HTML CODE FOR WEB PAGE CREATION:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
  <title>PEC_WebApp_VideoTemplate</title>
  <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css">
  k rel="stylesheet" href="https://use.fontawesome.com/releases/v5.12.0/css/all.css">
  link rel="stylesheet" href="assets/css/Banner-Heading-Image.css">
  k rel="stylesheet" href="assets/css/Navbar-Centered-Brand.css">
  k rel="stylesheet" href="assets/css/styles.css">
</head>
<body style="background: rgb(39,43,48);">
  <nav class="navbar navbar-light navbar-expand-md py-3" style="background: #212529;">
    <div class="container">
       <div></div><a class="navbar-brand d-flex align-items-center" href="#"><span</pre>
            class="bs-icon-sm bs-icon-rounded bs-icon-primary d-flex justify-content-center
align-items-center me-2 bs-icon"><i
              class="fas fa-flask"></i></span><span style="color: rgb(255,255,255);">Real-
Time Communication
            System Powered By AI For Specially Abled</span></a>
       <div></div>
    </div>
  </nav>
  <section>
    <div class="d-flex flex-column justify-content-center align-items-center">
       <div class="d-flex flex-column justify-content-center align-items-center" id="div-video-</pre>
feed"
         style="width: 640px;height: 480px;margin: 10px;min-height: 480px;min-width:
640px;border-radius: 10px;border: 4px dashed rgb(255,255,255);">
         <img src="{{ url_for('video_feed') }}" style="width: 100%;height: 100%;color:</pre>
rgb(255,255,255);text-align: center;font-size: 20px;"
            alt="Camera Access Not Provided!">
       </div>
    <div class="d-flex flex-column justify-content-center align-items-center" style="margin-</pre>
bottom: 10px;"><button
         class="btn btn-info" type="button" data-bs-target="#modal-1" data-bs-
toggle="modal">Quick Reference
         -<strong> ASL Alphabets</strong></button></div>
```

```
</section>
  <section>
     <div class="container">
       <div class="accordion text-white" role="tablist" id="accordion-1">
         <div class="accordion-item" style="background: rgb(33,37,41);">
            <h2 class="accordion-header" role="tab"><button class="accordion-button" data-
bs-toggle="collapse"
                 data-bs-target="#accordion-1 .item-1" aria-expanded="true"
                 aria-controls="accordion-1 .item-1"
                 style="background: rgb(39,43,48);color: rgb(255,255,255);">About The
Project</button></h2>
            <div class="accordion-collapse collapse show item-1" role="tabpanel" data-bs-</pre>
parent="#accordion-1">
              <div class="accordion-body">
                 Artificial Intelligence has made it possible to handle our
daily activities
                   in new and simpler ways. With the ability to automate tasks that normally
require human
                   intelligence, such as speech and voice recognition, visual perception,
predictive text
                   functionality, decision-making, and a variety of other tasks, AI can assist
people with
                   disabilities by significantly improving their ability to get around and
participate in
                   daily activities.<br/>
<br/>
Currently, Sign Recognition is available
<strong>only for
                     alphabets A-I</strong> and not for J-Z, since J-Z alphabets also require
Gesture
                   Recognition for them to be able to be predicted correctly to a certain degree
of
                   accuracy.
              </div>
            </div>
         </div>
         <div class="accordion-item" style="background: rgb(33,37,41);">
            <h2 class="accordion-header" role="tab"><button class="accordion-button"
collapsed"
                 data-bs-toggle="collapse" data-bs-target="#accordion-1 .item-2" aria-
expanded="false"
                 aria-controls="accordion-1 .item-2"
                 style="background: rgb(39,43,48);color: rgb(231,241,255);">Developed
By</button></h2>
            <div class="accordion-collapse collapse item-2" role="tabpanel" data-bs-</pre>
parent="#accordion-1">
              <div class="accordion-body">
                 Students at PEC
```

```
Program. <br/>
<br/>
- l. <strong>Harini Priya</strong> 2019PECCS126<br/>
- br>2.
                   <strong>Desappriya</strong> 2019PECCS112<br>>3.
<strong>Madhumitha</strong> 2019PECCS147<br/>dbr>3. <strong> Vaishmitha</strong>
2019PECCS110
                 </div>
            </div>
          </div>
       </div>
     </div>
  </section>
  <div class="modal fade" role="dialog" tabindex="-1" id="modal-1">
     <div class="modal-dialog" role="document">
       <div class="modal-content">
          <div class="modal-header">
            <h4 class="modal-title">American Sign Language - Alphabets</h4><button
type="button"
              class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
          </div>
          <div class="modal-body"><img src="{{ url_for('static',</pre>
filename='img/ASL_Alphabets.png') }}" width="100%"></div>
          <div class="modal-footer"><button class="btn btn-secondary" type="button"</pre>
              data-bs-dismiss="modal">Close</button></div>
       </div>
     </div>
  </div>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
CSS USED:
.bs-icon {
 --bs-icon-size: .75rem;
 display: flex;
 flex-shrink: 0;
 justify-content: center;
 align-items: center;
 font-size: var(--bs-icon-size);
 width: calc(var(--bs-icon-size) * 2);
 height: calc(var(--bs-icon-size) * 2);
```

```
color: var(--bs-primary);
.bs-icon-xs {
 --bs-icon-size: 1rem;
 width: calc(var(--bs-icon-size) * 1.5);
 height: calc(var(--bs-icon-size) * 1.5);
.bs-icon-sm {
 --bs-icon-size: 1rem;
.bs-icon-md {
 --bs-icon-size: 1.5rem;
.bs-icon-lg {
 --bs-icon-size: 2rem;
.bs-icon-xl {
 --bs-icon-size: 2.5rem;
.bs-icon.bs-icon-primary {
 color: var(--bs-white);
 background: var(--bs-primary);
}
.bs-icon.bs-icon-primary-light {
 color: var(--bs-primary);
 background: rgba(var(--bs-primary-rgb), .2);
.bs-icon.bs-icon-semi-white {
 color: var(--bs-primary);
 background: rgba(255, 255, 255, .5);
.bs-icon.bs-icon-rounded {
 border-radius: .5rem;
.bs-icon.bs-icon-circle {
 border-radius: 50%;
```

```
.fit-cover {
  object-fit: cover;
}
```