

```
<!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">

<!--Bootstrap -->

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min
.css"
integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJISAwIGgF
AW/dAiS6JXm" crossorigin="anonymous">

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-KJ302DKtIkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGf
F93hXpG5KkN" crossorigin="anonymous"></script>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper
.min.js"
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPsk
vXusvfa0b4Q" crossorigin="anonymous"></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.j
s"
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUa
r5+76PVCmY1" crossorigin="anonymous"></script>

<script src="https://kit.fontawesome.com/8b9cdc2059.js"
crossorigin="anonymous"></script>

<link
href="https://fonts.googleapis.com/css2?family=Akronim&family=Roboto&di
```

```
splay=swap" rel="stylesheet">
<link rel="stylesheet" href="style.css">
<!-- <script defer src="main.js"></script> -->
<title>Virtual Eye</title>
</head>
<body>
<header id="head" class="header">
<section
id="navbar">
<h1 class="nav-heading"></i>Virtual Eye</h1>
<div class="nav--items">
<ul>
<li><a
href="index.html">Home</a></li>
<li><a href="login.html">Login</a></li>
<li><a href="register.html">Register</a></li>
<li><a href="prediction.html">Demo</a></li>
</ul>
</div>
</section>
<section id="slider">
<div id="carouselExampleIndicators" class="carousel"
| data-ride="carousel">
<ol class="carousel-indicators ">
<li data-target="#carouselExampleIndicators"
data-slide-to="0" class="active "></li>
<li data-target="#carouselExampleIndicators"
data-slide-to="1"></li>
<li data-target="#carouselExampleIndicators"
data-slide-to="2"></li>
</ol>
```

```
<div class="carousel-inner">
<div class="carousel-item active">

</div>
<div class="carousel-item">

</div>
<div class="carousel-item">

</div>
</div>
<a class="carousel-control-prev"
href="#carouselExampleIndicators" role="button" data-slide="prev">
<span class="carousel-control-prev-icon"
aria-hidden="true"></span>
</a>
<span class="sr-only">Previous</span>
<a class="carousel-control-next"
href="#carouselExampleIndicators" role="button" data-slide="next">
<span class="carousel-control-next-icon"
aria-hidden="true"></span>
<span class="sr-only">Next</span>
</a>
</div>
</section>
</header>
<section id="about">
<div class="top">
```

<h3 class="title text-muted">

ABOUT PROJECT

</h3>

<div class="line"></div>

</div>

<div class="body">

<div class="left">

<h2>Problem:</h2>

<p>

Swimming is one of the best exercises that helps people to reduce stress in this urban lifestyle. Swimming pools are found larger in number in the hotels, weekend tourist spots and barely people have in their house backyard. Beginners, especially often feel it difficult to breathe under water and causes breathing trouble which in turn cause a drowning accident. Worldwide, drowning produces a higher rate of mortality without causing injury to children. Children under six of their age are found to be suffering the highest drowning mortality rates worldwide..Such kinds of deaths account for the third cause of unplanned death globally, with about 1.2 million cases yearly.

</p>

</div>

<div class="left">

<h2>Solution:</h2>

<p>

To overcome the conflict, a meticulous system is to be implemented along the swimming pools to save the human life. By studying body movement patterns and connecting cameras to an artificial intelligence (AI) system we can devise an underwater pool safety system that reduces the risk of drowning. Usually such systems can be developed by installing more than 16 cameras underwater and ceiling and

analysing the video feeds to detect any anomalies but AS a POC we make use of one camera that streams the video underwater and analyses the position of swimmers to assess the probability of drowning,if it is higher than an alert will be generated to attract lifeguards attention.

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</p>

</div>

</div>

<div class="bottom">

<p><b>

Note: The system is not designed to replace a lifeguard or other human monitor, but to act as an additional tool. "It helps the lifeguard to detect the underwater situation where they can't easily observe.

</b></p>

</div>

</section>

<section id="footer">

<p>Copyright © 2021. All Rights Reserved</p>

<div class="social">

<a href="#" target="\_blank"><i class="fab fa-2x fa-twitter-square"></i></a>

<a href="#" target="\_blank">

<i class="fab fa-2x

<a href="#">

</a>

<i class="#"></i>

fa-linkedin"></i></a>

</div>

</section>

</body>

</html>