Detailed Explanation of the HTML File

This HTML file represents a webpage for the Unmesh Mashruwala Innovation Cell (UMIC) at IIT Bombay. The page showcases the team's projects, specifically focusing on autonomous vehicles like drones, and highlights their achievements. Below is a breakdown of each section of the HTML file:

1 Structure Overview

- **DOCTYPE Declaration**: Defines the document type and version of HTML (`<!DOCTYPE html>`).

- **HTML Tag**: The root element of the HTML document (`<html lang="en">`).

- **Head Section**: Contains metadata, links to stylesheets, and the title of the document.

- **Body Section**: Contains the content visible to users, including sections, navigation, and scripts.

2 Head Section

```
<head>
    <title>Document</title>
    <link href="http://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.3.0/css/font-awesome.cs
    <link rel="stylesheet" href="styles.css">
</head>
```

- **Purpose**: The `<title>` sets the title of the webpage shown on the browser tab. The `<link>` elements include external CSS for icons (Font Awesome) and the main stylesheet (`styles.css`).

3 Body Section

3.1 Header Section

```
<nav>
    <a href="index.html"><img src="images/blue-umic-logo-without-text-445x439.png " class="l
    <div class="navlinks" id="navlinks">
```

```
            <h3 class="umic">UNMESH MASHRUWALA <br> Innovation Cell ,IIT Bombay</h3>
            <ul>
                <li><a href="index.html">HOME</a></li>
                <li><a href="about.html">ABOUT</a></li>
            </ul>
        </div>
</nav>
```

- **Purpose**: Provides a navigational structure with links to the homepage
  and an about page. The logo links to the homepage, and a title describes
  the organization.

3.2 Textbox Section

```
<div class="textbox">
    <h1><b><u>UMIC-SedRiCa</b></u></h1>
    <p>Team SeDriCa is on a mission to pioneer India's first Level 5 Autonomous car, designe
    <a href="" class="btn">Visit us</a>
</div>
```

- **Purpose**: Highlights the mission of Team SeDriCa with a bold title,
  descriptive text, and a call-to-action button (though the link is currently
  empty).

3.3 Course Section

```
<section class="course">
    <h1>Team AeRoVe</h1>
    <p>Team AeRoVe of UMIC is on a never-ending pursuit of developing an ultimate system of
    <div class="row">
        <div class="course-col">
            <h3>The Mothership Drone</h3>
            <p>Primary drone that carries and launches the daughter drone.<br><br><br> The a
        </div>
        <div class="course-col">
            <h3>The Daughter Drone</h3>
            <p>The daughter drone is a multi-rotor UAV having 6 DOF.<br><br><br> The aim of
        </div>
        <div class="course-col">
            <h3>The Gripper</h3>
            <p>The replacement mechanism is made in-house from acrylic to reduce load on dau
        </div>
    </div>
</section>
```

- **Purpose**: Introduces Team AeRoVe and details their projects, focusing
  on three key components: the Mothership Drone, Daughter Drone, and
  Gripper.

3.4   Campus Section

```
<section class="campus">
    <h1>Our Drones</h1>
    <p>Team AeRoVe of UMIC is on a never-ending pursuit of developing an ultimate system of
    <div class="row">
        <div class="campuscol">
            <img src="images/mother-1-512x396.jpeg" alt="">
            <div class="layer">
                <h3>Mothership</h3>
            </div>
        </div>
        <div class="campuscol">
            <img src="images/daughter-1-1-512x396.jpeg" alt="">
            <div class="layer">
                <h3>Daughter Drone</h3>
            </div>
        </div>
        <div class="campuscol">
            <img src="images/gripper-1-512x396.jpeg" alt="">
            <div class="layer">
                <h3>Gripper</h3>
            </div>
        </div>
    </div>
</section>
```

- **Purpose**: Showcases images and descriptions of the team's drones, providing visual representation and further details about each component.

3.5   Facilities Section

```
<section class="facilities">
    <h1>KeY FeaTuReS</h1>
    <div class="features">
        <img src="images/hign.png" alt="">
        <img src="images/light weight structure.png" alt="">
        <img src="images/long range.png" alt="">
        <img src="images/intricate algorithms.png" alt="">
    </div>
    <div class="row">
        <div class="facilitiescol">
            <h3>Mothership</h3>
            <ul>
                <p>six powerful MN1010 motors, low profile with aluminum airframe, powerful
            </ul>
        </div>
```

```
        <div class="facilitiescol">
            <h3>Daughter Drone</h3>
            <ul>
                <p>high thrust-to-weight ratio, compact design, advanced control algorithms.
            </ul>
        </div>
        <div class="facilitiescol">
            <h3>Gripper</h3>
            <ul>
                <p>precise gripping mechanism, lightweight, custom design.</p>
            </ul>
        </div>
    </div>
</section>
```

- **Purpose**: Describes key features of the drones with images and detailed text, highlighting the technical specifications and advantages of each component.

3.6   Achievements Section

```
<section class="achievements">
    <h1>Our Achievements</h1>
    <div class="achievement">
        <img src="images/flipkart.jpg" alt="Achievement 1">
        <div class="achievement-text">
            <h3>Flipkart Grid 5.0 Robotics Challenge<br><br></h3>
            <p>Team UMIC was crowned Champion...IIT Madras on 5th January, 2024.</p>
        </div>
    </div>
</section>
```

- **Purpose**: Highlights the team's accomplishments with images and descriptive text, showcasing their successes in competitions and challenges.

3.7   Footer Section

```
<section class="footer">
    <h4>About Us</h4>
    <p>Unmesh Mashruwala Innovation Cell, IIT Bombay.</p>
    <div class="socialIcons">
        <a href="https://www.facebook.com/innovationcell/"><i class="fa fa-facebook"></i></a
        <a href="https://instagram.com/umic_iitb?igshid=1vialpckb3scy"><i class="fa fa-insta
        <a href="https://www.linkedin.com/company/unmesh-mashruwala-innovation-cell-iit-bomb
```

```
            <a href="https://www.youtube.com/channel/UCkwi2H7zV2texcM6bQ_UagA"><i class="fa fa-y
        </div>
        <div class="footerNav">
            <ul>
                <li><a href="index.html">Home</a></li>
                <li><a href="about.html">About</a></li>
            </ul>
        </div>
    </section>
```

- **Purpose**: Provides quick access to the team's social media pages and a navigation menu for the homepage and about page, improving user engagement and navigation.

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