value="27">27</option>

<option value="28">28</option>

<option value="29">29</option>

<option value="30">30</option>

<option value="31">31</option>

<option value="32">32</option>

<option value="33">33</option>

<option value="34">34</option>

<option value="35">35</option>

<option value="36">36</option>

<option value="37">37</option>

<option value="38">38</option>

<option value="39">39</option>

<option value="40">40</option>

</select><br>

<br>

<button type="submit">Submit</button>

</div>

</form>

{% endblock content %}

**Fetal\_database.txt**

name varchar(20) DEFAULT NULL,

email varchar(50) DEFAULT NULL,

password varchar(20) DEFAULT NULL,

gender varchar(10) DEFAULT NULL,

age int(11) DEFAULT NULL