

```
Activity.html

<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Interactive Abacus - TinyBeads</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">
<style>
    * {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }

    :root {
        --primary: #4361ee;
        --primary-dark: #3a56d4;
        --secondary: #7209b7;
        --accent: #f72585;
        --success: #2a9d8f;
        --warning: #f9c74f;
        --danger: #e63946;
        --light: #f8f9fa;
        --dark: #2d3748;
        --gray: #6c757d;
        --light-gray: #e9ecef;
        --wood-color: #c19a6b;
        --bead-color: #e63946;
    }
}
```

```
--bead-highlight: #f72585;
--upper-bead: #3a0ca3;
--frame-color: #8b5a2b;
--rod-color: #5d4037;

}

body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    color: var(--dark);
    line-height: 1.6;
    min-height: 100vh;
    display: flex;
    flex-direction: column;
    align-items: center;
    padding: 20px;
}

.header {
    text-align: center;
    margin-bottom: 20px;
    width: 100%;
}

.header h1 {
    font-size: 2.5rem;
    color: var(--primary);
    margin-bottom: 10px;
}

.abacus-container {
    background: var(--wood-color);
```

```
border-radius: 15px;  
padding: 20px;  
box-shadow: 0 10px 30px rgba(0, 0, 0, 0.2);  
margin-bottom: 20px;  
position: relative;  
border: 12px solid var(--frame-color);  
display: flex;  
justify-content: center;  
max-width: 95%;  
}
```

```
.abacus-frame {  
background: #a67b5b;  
border-radius: 8px;  
padding: 15px;  
position: relative;  
display: flex;  
gap: 25px;  
}
```

```
.value-bar {  
position: absolute;  
top: 0;  
left: 50%;  
transform: translateX(-50%);  
width: 90%;  
height: 30px;  
background: var(--frame-color);  
color: white;  
display: flex;  
justify-content: space-around;
```

```
    align-items: center;  
    font-weight: bold;  
    border-radius: 5px 5px 0 0;  
}  
  
}
```

```
.rod-container {  
    display: flex;  
    flex-direction: column;  
    align-items: center;  
    position: relative;  
}
```

```
.place-value {  
    font-weight: bold;  
    color: white;  
    background: var(--primary);  
    width: 40px;  
    height: 40px;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    border-radius: 50%;  
    margin-bottom: 10px;  
    z-index: 10;  
}
```

```
.rod {  
    width: 60px;  
    height: 350px;  
    background: var(--rod-color);  
    border-radius: 5px;
```

```
position: relative;  
display: flex;  
flex-direction: column;  
align-items: center;  
justify-content: space-between;  
padding: 10px 0;  
}  
  
}
```

```
.beam {  
width: 70px;  
height: 5px;  
background: #5d4037;  
border-radius: 2px;  
margin: 10px 0;  
}
```

```
.bead-section {  
display: flex;  
flex-direction: column;  
align-items: center;  
gap: 15px;  
}
```

```
.bead {  
width: 50px;  
height: 50px;  
background: var(--upper-bead);  
border-radius: 50%;  
cursor: pointer;  
position: relative;  
z-index: 2;
```

```
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
    transition: transform 0.2s;
    display: flex;
    align-items: center;
    justify-content: center;
    color: white;
    font-weight: bold;
}

.bead.lower {
    background: var(--bead-color);
}

.bead:hover {
    transform: scale(1.1);
}

.bead.active {
    background: var(--bead-highlight);
    box-shadow: 0 0 0 3px white, 0 0 0 6px var(--bead-highlight);
}

.unit-dot {
    width: 10px;
    height: 10px;
    background: white;
    border-radius: 50%;
    margin-top: 10px;
}

.value-display {
```

```
background: white;  
border-radius: 10px;  
padding: 20px;  
box-shadow: 0 5px 15px rgba(0, 0, 极速, 0.1);  
margin-bottom: 20px;  
text-align: center;  
width: 100%;  
max-width: 600px;  
font-size: 2rem;  
font-weight: bold;  
color: var(--primary);  
}
```

```
.controls {  
display: flex;  
justify-content: center;  
gap: 15px;  
margin-top: 20px;  
width: 100%;  
max-width: 600px;  
flex-wrap: wrap;  
}
```

```
.btn {  
padding: 12px 25px;  
border-radius: 8px;  
font-size: 1rem;  
font-weight: 600;  
cursor: pointer;  
transition: all 0.3s ease;  
border: none;
```

```
    display: flex;
    align-items: center;
    gap: 8px;
}

.btn-reset {
    background-color: var(--danger);
    color: white;
}

.btn-reset:hover {
    background-color: #c1121f;
}

.instructions {
    background: white;
    border-radius: 10px;
    padding: 20px;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);
    margin-top: 20px;
    width: 100%;
    max-width: 600px;
}

.instructions h3 {
    color: var(--primary);
    margin-bottom: 15px;
    text-align: center;
}

.instructions ul {
```

```
list-style-type: none;  
padding: 0;  
}
```

```
.instructions li {  
margin-bottom: 10px;  
padding-left: 25px;  
position: relative;  
}
```

```
.instructions li i {  
color: var(--success);  
position: absolute;  
left: 0;  
top: 3px;  
}
```

```
@media (max-width: 900px) {  
.abacus-frame {  
gap: 15px;  
}
```

```
.rod {  
width: 50px;  
height: 300px;  
}
```

```
.bead {  
width: 40px;  
height: 40px;  
font-size: 0.9rem;
```

```
        }
    }

@极速 (max-width: 700px) {
    .header h1 {
        font-size: 2rem;
    }

    .abacus-frame {
        gap: 10px;
    }

    .rod {
        width: 40px;
        height: 250px;
    }

    .bead {
        width: 30px;
        height: 30px;
        font-size: 0.7rem;
    }

    .place-value {
        width: 30px;
        height: 30px;
        font-size: 0.9rem;
    }
}

@media (max-width: 500px) {
```

```
.abacus-frame {  
    gap: 5px;  
}  
  
.rod {  
    width: 30px;  
    height: 200px;  
}  
  
.bead {  
    width: 25px;  
    height: 25px;  
    font-size: 0.6rem;  
}  
  
.place-value {  
    width: 25px;  
    height: 25px;  
    font-size: 0.7rem;  
}  
  
.btn {  
    padding: 10px 15px;  
    font-size: 0.9rem;  
}  
}  
}  
</style>  
</head>  
<body>  
<div class="header">  
    <h1>Interactive Abacus</h1>
```

```
</div>

<div class="value-display">
    Current Value: <span id="current-value">0</span>
</div>

<div class="abacus-container">
    <div class="value-bar">
        <span>Thousands</span>
        <span>Hundreds</span>
        <span>Tens</span>
        <span>Units</span>
    </div>
    <div class="abacus-frame">
        <div class="rod-container">
            <div class="place-value">1000</div>
            <div class="rod">
                <div class="bead-section">
                    <div class="bead" data-value="5" data-rod="3" data-position="0">5</div>
                </div>
                <div class="beam"></div>
                <div class="bead-section">
                    <div class="bead lower" data-value="1" data-rod="3" data-position="1">1</div>
                    <div class="bead lower" data-value="1" data-rod="3" data-position="2">1</div>
                    <div class="bead lower" data-value="1" data-rod="3" data-position="3">1</div>
                    <div class="bead lower" data-value="极速" data-rod="3" data-position="4">1</div>
                </div>
            </div>
            <div class="unit-dot"></div>
        </div>
    </div>
</div>
```

```
<div class="rod-container">
  <div class="place-value">100</div>
  <div class="rod">
    <div class="bead-section">
      <div class="bead" data-value="5" data-rod="2" data-position="0">5</div>
    </div>
    <div class="beam"></div>
    <div class="bead-section">
      <div class="bead lower" data-value="1" data-rod="2" data-position="1">1</div>
      <div class="bead lower" data-value="1" data-rod="2" data-position="2">1</div>
      <div class="bead lower" data-value="1" data-rod="2" data-position="3">1</div>
      <div class="bead lower" data-value="1" data-rod="2" data-position="4">1</div>
    </div>
  </div>
  <div class="unit-dot"></div>
</div>

<div class="rod-container">
  <div class="place-value">10</div>
  <div class="rod">
    <div class="bead-section">
      <div class="bead" data-value="5极速" data-rod="1" data-position="0">5</div>
    </div>
    <div class="beam"></div>
    <div class="bead-section">
      <div class="bead lower" data-value="1" data-rod="1" data-position="1">1</div>
      <div class="bead lower" data-value="1" data-rod="1" data-position="2">1</div>
      <div class="bead lower" data-value="1" data-rod="1" data-position="3">1</div>
      <div class="bead lower" data-value="1" data-rod="1" data-position="4">1</div>
    </div>
  </div>
</div>
```

```
<div class="unit-dot"></div>
</div>

<div class="rod-container">
  <div class="place-value">1</div>
  <div class="rod">
    <div class="bead-section">
      <div class="bead" data-value="5" data-rod="0" data-position="0">5</div>
    </div>
    <div class="beam"></div>
    <div class="bead-section">
      <div class="bead lower" data-value="1" data-rod="0" data-position="1">1</div>
      <div class="bead lower" data-value="1" data-rod="0" data-position="2">1</div>
      <div class="bead lower" data-value="1" data-rod="0" data-position="3">1</div>
      <div class="bead lower" data-value="1" data-rod="0" data-position="4">1</div>
    </div>
  </div>
  <div class="unit-dot"></div>
</div>
</div>

<div class="controls">
  <button class="btn btn-reset"><i class="fas fa-redo"></i> Reset Abacus</button>
</div>

<div class="instructions">
  <h3>How to Use the Abacus</h3>
  <ul>
    <li><i class="fas fa-check-circle"></i> Click on beads to move them toward the beam</li>
    <li><i class="fas fa-check-circle"></i> Upper beads (blue) represent a value of 5 each</li>
  </ul>
</div>
```

```

<li><i class="fas fa-check-circle"></i> Lower beads (red) represent a value of 1 each</li>
<li><i class="fas fa-check-circle"></i> The current value is calculated based on bead
positions</li>
<li><i class="fas fa-check-circle"></i> Each rod represents a different place value (ones, tens,
hundreds, thousands)</li>
</ul>
</div>

<script>
document.addEventListener('DOMContentLoaded', function() {
  const beads = document.querySelectorAll('.bead');
  const currentValueElement = document.getElementById('current-value');
  const resetButton = document.querySelector('.btn-reset');

  // Track bead positions (true = active/engaged, false = inactive/resting)
  const beadStates = [
    [false, false, false, false, false], // Ones
    [false, false, false, false, false], // Tens
    [false, false, false, false, false], // Hundreds
    [false, false, false, false, false] // Thousands
  ];

  // Initialize bead positions
  beads.forEach(bead => {
    bead.addEventListener('click', handleBeadClick);
  });

  // Reset all beads
  resetButton.addEventListener('click', resetAbacus);

  function handleBeadClick(e) {
    const bead = e.target;

```

```
const rodIndex = parseInt(bead.dataset.rod);
const positionIndex = parseInt(bead.dataset.position);

if (positionIndex === 0) {
    // Upper bead (value 5)
    toggleUpperBead(rodIndex, positionIndex);
} else {
    // Lower bead (value 1)
    toggleLowerBead(rodIndex, positionIndex);
}

// Update the current value
updateCurrentValue();

}

function toggleUpperBead(rodIndex, positionIndex) {
    // For upper bead, just toggle its state
    beadStates[rodIndex][positionIndex] = !beadStates[rodIndex][positionIndex];

    // Update visual state
    const bead = document.querySelector(`.bead[data-rod="${rodIndex}"][data-position="${positionIndex}"]`);

    if (beadStates[rodIndex][positionIndex]) {
        bead.classList.add('active');
        bead.style.marginTop = '15px';
    } else {
        bead.classList.remove('active');
        bead.style.marginTop = '0';
    }
}
```

```
function toggleLowerBead(rodIndex, positionIndex) {
    // For lower beads, toggle the specific bead
    beadStates[rodIndex][positionIndex] = !beadStates[rodIndex][positionIndex];

    // Update visual state
    const bead = document.querySelector(`.bead[data-rod="${rodIndex}"][data-
position="${positionIndex}"]`);

    if (beadStates[rodIndex][positionIndex]) {
        bead.classList.add('active');
        bead.style.marginBottom = '15px';
    } else {
        bead.classList.remove('active');
        bead.style.marginBottom = '0';
    }
}

function updateCurrentValue() {
    let totalValue = 0;

    // Calculate value for each rod
    for (let rodIndex = 0; rodIndex < 4; rodIndex++) {
        let rodValue = 0;

        // Check upper bead (value 5)
        if (beadStates[rodIndex][0]) {
            rodValue += 5;
        }

        // Check lower beads (value 1 each)
        for (let i = 1; i < 5; i++) {
            if (beadStates[rodIndex][i]) {
```

```
    rodValue += 1;

}

}

// Multiply by place value (1, 10, 100, 1000)
const placeValue = Math.pow(10, rodIndex);
totalValue += rodValue * placeValue;

}

// Update display
currentValueElement.textContent = totalValue.toLocaleString();
}

function resetAbacus() {
    // Reset all bead states
    for (let rodIndex = 0; rodIndex < 4; rodIndex++) {
        for (let positionIndex = 0; positionIndex < 5; positionIndex++) {
            beadStates[rodIndex][positionIndex] = false;
        }
    }

    // Reset visual state
    beads.forEach(bead => {
        bead.classList.remove('active');
        bead.style.marginTop = '0';
        bead.style.marginBottom = '0';
    });
}

// Reset display
currentValueElement.textContent = '0';
}
```

```
});  
</script>  
</body>  
</html>
```

Base.html

```
<!DOCTYPE html>  
  
<html lang="en">  
  
<head>  
  
    <meta charset="UTF-8">  
  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  
    <title>TinyBeads - Learn Abacus Online</title>  
  
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">  
  
    <style>  
  
        * {  
  
            margin: 0;  
  
            padding: 0;  
  
            box-sizing: border-box;  
  
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
  
        }  
  
  
        :root {  
  
            --primary: #4361ee;  
  
            --primary-dark: #3a56d4;  
  
            --secondary: #7209b7;  
  
            --accent: #f72585;  
  
            --success: #2a9d8f;  
  
        }
```

```
--warning: #f9c74f;
--danger: #e63946;
--light: #f8f9fa;
--dark: #2d3748;
--gray: #6c757d;
--light-gray: #e9ecef;

}

body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfec 100%);
    color: var(--dark);
    line-height: 1.6;
    min-height: 100vh;
    display: flex;
    flex-direction: column;
}

/* Header Styles */
header {
    background: white;
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
    padding: 15px 0;
}

.header-content {
    max-width: 1200px;
    margin: 0 auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0 20px;
}
```

```
}
```

```
.logo {  
    font-size: 28px;  
    font-weight: 700;  
    color: var(--primary);  
    display: flex;  
    align-items: center;  
}
```

```
.logo i {  
    margin-right: 10px;  
}
```

```
.nav-links {  
    display: flex;  
    gap: 25px;  
}
```

```
.nav-links a {  
    text-decoration: none;  
    color: #555;  
    font-weight: 500;  
    transition: color 0.3s;  
}
```

```
.nav-links a:hover {  
    color: var(--primary);  
}
```

```
.auth-buttons {
```

```
display: flex;
gap: 15px;
}

.btn {
padding: 10px 20px;
border-radius: 50px;
border: none;
font-weight: 600;
cursor: pointer;
transition: all 0.3s;
}

.btn-outline {
background: transparent;
border: 2px solid var(--primary);
color: var(--primary);
}

.btn-outline:hover {
background: var(--primary);
color: white;
}

.btn-primary {
background: var(--primary);
color: white;
}

.btn-primary:hover {
background: var(--primary-dark);
```

```
}
```

```
/* Hero Section */
```

```
.hero {
```

```
  flex: 1;
```

```
  display: flex;
```

```
  align-items: center;
```

```
  padding: 50px 0;
```

```
}
```

```
.hero-content {
```

```
  max-width: 1200px;
```

```
  margin: 0 auto;
```

```
  display: flex;
```

```
  align-items: center;
```

```
  justify-content: space-between;
```

```
  padding: 0 20px;
```

```
  gap: 40px;
```

```
}
```

```
.hero-text {
```

```
  flex: 1;
```

```
}
```

```
.hero-title {
```

```
  font-size: 48px;
```

```
  margin-bottom: 20px;
```

```
  color: var(--dark);
```

```
  line-height: 1.2;
```

```
}
```

```
.hero-subtitle {  
    font-size: 20px;  
    margin-bottom: 30px;  
    color: var(--gray);  
}  
  
.
```

```
.hero-buttons {  
    display: flex;  
    gap: 15px;  
    margin-bottom: 30px;  
}  
  
.
```

```
.hero-image {  
    flex: 1;  
    display: flex;  
    justify-content: center;  
}  
  
.
```

```
.hero-image img {  
    max-width: 100%;  
    border-radius: 20px;  
    box-shadow: 0 20px 40px rgba(0, 0, 0, 0.1);  
}  
  
.
```

```
.feature {  
    display: flex;  
    align-items: center;  
    margin-bottom: 15px;  
}  
  
.
```

```
.feature i {
```

```
    color: var(--primary);  
    margin-right: 15px;  
    font-size: 20px;  
}  
  
/* Testimonials Section */  
.testimonials {  
    background: white;  
    padding: 60px 0;  
}  
  
.testimonials-container {  
    max-width: 1200px;  
    margin: 0 auto;  
    padding: 0 20px;  
}  
  
.section-title {  
    text-align: center;  
    font-size: 36px;  
    margin-bottom: 50px;  
    color: var(--dark);  
}  
  
.testimonials-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
    gap: 30px;  
}  
  
.testimonial {
```

```
background: var(--light);  
border-radius: 15px;  
padding: 30px;  
box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);  
}
```

```
.testimonial-text {  
    font-style: italic;  
    margin-bottom: 20px;  
    color: var(--dark);  
}
```

```
.testimonial-author {  
    font-weight: 600;  
    color: var(--primary);  
}
```

```
.testimonial-role {  
    font-size: 14px;  
    color: var(--gray);  
}
```

```
/* Footer Styles */  
footer {  
    background: var(--dark);  
    color: white;  
    padding: 50px 0 20px;  
}
```

```
.footer-content {  
    max-width: 1200px;
```

```
margin: 0 auto;  
display: grid;  
grid-template-columns: repeat(4, 1fr);  
gap: 30px;  
padding: 0 20px;  
}
```

```
.footer-column h3 {  
font-size: 18px;  
margin-bottom: 20px;  
color: #fff;  
}
```

```
.footer-column ul {  
list-style: none;  
}
```

```
.footer-column ul li {  
margin-bottom: 10px;  
}
```

```
.footer-column ul li a {  
color: #cbd5e0;  
text-decoration: none;  
transition: color 0.3s;  
}
```

```
.footer-column ul li a:hover {  
color: var(--primary);  
}
```

```
.social-icons {  
    display: flex;  
    gap: 15px;  
    margin-top: 15px;  
}  
  
.social-icons a {  
    color: white;  
    background: #4a5568;  
    width: 36px;  
    height: 36px;  
    border-radius: 50%;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    transition: background 0.3s;  
}  
  
.social-icons a:hover {  
    background: var(--primary);  
}  
  
.copyright {  
    text-align: center;  
    margin-top: 40px;  
    padding-top: 20px;  
    border-top: 1px solid #4a5568;  
    color: #cbd5e0;  
}  
  
/* Responsive Design */
```

```
@media (max-width: 992px) {  
    .hero-content {  
        flex-direction: column;  
        text-align: center;  
    }  
  
    .hero-buttons {  
        justify-content: center;  
    }  
  
    .feature {  
        justify-content: center;  
    }  
  
    .footer-content {  
        grid-template-columns: repeat(2, 1fr);  
    }  
}  
  
@media (max-width: 768px) {  
    .nav-links {  
        display: none;  
    }  
  
    .hero-title {  
        font-size: 36px;  
    }  
  
    .hero-subtitle {  
        font-size: 18px;  
    }  
}
```

```
.testimonials-grid {  
    grid-template-columns: 1fr;  
}  
}  
  
}
```

```
@media (max-width: 576px) {  
    .header-content {  
        flex-direction: column;  
        gap: 15px;  
    }  
}
```

```
.auth-buttons {  
    width: 100%;  
    justify-content: center;  
}  
  
}
```

```
.btn {  
    width: 100%;  
    text-align: center;  
}  
  
}
```

```
.hero-buttons {  
    flex-direction: column;  
}  
  
}
```

```
.footer-content {  
    grid-template-columns: 1fr;  
}  
}  
  
</style>
```

```
</head>

<body>

    <!-- Header -->

    <header>

        <div class="header-content">

            <div class="logo">
                <i class="fas fa-bezier-curve"></i> TinyBeads
            </div>

            <div class="nav-links">
                <a href="#">About Us</a>
                <a href="#">Courses</a>
                <a href="#">Pricing</a>
                <a href="#">Success Stories</a>
                <a href="#">FAQ</a>
            </div>

            <div class="auth-buttons">
                <button class="btn btn-outline" onclick="window.location.href='/login'">Login</button>
                <button class="btn btn-primary" onclick="window.location.href='/register'">Register</button>
            </div>
        </div>

    </header>

    <!-- Hero Section -->

    <section class="hero">

        <div class="hero-content">
            <div class="hero-text">
                <h1 class="hero-title">Master the Abacus with TinyBeads</h1>
                <p class="hero-subtitle">Interactive online courses to help students excel in mental math and build confidence in mathematics.</p>
            </div>
        </div>
    </section>
```

```
<button class="btn btn-primary" onclick="window.location.href='/login'">Get  
Started</button>  
  
<button class="btn btn-outline" onclick="scrollToTestimonials()">Learn More</button>  
</div>  
  
<div class="features">  
  
<div class="feature">  
    <i class="fas fa-check-circle"></i>  
    <span>Structured learning path</span>  
</div>  
  
<div class="feature">  
    <i class="fas fa-check-circle"></i>  
    <span>Progress tracking</span>  
</div>  
  
<div class="feature">  
    <i class="fas fa-check-circle"></i>  
    <span>Interactive exercises</span>  
</div>  
  
<div class="feature">  
    <i class="fas fa-check-circle"></i>  
    <span>Certification program</span>  
</div>  
  
</div>  
</div>  
  
<div class="hero-image">  
      
</div>  
</div>  
</section>
```

```
<!-- Testimonials Section -->
```

```
<section class="testimonials" id="testimonials">

  <div class="testimonials-container">

    <h2 class="section-title">What Our Students Say</h2>

    <div class="testimonials-grid">

      <div class="testimonial">

        <p class="testimonial-text">"TinyBeads helped me master the abacus in just 3 months. The lessons are so well structured and easy to follow!"</p>

        <div class="testimonial-author">Rahul Sharma</div>

        <div class="testimonial-role">Student</div>

      </div>

      <div class="testimonial">

        <p class="testimonial-text">"The progress tracking features are exceptional. My students have shown remarkable improvement since using TinyBeads."</p>

        <div class="testimonial-author">Priya Patel</div>

        <div class="testimonial-role">Abacus Teacher</div>

      </div>

      <div class="testimonial">

        <p class="testimonial-text">"The interactive quizzes make learning fun for my children. They've improved their math skills tremendously since starting with TinyBeads."</p>

        <div class="testimonial-author">Anjali Mehta</div>

        <div class="testimonial-role">Parent</div>

      </div>

    </div>

  </div>

</section>

<!-- Footer --&gt;

&lt;footer&gt;

  &lt;div class="footer-content"&gt;

    &lt;div class="footer-column"&gt;

      &lt;h3&gt;TinyBeads&lt;/h3&gt;

      &lt;ul&gt;</pre>
```

```
<li><a href="#">About Us</a></li>
<li><a href="#">Our Team</a></li>
<li><a href="#">Careers</a></li>
<li><a href="#">Blog</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Learn</h3>
<ul>
<li><a href="#">Courses</a></li>
<li><a href="#">Pricing</a></li>
<li><a href="#">Certification</a></li>
<li><a href="#">Success Stories</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Support</h3>
<ul>
<li><a href="#">FAQ</a></li>
<li><a href="#">Contact Us</a></li>
<li><a href="#">Help Center</a></li>
<li><a href="#">Terms of Service</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Connect With Us</h3>
<div class="social-icons">
<a href="#"><i class="fab fa-facebook-f"></i></a>
```

```

<a href="#"><i class="fab fa-instagram"></i></a>
<a href="#"><i class="fab fa-twitter"></i></a>
<a href="#"><i class="fab fa-youtube"></i></a>
</div>
</div>
</div>

<div class="copyright">
    © 2023 TinyBeads. All rights reserved.
</div>
</footer>

<script>
    // Simple smooth scrolling for navigation
    function scrollToTestimonials() {
        document.querySelector('#testimonials').scrollIntoView({
            behavior: 'smooth'
        });
    }

    // Make all buttons with class 'btn' have a pointer cursor
    document.querySelectorAll('.btn').forEach(btn => {
        btn.style.cursor = 'pointer';
    });
</script>
</body>

</html>

```

Chat.html

```
<!DOCTYPE html>
```

```
<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>EduChat - Teacher-Student Communication</title>

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">

    <style>

        * {

            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        }

        body {

            background-color: #f5f7fb;
            color: #333;
            display: flex;
            flex-direction: column;
            height: 100vh;
        }

        .header {

            background: linear-gradient(135deg, #4b6cb7 0%, #182848 100%);
            color: white;
            padding: 1rem 2rem;
            display: flex;
            justify-content: space-between;
            align-items: center;
            box-shadow: 0 2px 10px rgba(0, 0, 0, 0.2);
        }
    </style>

```

```
}
```

```
.logo {  
  display: flex;  
  align-items: center;  
  gap: 10px;  
  font-size: 1.5rem;  
  font-weight: 600;  
}
```

```
.logo i {  
  font-size: 1.8rem;  
}
```

```
.user-info {  
  display: flex;  
  align-items: center;  
  gap: 10px;  
}
```

```
.user-avatar {  
  width: 40px;  
  height: 40px;  
  border-radius: 50%;  
  background-color: #fff;  
  color: #4b6cb7;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  font-weight: bold;  
}
```

```
.role-selector {  
    display: flex;  
    justify-content: center;  
    margin: 1rem 0;  
    gap: 1rem;  
}  
  
.role-btn {  
    padding: 0.7rem 1.5rem;  
    border: none;  
    border-radius: 25px;  
    background-color: #e0e0e0;  
    color: #555;  
    font-weight: 600;  
    cursor: pointer;  
    transition: all 0.3s;  
}  
  
.role-btn.active {  
    background: linear-gradient(135deg, #4b6cb7 0%, #182848 100%);  
    color: white;  
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}  
  
.container {  
    display: flex;  
    flex: 1;  
    overflow: hidden;  
    max-width: 1200px;  
    width: 100%;
```

```
    margin: 0 auto;  
    background-color: white;  
    border-radius: 12px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.08);  
    margin-bottom: 1rem;  
}  
  
 .sidebar {
```

```
    width: 300px;  
    background-color: white;  
    border-right: 1px solid #e0e0e0;  
    display: flex;  
    flex-direction: column;  
    overflow: hidden;  
}
```

```
.sidebar-header {  
    padding: 1rem;  
    border-bottom: 1px solid #e0e0e0;  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
}
```

```
.search-box {  
    padding: 0.5rem 1rem;  
    border-bottom: 1px solid #e0e0e0;  
}
```

```
.search-box input {  
    width: 100%;
```

```
padding: 0.5rem 1rem;  
border: 1px solid #e0e0e0;  
border-radius: 20px;  
outline: none;  
}
```

```
.conversation-list {  
flex: 1;  
overflow-y: auto;  
padding: 0.5rem;  
}
```

```
.conversation {  
display: flex;  
align-items: center;  
padding: 0.8rem;  
border-radius: 8px;  
cursor: pointer;  
transition: background-color 0.2s;  
margin-bottom: 5px;  
}
```

```
.conversation:hover {  
background-color: #f0f5ff;  
}
```

```
.conversation.active {  
background-color: #e6f0ff;  
}
```

```
.conversation-avatar {
```

```
width: 50px;  
height: 50px;  
border-radius: 50%;  
background-color: #4b6cb7;  
color: white;  
display: flex;  
align-items: center;  
justify-content: center;  
font-weight: bold;  
margin-right: 15px;  
font-size: 1.2rem;  
}  
  
}
```

```
.conversation-info {
```

```
flex: 1;
```

```
}
```

```
.conversation-name {
```

```
font-weight: 600;
```

```
margin-bottom: 3px;
```

```
}
```

```
.conversation-preview {
```

```
font-size: 0.9rem;
```

```
color: #777;
```

```
white-space: nowrap;
```

```
overflow: hidden;
```

```
text-overflow: ellipsis;
```

```
max-width: 180px;
```

```
}
```

```
.conversation-time {  
    font-size: 0.8rem;  
    color: #999;  
    align-self: flex-start;  
}  
  
.chat-area {  
    flex: 1;  
    display: flex;  
    flex-direction: column;  
    background-color: white;  
}  
  
.chat-header {  
    padding: 1rem;  
    border-bottom: 1px solid #e0e0e0;  
    display: flex;  
    align-items: center;  
}  
  
.chat-header-avatar {  
    width: 40px;  
    height: 40px;  
    border-radius: 50%;  
    background-color: #4b6cb7;  
    color: white;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    font-weight: bold;  
    margin-right: 15px;
```

```
}
```

```
.chat-header-info {
```

```
  flex: 1;
```

```
}
```

```
.chat-header-name {
```

```
  font-weight: 600;
```

```
}
```

```
.chat-header-status {
```

```
  font-size: 0.9rem;
```

```
  color: #4CAF50;
```

```
}
```

```
.chat-messages {
```

```
  flex: 1;
```

```
  padding: 1rem;
```

```
  overflow-y: auto;
```

```
  background-color: #f9fafc;
```

```
  display: flex;
```

```
  flex-direction: column;
```

```
  gap: 15px;
```

```
}
```

```
.message {
```

```
  max-width: 70%;
```

```
  padding: 0.8rem 1rem;
```

```
  border-radius: 18px;
```

```
  position: relative;
```

```
  line-height: 1.5;
```

```
}

.message.received {
    background-color: #e9eef7;
    align-self: flex-start;
    border-bottom-left-radius: 5px;
}
```

```
.message.sent {
    background-color: #4b6cb7;
    color: white;
    align-self: flex-end;
    border-bottom-right-radius: 5px;
}
```

```
.message-time {
    font-size: 0.7rem;
    margin-top: 5px;
    text-align: right;
    opacity: 0.8;
}
```

```
.chat-input {
    padding: 1rem;
    border-top: 1px solid #e0e0e0;
    display: flex;
    align-items: center;
    gap: 10px;
}
```

```
.chat-input input {
```

```
flex: 1;  
padding: 0.8rem 1rem;  
border: 1px solid #e0e0e0;  
border-radius: 24px;  
outline: none;  
}  
  
}
```

```
.send-button {  
background-color: #4b6cb7;  
color: white;  
border: none;  
width: 40px;  
height: 40px;  
border-radius: 50%;  
display: flex;  
align-items: center;  
justify-content: center;  
cursor: pointer;  
}  
  
}
```

```
.attachment-button {  
color: #777;  
font-size: 1.2rem;  
cursor: pointer;  
}  
  
}
```

```
.page-title {  
font-size: 1.5rem;  
font-weight: 600;  
margin: 1rem 0;  
color: #333;
```

```
    text-align: center;  
}  
  
@media (max-width: 768px) {  
    .container {  
        flex-direction: column;  
        height: calc(100vh - 120px);  
    }  
  
    .sidebar {  
        width: 100%;  
        height: 40%;  
        border-right: none;  
        border-bottom: 1px solid #e0e0e0;  
    }  
  
    .chat-area {  
        height: 60%;  
    }  
  
.message {  
    max-width: 85%;  
}  
}  
</style>  
</head>  
<body>  
    <div class="header">  
        <div class="logo">  
            <i class="fas fa-graduation-cap"></i>  
            <span>EduChat</span>
```

```
</div>

<div class="user-info">
  <div class="user-avatar" id="user-avatar">T</div>
  <div id="user-name">Teacher</div>
</div>
</div>

<h1 class="page-title">Communication - Message Students and Teachers</h1>

<div class="role-selector">
  <button class="role-btn active" id="teacher-btn">Teacher View</button>
  <button class="role-btn" id="student-btn">Student View</button>
</div>

<div class="container">
  <div class="sidebar">
    <div class="sidebar-header">
      <h2>Conversations</h2>
      <i class="fas fa-edit" id="new-conversation"></i>
    </div>
    <div class="search-box">
      <input type="text" placeholder="Search conversations..." id="search-input">
    </div>
    <div class="conversation-list" id="conversation-list">
      <!-- Conversations will be populated by JavaScript -->
    </div>
  </div>
</div>

<div class="chat-area">
  <div class="chat-header">
    <div class="chat-header-avatar" id="current-chat-avatar">ES</div>
```

```
<div class="chat-header-info">
    <div class="chat-header-name" id="current-chat-name">Select a conversation</div>
    <div class="chat-header-status" id="current-chat-status"></div>
</div>
<div class="chat-header-actions">
    <i class="fas fa-phone-alt"></i>
    <i class="fas fa-video"></i>
    <i class="fas fa-info-circle"></i>
</div>
</div>

<div class="chat-messages" id="chat-messages">
    <div class="message-info" id="no-conversation">
        Select a conversation from the list to start messaging
    </div>
</div>

<div class="chat-input">
    <i class="fas fa-paperclip attachment-button"></i>
    <input type="text" placeholder="Type a message..." id="message-input">
    <button class="send-button" id="send-button">
        <i class="fas fa-paper-plane"></i>
    </button>
</div>
</div>
</div>

<script>
// User data
const users = {
    teacher: {
```

```
name: "Prof. John Davis",
avatar: "JD",
conversations: [
{
  id: "student1",
  name: "Emma Smith",
  avatar: "ES",
  status: "Online",
  messages: [
    { sender: "student", content: "Good morning, Professor Davis. I wanted to ask about the feedback on my last assignment.", time: "10:30 AM" },
    { sender: "teacher", content: "Hello Emma. Your work was excellent! I particularly liked your analysis of the historical context.", time: "10:32 AM" },
    { sender: "student", content: "Thank you! I spent quite some time researching that section. Do you think I should expand on it for the final project?", time: "10:35 AM" },
    { sender: "teacher", content: "Absolutely. That would make a great focus for your final paper. I can share some additional resources if you'd like.", time: "10:40 AM" },
    { sender: "student", content: "That would be wonderful, thank you for the feedback!", time: "10:45 AM" }
  ]
},
{
  id: "student2",
  name: "Michael Johnson",
  avatar: "MJ",
  status: "Last seen 30 min ago",
  messages: [
    { sender: "student", content: "When is the assignment due?", time: "Yesterday" },
    { sender: "teacher", content: "It's due next Friday by 5 PM.", time: "Yesterday" }
  ]
},
{
  id: "student3",
}]]
```

```
        name: "Sarah Rodriguez",
        avatar: "SR",
        status: "Online",
        messages: [
            { sender: "student", content: "I have a question about the project requirements.", time: "Wednesday" },
            { sender: "teacher", content: "Sure, what would you like to know?", time: "Wednesday" }
        ]
    }
]
},
student: {
    name: "Emma Smith",
    avatar: "ES",
    conversations: [
        {
            id: "teacher1",
            name: "Prof. John Davis",
            avatar: "JD",
            status: "Online",
            messages: [
                { sender: "student", content: "Good morning, Professor Davis. I wanted to ask about the feedback on my last assignment.", time: "10:30 AM" },
                { sender: "teacher", content: "Hello Emma. Your work was excellent! I particularly liked your analysis of the historical context.", time: "10:32 AM" },
                { sender: "student", content: "Thank you! I spent quite some time researching that section. Do you think I should expand on it for the final project?", time: "10:35 AM" },
                { sender: "teacher", content: "Absolutely. That would make a great focus for your final paper. I can share some additional resources if you'd like.", time: "10:40 AM" },
                { sender: "student", content: "That would be wonderful, thank you for the feedback!", time: "10:45 AM" }
            ]
        }
    ]
}
```

```

    },
    {
      id: "teacher2",
      name: "Dr. Lisa Brown",
      avatar: "LB",
      status: "Last seen 2 hours ago",
      messages: [
        { sender: "student", content: "Hello Dr. Brown, I wanted to discuss my research paper topic.", time: "Yesterday" },
        { sender: "teacher", content: "Sure Emma, please stop by during my office hours tomorrow.", time: "Yesterday" }
      ]
    }
  ],
}

};

// Current state

let currentUser = 'teacher';

let currentConversation = null;

// DOM elements

const teacherBtn = document.getElementById('teacher-btn');

const studentBtn = document.getElementById('student-btn');

const userName = document.getElementById('user-name');

const userAvatar = document.getElementById('user-avatar');

const conversationList = document.getElementById('conversation-list');

const currentChatName = document.getElementById('current-chat-name');

const currentChatAvatar = document.getElementById('current-chat-avatar');

const currentChatStatus = document.getElementById('current-chat-status');

const chatMessages = document.getElementById('chat-messages');

const messageInput = document.getElementById('message-input');

```

```
const sendButton = document.getElementById('send-button');

const noConversation = document.getElementById('no-conversation');

// Initialize the app

function init() {
    renderConversations();
    setupEventListeners();
}

// Set up event listeners

function setupEventListeners() {
    teacherBtn.addEventListener('click', () => switchUser('teacher'));
    studentBtn.addEventListener('click', () => switchUser('student'));
    sendButton.addEventListener('click', sendMessage);
    messageInput.addEventListener('keypress', (e) => {
        if (e.key === 'Enter') sendMessage();
    });
}

// Switch between teacher and student view

function switchUser(userType) {
    currentUser = userType;

    // Update UI

    teacherBtn.classList.toggle('active', userType === 'teacher');
    studentBtn.classList.toggle('active', userType === 'student');

    userName.textContent = users[userType].name;
    userAvatar.textContent = users[userType].avatar;

    // Reset conversation
```

```
currentConversation = null;

currentChatName.textContent = 'Select a conversation';

currentChatAvatar.textContent = '';

currentChatStatus.textContent = '';

// Render conversations

renderConversations();

// Clear chat messages

chatMessages.innerHTML = '<div class="message-info" id="no-conversation">Select a conversation from the list to start messaging</div>';

noConversation = document.getElementById('no-conversation');

}

// Render conversation list

function renderConversations() {

conversationList.innerHTML = '';

users[currentUser].conversations.forEach(conversation => {

const lastMessage = conversation.messages[conversation.messages.length - 1];

const convElement = document.createElement('div');

convElement.classList.add('conversation');

convElement.dataset.id = conversation.id;

convElement.innerHTML = `

<div class="conversation-avatar">${conversation.avatar}</div>

<div class="conversation-info">

<div class="conversation-name">${conversation.name}</div>

<div class="conversation-preview">${lastMessage.content}</div>

</div>

`
```

```
<div class="conversation-time">${lastMessage.time}</div>
';

convElement.addEventListener('click', () => selectConversation(conversation.id));
conversationList.appendChild(convElement);
});

}

// Select a conversation
function selectConversation(conversationId) {
    // Remove active class from all conversations
    document.querySelectorAll('.conversation').forEach(conv => {
        conv.classList.remove('active');
    });

    // Add active class to selected conversation
    document.querySelector(`.conversation[data-id="${conversationId}"]`).classList.add('active');

    // Find the conversation
    currentConversation = users[currentUser].conversations.find(conv => conv.id ===
conversationId);

    // Update UI
    currentChatName.textContent = currentConversation.name;
    currentChatAvatar.textContent = currentConversation.avatar;
    currentChatStatus.textContent = currentConversation.status;

    // Render messages
    renderMessages();

    // Remove no conversation message
```

```
if (noConversation) {
    noConversation.remove();
    noConversation = null;
}

}

// Render messages for current conversation
function renderMessages() {
    chatMessages.innerHTML = "";

    currentConversation.messages.forEach(message => {
        const messageElement = document.createElement('div');
        messageElement.classList.add('message');
        messageElement.classList.add(message.sender === currentUser ? 'sent' : 'received');

        messageElement.innerHTML = `
            <div class="message-content">${message.content}</div>
            <div class="message-time">${message.time}</div>
        `;

        chatMessages.appendChild(messageElement);
    });
}

// Scroll to bottom
chatMessages.scrollTop = chatMessages.scrollHeight;
}

// Send a new message
function sendMessage() {
    if (!currentConversation || !messageInput.value.trim()) return;
```

```
// Create new message
const now = new Date();
const time = now.toLocaleTimeString([], { hour: '2-digit', minute: '2-digit' });

const newMessage = {
  sender: currentUser,
  content: messageInput.value.trim(),
  time: time
};

// Add to current conversation
currentConversation.messages.push(newMessage);

// Render messages
renderMessages();

// Clear input
messageInput.value = "";
}

// Initialize the app
init();
</script>
</body>
</html>
```

Dashboard.html

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

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

<title>TinyBeads - Dashboard</title>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" />

<style>

/* ... (Keep all your existing CSS as is) ... */

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

:root {
    --primary: #4361ee;
    --primary-dark: #3a56d4;
    --secondary: #7209b7;
    --accent: #f72585;
    --success: #2a9d8f;
    --warning: #f9c74f;
    --danger: #e63946;
    --light: #f8f9fa;
    --dark: #2d3748;
    --gray: #6c757d;
    --light-gray: #e9ecef;
}

body {
    background-color: #f5f7fa;
    color: var(--dark);
    line-height: 1.6;
}

header {
```

```
background: white;
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
padding: 15px 0;
}

.header-content {
    max-width: 1200px;
    margin: 0 auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0 20px;
}

.logo {
    font-size: 24px;
    font-weight: 700;
    color: var(--primary);
    text-decoration: none;
    display: flex;
    align-items: center;
}

.logo i {
    margin-right: 10px;
}

.help-center {
    margin-left: auto;
    color: #555;
    font-weight: 600;
    font-size: 16px;
    cursor: pointer;
    text-decoration: none;
}
```

```
.help-center:hover {  
  color: var(--primary);  
  text-decoration: underline;  
}  
  
.nav-links {  
  display: flex;  
  gap: 25px;  
  margin-left: 20px;  
}  
  
.nav-links a {  
  text-decoration: none;  
  color: #555;  
  font-weight: 500;  
  transition: color 0.3s;  
}  
  
.nav-links a:hover,  
.nav-links a.active {  
  color: var(--primary);  
}  
  
.user-menu {  
  display: flex;  
  align-items: center;  
  gap: 15px;  
}  
  
.user-avatar {  
  width: 40px;  
  height: 40px;  
  border-radius: 50%;  
  background: var(--primary);  
  color: white;  
  display: flex;
```

```
    align-items: center;
    justify-content: center;
    font-weight: bold;
}

.dashboard-container {
    max-width: 1200px;
    margin: 30px auto;
    padding: 0 20px;
}

.dashboard-header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    margin-bottom: 30px;
}

.dashboard-title {
    font-size: 28px;
    color: var(--dark);
}

.stats-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 20px;
    margin-bottom: 30px;
}

.stat-card {
    background: white;
    border-radius: 15px;
    padding: 25px;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
    display: flex;
```

```
    align-items: center;
    transition: transform 0.3s;
    cursor: pointer;
}

.stat-card:hover {
    transform: translateY(-5px);
}

.stat-icon {
    width: 60px;
    height: 60px;
    border-radius: 15px;
    display: flex;
    align-items: center;
    justify-content: center;
    margin-right: 15px;
    font-size: 24px;
}

.stat-icon.blue {
    background: rgba(67, 97, 238, 0.2);
    color: var(--primary);
}

.stat-icon.green {
    background: rgba(42, 157, 143, 0.2);
    color: var(--success);
}

.stat-icon.orange {
    background: rgba(249, 199, 79, 0.2);
    color: var(--warning);
}

.stat-icon.pink {
    background: rgba(247, 37, 133, 0.2);
```

```
    color: var(--accent);  
}  
  
.stat-info h3 {  
    font-size: 28px;  
    margin-bottom: 5px;  
}  
  
.stat-info p {  
    color: var(--gray);  
    font-size: 14px;  
}  
  
.features-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
    gap: 20px;  
}  
  
.feature-card {  
    background: white;  
    border-radius: 15px;  
    padding: 25px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);  
    transition: all 0.3s;  
    cursor: pointer;  
}  
  
.feature-card:hover {  
    transform: translateY(-5px);  
    box-shadow: 0 10px 25px rgba(0, 0, 0, 0.1);  
}  
  
.feature-icon {  
    width: 50px;  
    height: 50px;  
    border-radius: 12px;
```

```
display: flex;
align-items: center;
justify-content: center;
margin-bottom: 15px;
font-size: 20px;
color: white;

}

.feature-icon.courses {
background: var(--primary);
}

.feature-icon.students {
background: var(--secondary);
}

.feature-icon.progress {
background: var(--success);
}

.feature-icon.resources {
background: var(--accent);
}

.feature-title {
font-size: 18px;
margin-bottom: 10px;
font-weight: 600;
}

.feature-description {
color: var(--gray);
font-size: 14px;
margin-bottom: 15px;
}

.feature-link {
color: var(--primary);
```

```
    text-decoration: none;
    font-weight: 500;
    display: flex;
    align-items: center;
    gap: 5px;
}

@media (max-width: 768px) {

    .nav-links {
        display: none;
    }

    .dashboard-header {
        flex-direction: column;
        align-items: flex-start;
        gap: 15px;
    }
}

@media (max-width: 576px) {

    .header-content {
        flex-direction: column;
        gap: 15px;
    }

    .stats-grid,
    .features-grid {
        grid-template-columns: 1fr;
    }
}

</style>

</head>

<body>

    <!-- Header -->

    <header>
```

```
<div class="header-content">
  <a href="index.html" class="logo">
    <i class="fas fa-bezier-curve"></i> TinyBeads
  </a>
  <div class="nav-links">
    <!-- other links here if needed -->
  </div>
  <a href="Help.html" class="help-center">HELP </a>
</div>
</header>

<!-- Dashboard Content -->
<div class="dashboard-container">
  <div class="dashboard-header">
    <h1 class="dashboard-title">Dashboard</h1>
  </div>

  <!-- Stats Grid -->
  <div class="stats-grid">
    <div class="stat-card">
      <div class="stat-icon blue">
        <i class="fas fa-user-graduate"></i>
      </div>
      <div class="stat-info">
        <h3>42</h3>
        <p>Total Students</p>
      </div>
    </div>
    <div class="stat-card">
      <div class="stat-icon green">
        <i class="fas fa-book"></i>
      </div>
```

```
</div>

<div class="stat-info">
  <h3>8</h3>
  <p>Active Courses</p>
</div>
</div>

<div class="stat-card">
  <div class="stat-icon orange">
    <i class="fas fa-chart-line"></i>
  </div>
  <div class="stat-info">
    <h3>78%</h3>
    <p>Average Progress</p>
  </div>
</div>

<div class="stat-card">
  <div class="stat-icon pink">
    <i class="fas fa-trophy"></i>
  </div>
  <div class="stat-info">
    <h3>156</h3>
    <p>Achievements</p>
  </div>
</div>
</div>

<!-- Features Grid -->
<div class="features-grid">
  <div class="feature-card" onclick="location.href='courses.html'">
    <div class="feature-icon courses">
      <i class="fas fa-book-open"></i>
    </div>
  </div>
</div>
```

```
</div>

<h3 class="feature-title">Courses</h3>

<p class="feature-description">
    Browse and manage all available courses for your students.
</p>

<a href="courses.html" class="feature-link">View Courses <i class="fas fa-arrow-right"></i></a>

</div>

<div class="feature-card" onclick="location.href='progress.html'">
    <div class="feature-icon progress">
        <i class="fas fa-chart-bar"></i>
    </div>
    <h3 class="feature-title">Progress Tracking</h3>
    <p class="feature-description">
        Monitor and analyze student progress and performance.
    </p>
    <a href="progress.html" class="feature-link">View Progress <i class="fas fa-arrow-right"></i></a>
</div>

<div class="feature-card" onclick="location.href='/activities'">
    <div class="feature-icon resources">
        <i class="fas fa-file-alt"></i>
    </div>
    <h3 class="feature-title">Learning Resources</h3>
    <p class="feature-description">
        Access additional learning materials and resources.
    </p>
    <a href="/activities" class="feature-link">View Resources <i class="fas fa-arrow-right"></i></a>
</div>
```

```

        </div>
    </div>

<script>
    // Simple dashboard interactions

    document.addEventListener('DOMContentLoaded', function () {

        // Add click effect to cards

        const cards = document.querySelectorAll('.stat-card, .feature-card');

        cards.forEach((card) => {

            card.addEventListener('click', function () {

                this.style.transform = 'scale(0.98)';

                setTimeout(() => {
                    this.style.transform = "";
                }, 150);
            });
        });
    });

</script>
</body>
</html>

```

Lesson.html

```

<!DOCTYPE html>

<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />
        <title>Lesson Materials - Teacher Portal</title>
        <link
            rel="stylesheet"
            href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"

```

```
/>

<style>

/* Your entire CSS styling from before */

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif;
}

body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    color: #333;
    min-height: 100vh;
    padding: 20px;
}

.container {
    max-width: 1200px;
    margin: 0 auto;
    background: white;
    border-radius: 15px;
    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
    overflow: hidden;
}

header {
    background: #5c6bc0;
    color: white;
    padding: 20px;
    display: flex;
```

```
justify-content: space-between;  
align-items: center;  
}  
  
}
```

```
.logo {  
font-size: 24px;  
font-weight: bold;  
display: flex;  
align-items: center;  
}
```

```
.logo-icon {  
margin-right: 10px;  
font-size: 28px;  
}
```

```
.teacher-info {  
display: flex;  
align-items: center;  
}
```

```
.teacher-info span.back-link {  
cursor: pointer;  
color: white;  
font-weight: 600;  
font-size: 18px;  
user-select: none;  
}
```

```
.content {  
padding: 25px;
```

```
}
```

```
.page-title {  
    color: #5c6bc0;  
    margin-bottom: 20px;  
    padding-bottom: 10px;  
    border-bottom: 2px solid #e8eaf6;  
}
```

```
.materials-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));  
    gap: 20px;  
    margin: 20px 0;  
}
```

```
.material-card {  
    background: white;  
    border-radius: 10px;  
    overflow: hidden;  
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
    transition: transform 0.3s ease;  
    position: relative;  
}
```

```
.material-card:hover {  
    transform: translateY(-5px);  
    box-shadow: 0 6px 12px rgba(0, 0, 0, 0.15);  
}
```

```
.video-container {
```

```
position: relative;  
padding-top: 56.25%;  
background: #000;  
}
```

```
.video-thumbnail {  
position: absolute;  
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
object-fit: cover;  
}
```

```
.play-button {  
position: absolute;  
top: 50%;  
left: 50%;  
transform: translate(-50%, -50%);  
font-size: 50px;  
color: white;  
opacity: 0.8;  
transition: opacity 0.3s ease;  
}
```

```
.video-container:hover .play-button {  
opacity: 1;  
}
```

```
.material-details {  
padding: 15px;
```

```
}
```

```
.material-details h3 {  
  color: #5c6bc0;  
  margin-bottom: 10px;  
}  
  
.
```

```
.material-details p {  
  color: #666;  
  font-size: 14px;  
  margin-bottom: 15px;  
}  
  
.
```

```
.material-meta {  
  display: flex;  
  justify-content: space-between;  
  color: #888;  
  font-size: 12px;  
}  
  
.
```

```
.material-actions {  
  display: flex;  
  justify-content: space-between;  
  margin-top: 10px;  
}  
  
.
```

```
.btn {  
  display: inline-block;  
  padding: 8px 15px;  
  background: #5c6bc0;  
  color: white;
```

```
text-decoration: none;  
border-radius: 5px;  
font-weight: 600;  
transition: all 0.3s ease;  
border: none;  
cursor: pointer;  
font-size: 14px;  
}
```

```
.btn:hover {  
background: #3f51b5;  
transform: translateY(-2px);  
}
```

```
.btn:active {  
transform: translateY(0);  
}
```

```
.btn-secondary {  
background: #9fa8da;  
}
```

```
.btn-secondary:hover {  
background: #7986cb;  
}
```

```
.btn-danger {  
background: #ef5350;  
}
```

```
.btn-danger:hover {
```

```
background: #e53935;  
}
```

```
.upload-section {  
background: #f9f9f9;  
padding: 20px;  
border-radius: 10px;  
margin: 30px 0;  
}
```

```
.upload-section h2 {  
color: #5c6bc0;  
margin-bottom: 20px;  
}
```

```
.form-group {  
margin-bottom: 20px;  
}
```

```
.form-group label {  
display: block;  
margin-bottom: 8px;  
font-weight: 600;  
color: #555;  
}
```

```
.form-group input,  
.form-group select,  
.form-group textarea {  
width: 100%;  
padding: 12px;
```

```
border: 1px solid #ddd;  
border-radius: 5px;  
font-size: 16px;  
}
```

```
.form-group textarea {  
min-height: 120px;  
resize: vertical;  
}
```

```
.file-upload {  
border: 2px dashed #9fa8da;  
border-radius: 10px;  
padding: 25px;  
text-align: center;  
margin-bottom: 20px;  
cursor: pointer;  
transition: background 0.3s ease;  
}
```

```
.file-upload:hover {  
background: #e8eaf6;  
}
```

```
.file-upload i {  
font-size: 40px;  
color: #5c6bc0;  
margin-bottom: 10px;  
}
```

```
.file-upload p {
```

```
color: #666;  
}  
  
  
#video-name,  
#notes-name {  
margin-top: 10px;  
font-weight: 600;  
color: #5c6bc0;  
}  
  
  
.filter-bar {  
display: flex;  
justify-content: space-between;  
align-items: center;  
margin-bottom: 20px;  
padding: 15px;  
background: #e8eaf6;  
border-radius: 10px;  
}  
  
  
.search-box {  
display: flex;  
align-items: center;  
background: white;  
border-radius: 25px;  
padding: 5px 15px;  
width: 300px;  
border: 1px solid #ddd;  
}  
  
  
.search-box input {
```

```
border: none;  
padding: 10px;  
width: 100%;  
outline: none;  
background: transparent;  
}
```

```
.search-btn {  
background: none;  
border: none;  
cursor: pointer;  
color: #5c6bc0;  
}
```

```
.filter-options select {  
padding: 10px;  
border: 1px solid #ddd;  
border-radius: 5px;  
background: white;  
cursor: pointer;  
}
```

```
.stats {  
display: flex;  
gap: 20px;  
margin: 20px 0;  
}
```

```
.stat-item {  
background: white;  
padding: 20px;
```

```
border-radius: 10px;  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
flex: 1;  
text-align: center;  
}
```

```
.stat-item h3 {  
color: #5c6bc0;  
margin-bottom: 10px;  
}
```

```
.stat-item p {  
font-size: 24px;  
font-weight: bold;  
color: #3f51b5;  
}
```

```
.notification {  
position: fixed;  
top: 20px;  
right: 20px;  
padding: 15px 20px;  
background: #4caf50;  
color: white;  
border-radius: 5px;  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);  
z-index: 1000;  
transform: translateX(100%);  
transition: transform 0.3s ease;  
}
```

```
.notification.show {  
  transform: translateX(0);  
}  
  
}
```

```
.notification.error {  
  background: #f44336;  
}  
  
}
```

```
.modal {  
  display: none;  
  position: fixed;  
  top: 0;  
  left: 0;  
  width: 100%;  
  height: 100%;  
  background: rgba(0, 0, 0, 0.7);  
  z-index: 1000;  
  justify-content: center;  
  align-items: center;  
}  
  
}
```

```
.modal-content {  
  background: white;  
  padding: 30px;  
  border-radius: 10px;  
  width: 80%;  
  max-width: 500px;  
}  
  
}
```

```
.modal-header {  
  display: flex;
```

```
justify-content: space-between;  
align-items: center;  
margin-bottom: 20px;  
padding-bottom: 15px;  
border-bottom: 1px solid #eee;  
}
```

```
.modal-header h2 {  
color: #5c6bc0;  
margin: 0;  
}
```

```
.close-modal {  
background: none;  
border: none;  
font-size: 24px;  
cursor: pointer;  
color: #888;  
}
```

```
.modal-actions {  
display: flex;  
justify-content: flex-end;  
gap: 10px;  
margin-top: 20px;  
}
```

```
.video-player {  
width: 100%;  
max-height: 60vh;  
}
```

```
.empty-state {  
    grid-column: 1 / -1;  
    text-align: center;  
    padding: 40px;  
    color: #888;  
}  
  
.empty-state i {  
    font-size: 60px;  
    margin-bottom: 20px;  
    color: #c5cae9;  
}  
  
.delete-btn {  
    position: absolute;  
    top: 10px;  
    right: 10px;  
    background: rgba(239, 83, 80, 0.9);  
    color: white;  
    border: none;  
    border-radius: 50%;  
    width: 30px;  
    height: 30px;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    cursor: pointer;  
    opacity: 0;  
    transition: opacity 0.3s ease;  
    z-index: 10;  
}
```

```
}
```

```
.material-card:hover .delete-btn {
```

```
    opacity: 1;
```

```
}
```

```
@media (max-width: 768px) {
```

```
    .materials-grid {
```

```
        grid-template-columns: 1fr;
```

```
}
```

```
.filter-bar {
```

```
    flex-direction: column;
```

```
    gap: 15px;
```

```
}
```

```
.search-box {
```

```
    width: 100%;
```

```
}
```

```
.stats {
```

```
    flex-direction: column;
```

```
}
```

```
header {
```

```
    flex-direction: column;
```

```
    text-align: center;
```

```
    gap: 15px;
```

```
}
```

```
.teacher-info {
```

```
justify-content: center;  
}  
  
.modal-content {  
    width: 95%;  
    padding: 15px;  
}  
  
.delete-btn {  
    opacity: 1;  
}  
}  
</style>  
</head>  
<body>  
    <div class="container">  
        <header>  
            <div class="logo">  
                <span class="logo-icon"> </span>  
                <span>Abacus Academy Teacher Portal</span>  
            </div>  
            <div class="teacher-info">  
                <span class="back-link" onclick="history.back()"> BACK </span>  
            </div>  
        </header>  
        <div class="content">  
            <h1 class="page-title">Lesson Materials Management</h1>  
  
            <div class="stats">  
                <div class="stat-item">
```

```
<h3>Total Videos</h3>
<p id="total-videos">3</p>
</div>

<div class="stat-item">
  <h3>Total Notes</h3>
  <p id="total-notes">3</p>
</div>

<div class="stat-item">
  <h3>Storage Used</h3>
  <p>1.2 GB</p>
</div>
</div>

<div class="filter-bar">
  <div class="search-box">
    <input
      type="text"
      id="search-input"
      placeholder="Search materials..."
      autocomplete="off"
    />
    <button class="search-btn" id="search-btn">
      <i class="fas fa-search"></i>
    </button>
  </div>
  <div class="filter-options">
    <select id="category-filter">
      <option value="all">All Categories</option>
      <option value="introduction">Introduction</option>
      <option value="addition">Addition</option>
    </select>
  </div>
</div>
```

```
</div>
</div>

<div class="materials-grid" id="materials-grid"></div>

<div class="upload-section">
<h2><i class="fas fa-upload"></i> Upload New Material</h2>

<form id="upload-form">
<div class="form-group">
<label for="title">Title</label>
<input
  type="text"
  id="title"
  placeholder="Enter lesson title"
  required
/>
</div>

<div class="form-group">
<label for="description">Description</label>
<textarea
  id="description"
  placeholder="Enter lesson description"
  required
></textarea>
</div>

<div class="form-group">
<label for="category">Category</label>
<select id="category" required>
```

```
<option value="">Select a category</option>
<option value="introduction">Introduction</option>
<option value="addition">Addition</option>
<option value="subtraction">Subtraction</option>
<option value="multiplication">Multiplication</option>
<option value="division">Division</option>
<option value="advanced">Advanced Techniques</option>
</select>
</div>
```

```
<div class="form-group">
  <label>Upload Video</label>
  <div class="file-upload" id="video-upload">
    <i class="fas fa-video"></i>
    <p>Click to upload a video file</p>
    <p id="video-name"></p>
    <input
      type="file"
      accept="video/*"
      style="display: none"
      id="video-file"
      required
    />
  </div>
</div>
```

```
<div class="form-group">
  <label>Upload Notes (PDF)</label>
  <div class="file-upload" id="notes-upload">
    <i class="fas fa-file-pdf"></i>
    <p>Click to upload notes (PDF)</p>
  </div>
```

```
<p id="notes-name"></p>
<input
  type="file"
  accept=".pdf"
  style="display: none"
  id="notes-file"
/>
</div>
</div>

<button type="submit" class="btn">
  <i class="fas fa-cloud-upload-alt"></i> Upload Material
</button>
</form>
</div>
</div>

<!-- Video Modal -->
<div class="modal" id="video-modal">
  <div class="modal-content">
    <div class="modal-header">
      <h2 id="modal-title">Video Title</h2>
      <button class="close-modal">&times;</button>
    </div>
    <video controls class="video-player" id="modal-video">
      Your browser does not support the video tag.
    </video>
  </div>
</div>
```

```
<!-- Delete Confirmation Modal -->

<div class="modal" id="delete-modal">

  <div class="modal-content">
    <div class="modal-header">
      <h2>Confirm Delete</h2>
      <button class="close-modal">&times;</button>
    </div>
    <p>
      Are you sure you want to delete <strong id="delete-material-name"></strong>
      >? This action cannot be undone.
    </p>
    <div class="modal-actions">
      <button class="btn btn-secondary" id="cancel-delete">Cancel</button>
      <button class="btn btn-danger" id="confirm-delete">Delete</button>
    </div>
  </div>
</div>

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

<script>
  // Sample data for initial materials
  const sampleMaterials = [
    {
      id: 1,
      title: "Introduction to Abacus",
      description: "Basic abacus structure and how to hold it properly",
      category: "introduction",
      duration: "15:30",
      date: "Aug 12, 2023",
      thumbnail:

```

```
"https://img.youtube.com/vi/2d2Y79MV8cM/maxresdefault.jpg",
videoUrl:
  "https://sample-videos.com/zip/10/mp4/SampleVideo_1280x720_1mb.mp4",
},
{
  id: 2,
  title: "Basic Addition",
  description: "Adding single-digit numbers using the abacus",
  category: "addition",
  duration: "22:15",
  date: "Aug 18, 2023",
  thumbnail:
    "https://img.youtube.com/vi/KA5iOAK7QVw/maxresdefault.jpg",
  videoUrl:
    "https://sample-videos.com/zip/10/mp4/SampleVideo_1280x720_1mb.mp4",
},
{
  id: 3,
  title: "Carrying Technique",
  description: "How to handle carrying in addition problems",
  category: "addition",
  duration: "18:42",
  date: "Aug 25, 2023",
  thumbnail:
    "https://img.youtube.com/vi/fe5dVwVZ3gs/maxresdefault.jpg",
  videoUrl:
    "https://sample-videos.com/zip/10/mp4/SampleVideo_1280x720_1mb.mp4",
},
];
```

```
// Store for uploaded materials
```

```
let uploadedMaterials = [...sampleMaterials];

let materialToDelete = null;

document.addEventListener("DOMContentLoaded", function () {

    // Get elements

    const searchInput = document.getElementById("search-input");
    const searchBtn = document.getElementById("search-btn");
    const categoryFilter = document.getElementById("category-filter");
    const materialsGrid = document.getElementById("materials-grid");
    const videoUpload = document.getElementById("video-upload");
    const videoFile = document.getElementById("video-file");
    const videoName = document.getElementById("video-name");
    const notesUpload = document.getElementById("notes-upload");
    const notesFile = document.getElementById("notes-file");
    const notesName = document.getElementById("notes-name");
    const form = document.getElementById("upload-form");
    const notification = document.getElementById("notification");
    const videoModal = document.getElementById("video-modal");
    const modalVideo = document.getElementById("modal-video");
    const modalTitle = document.getElementById("modal-title");
    const closeModalButtons = document.querySelectorAll(".close-modal");
    const deleteModal = document.getElementById("delete-modal");
    const cancelDeleteBtn = document.getElementById("cancel-delete");
    const confirmDeleteBtn = document.getElementById("confirm-delete");
    const deleteMaterialName = document.getElementById("delete-material-name");
    const totalVideosElement = document.getElementById("total-videos");
    const totalNotesElement = document.getElementById("total-notes");

    // Load initial materials

    renderMaterials();
    updateStats();
})
```

```
// Search functionality

searchBtn.addEventListener("click", performSearch);
searchInput.addEventListener("keyup", function (e) {
  if (e.key === "Enter") {
    performSearch();
  }
});

function performSearch() {
  const searchTerm = searchInput.value.toLowerCase();
  const category = categoryFilter.value;

  const filteredMaterials = uploadedMaterials.filter((material) => {
    const matchesSearch =
      material.title.toLowerCase().includes(searchTerm) ||
      material.description.toLowerCase().includes(searchTerm);
    const matchesCategory = category === "all" || material.category === category;

    return matchesSearch && matchesCategory;
  });

  renderMaterials(filteredMaterials);
  showNotification(`Found ${filteredMaterials.length} materials`, "success");
}

// Category filter functionality

categoryFilter.addEventListener("change", performSearch);

// Video upload functionality

videoUpload.addEventListener("click", function () {
```

```
videoFile.click();

});

videoFile.addEventListener("change", function () {
  if (videoFile.files.length > 0) {
    videoName.textContent = videoFile.files[0].name;
  }
});

// Notes upload functionality
notesUpload.addEventListener("click", function () {
  notesFile.click();
});

notesFile.addEventListener("change", function () {
  if (notesFile.files.length > 0) {
    notesName.textContent = notesFile.files[0].name;
  }
});

// Form submission
form.addEventListener("submit", function (e) {
  e.preventDefault();

  // Simple validation
  const title = document.getElementById("title").value;
  const description = document.getElementById("description").value;
  const category = document.getElementById("category").value;

  if (!title) {
    showNotification("Please enter a title for your lesson", "error");
  }
});
```

```
    return;
}

if (!description) {
    showNotification("Please enter a description", "error");
    return;
}

if (!category) {
    showNotification("Please select a category", "error");
    return;
}

if (!videoFile.files.length) {
    showNotification("Please upload a video file", "error");
    return;
}

// Create a URL for the uploaded video
const videoUrl = URL.createObjectURL(videoFile.files[0]);

// Create a thumbnail for the video (in a real app, this would be generated properly)
const thumbnail = "https://img.youtube.com/vi/2d2Y79MV8cM/maxresdefault.jpg";

// Add new material to the list
const newMaterial = {
    id: uploadedMaterials.length + 1,
    title: title,
    description: description,
    category: category,
    duration: "New",
```

```
date: new Date().toLocaleDateString("en-US", {  
    month: "short",  
    day: "numeric",  
    year: "numeric",  
}),  
thumbnail: thumbnail,  
videoUrl: videoUrl,  
};  
  
uploadedMaterials.unshift(newMaterial);  
  
// Update the display  
renderMaterials();  
updateStats();  
  
// Show success message  
showNotification("Material uploaded successfully!", "success");  
  
// Reset form  
form.reset();  
videoName.textContent = "";  
notesName.textContent = "";  
});  
  
// Close modals  
closeModalButtons.forEach((button) => {  
    button.addEventListener("click", function () {  
        videoModal.style.display = "none";  
        deleteModal.style.display = "none";  
        modalVideo.pause();  
    });
```

```
});

// Cancel delete
cancelDeleteBtn.addEventListener("click", function () {
    deleteModal.style.display = "none";
    materialToDelete = null;
});

// Confirm delete
confirmDeleteBtn.addEventListener("click", function () {
    if (materialToDelete) {
        // Remove the material from the array
        uploadedMaterials = uploadedMaterials.filter(
            (material) => material.id !== materialToDelete.id
        );
    }

    // Update the display
    renderMaterials();
    updateStats();

    // Show success message
    showNotification("'" + materialToDelete.title + "' has been deleted", "success");

    // Close the modal
    deleteModal.style.display = "none";
    materialToDelete = null;
}

});

// Close modal when clicking outside
window.addEventListener("click", function (event) {
```

```
if (event.target === videoModal || event.target === deleteModal) {
    videoModal.style.display = "none";
    deleteModal.style.display = "none";
    modalVideo.pause();
    materialToDelete = null;
}

});

// Render materials to the grid
function renderMaterials(materials = uploadedMaterials) {
    materialsGrid.innerHTML = "";

    if (materials.length === 0) {
        materialsGrid.innerHTML = `
            <div class="empty-state">
                <i class="fas fa-video-slash"></i>
                <h3>No materials found</h3>
                <p>Try changing your search criteria or upload a new video</p>
            </div>
        `;
        return;
    }

    materials.forEach((material) => {
        const materialCard = document.createElement("div");
        materialCard.className = "material-card";
        materialCard.setAttribute("data-category", material.category);
        materialCard.setAttribute("data-id", material.id);

        materialCard.innerHTML = `
            <button class="delete-btn" title="Delete this material">

```

```

        <i class="fas fa-times"></i>
    </button>

    <div class="video-container">
        
        <div class="play-button"><i class="fas fa-play-circle"></i></div>
    </div>

    <div class="material-details">
        <h3>${material.title}</h3>
        <p>${material.description}</p>
        <div class="material-meta">
            <span><i class="far fa-clock"></i> ${material.duration}</span>
            <span><i class="far fa-calendar"></i> ${material.date}</span>
        </div>
        <div class="material-actions">
            <button class="btn download-notes-btn"><i class="fas fa-download"></i>
Notes</button>
            <button class="btn btn-secondary edit-btn"><i class="fas fa-edit"></i>
Edit</button>
        </div>
    </div>
    ;
}

// Add click event to play video
const playButton = materialCard.querySelector(".video-container");
playButton.addEventListener("click", function () {
    modalTitle.textContent = material.title;
    modalVideo.src = material.videoUrl;
    videoModal.style.display = "flex";
});

// Add functionality to delete button
const deleteButton = materialCard.querySelector(".delete-btn");

```

```
deleteButton.addEventListener("click", function (e) {
  e.stopPropagation();
  materialToDelete = material;
  deleteMaterialName.textContent = material.title;
  deleteModal.style.display = "flex";
});

// Add functionality to download buttons
const downloadButton = materialCard.querySelector(".download-notes-btn");
downloadButton.addEventListener("click", function (e) {
  e.stopPropagation();
  showNotification(`Downloading notes for: ${material.title}`, "success");
});

// Add functionality to edit buttons
const editButton = materialCard.querySelector(".edit-btn");
editButton.addEventListener("click", function (e) {
  e.stopPropagation();
  showNotification(`Editing: ${material.title}`, "success");
});

materialsGrid.appendChild(materialCard);
});

}

// Update statistics
function updateStats() {
  totalVideosElement.textContent = uploadedMaterials.length;
  totalNotesElement.textContent = uploadedMaterials.length;
}
```

```

// Notification function

function showNotification(message, type = "success") {
    notification.textContent = message;
    notification.className = "notification show";

    if (type === "error") {
        notification.classList.add("error");
    } else {
        notification.classList.remove("error");
    }

    setTimeout(() => {
        notification.classList.remove("show");
    }, 3000);
}

});

</script>

</body>

</html>

```

Login.html

```

<!DOCTYPE html>

<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />
        <title>Login - TinyBeads</title>
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" />
        <style>
            /* Your previous CSS */

```

```
* {  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
  
.root {  
    --primary: #4361ee;  
    --primary-dark: #3a56d4;  
    --secondary: #7209b7;  
    --accent: #f72585;  
    --success: #2a9d8f;  
    --warning: #f9c74f;  
    --danger: #e63946;  
    --light: #f8f9fa;  
    --dark: #2d3748;  
    --gray: #6c757d;  
    --light-gray: #e9ecef;  
}  
  
body {  
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfec 100%);  
    color: var(--dark);  
    line-height: 1.6;  
    min-height: 100vh;  
    display: flex;  
    flex-direction: column;  
}  
  
header {  
    background: white;  
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);  
    padding: 15px 0;
```

```
}

.header-content {
    max-width: 1200px;
    margin: 0 auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0 20px;
}

.logo {
    font-size: 24px;
    font-weight: 700;
    color: var(--primary);
    text-decoration: none;
    display: flex;
    align-items: center;
}

.logo i {
    margin-right: 10px;
}

.main-container {
    flex: 1;
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 40px 20px;
}

.login-card {
    background: white;
    border-radius: 15px;
    padding: 40px;
```

```
    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
    width: 100%;
    max-width: 450px;
}

.login-header {
    text-align: center;
    margin-bottom: 30px;
}

.login-title {
    font-size: 28px;
    margin-bottom: 10px;
    color: var(--dark);
}

.login-subtitle {
    color: var(--gray);
}

.form-group {
    margin-bottom: 20px;
}

.form-group label {
    display: block;
    margin-bottom: 8px;
    font-weight: 500;
    color: var(--dark);
}

.form-control {
    width: 100%;
    padding: 15px;
    border: 2px solid var(--light-gray);
    border-radius: 10px;
    font-size: 16px;
}
```

```
    transition: border-color 0.3s;
}

.form-control:focus {
    border-color: var(--primary);
    outline: none;
}

.forgot-password {
    display: block;
    text-align: right;
    margin-bottom: 20px;
    color: var(--primary);
    text-decoration: none;
    font-size: 0.9em;
}

.login-btn {
    width: 100%;
    padding: 15px;
    background: var(--primary);
    color: white;
    border: none;
    border-radius: 10px;
    font-size: 16px;
    font-weight: 600;
    cursor: pointer;
    transition: background 0.3s;
}

.login-btn:hover {
    background: var(--primary-dark);
}

.divider {
    text-align: center;
```

```
margin: 25px 0;  
position: relative;  
}  
.divider::before {  
content: "";  
position: absolute;  
left: 0;  
top: 50%;  
width: 100%;  
height: 1px;  
background: var(--light-gray);  
}  
.divider span {  
background: white;  
position: relative;  
padding: 0 15px;  
color: var(--gray);  
}  
.social-login {  
display: flex;  
justify-content: center;  
gap: 15px;  
margin-bottom: 20px;  
}  
.social-btn {  
width: 50px;  
height: 50px;  
border-radius: 50%;  
display: flex;  
align-items: center;  
justify-content: center;
```

```
background: var(--light);
border: 1px solid var(--light-gray);
cursor: pointer;
transition: all 0.3s;

}

.social-btn:hover {
    background: var(--primary);
    color: white;
}

.signup-link {
    text-align: center;
    margin-top: 20px;
    color: var(--gray);
}

.signup-link a {
    color: var(--primary);
    text-decoration: none;
    font-weight: 600;
}

.back-link {
    display: inline-flex;
    align-items: center;
    gap: 8px;
    color: var(--primary);
    text-decoration: none;
    font-weight: 500;
    margin-top: 20px;
}

/* User Type Styles */

.user-type {
    display: flex;
```

```
gap: 15px;  
margin-top: 5px;  
}  
.user-type-option {  
  cursor: pointer;  
  border: 2px solid var(--light-gray);  
  border-radius: 10px;  
  padding: 12px 15px;  
  flex: 1;  
  text-align: center;  
  transition: border-color 0.3s, background-color 0.3s;  
  color: var(--dark);  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  font-weight: 600;  
}  
.user-type-option i {  
  font-size: 24px;  
  margin-bottom: 8px;  
  color: var(--primary);  
}  
.user-type-option.selected {  
  background-color: var(--primary);  
  color: white;  
  border-color: var(--primary-dark);  
}  
.user-type-option.selected i {  
  color: white;  
}  
@media (max-width: 768px) {
```

```
.footer-content {  
    grid-template-columns: 1fr;  
}  
  
.footer-column ul {  
    justify-content: center;  
}  
  
}  
  
@media (max-width: 576px) {  
  
.login-card {  
    padding: 25px;  
}  
  
.footer-column ul {  
    flex-direction: column;  
    align-items: center;  
    gap: 10px;  
}  
  
}  
  
</style>  
  
</head>  
  
<body>  
  
<header>  
  
<div class="header-content">  
  
<a href="{{ url_for('home') }}" class="logo">  
    <i class="fas fa-bezier-curve"></i> TinyBeads  
</a>  
  
</div>  
  
</header>  
  
  
<div class="main-container">  
  
<div class="login-card">  
    <div class="login-header">
```

```
<h1 class="login-title">Welcome Back</h1>
<p class="login-subtitle">Sign in to continue your learning journey</p>
</div>

<form id="loginForm" action="{{ url_for('login') }}" method="post">
  <div class="form-group">
    <label for="email">Email Address</label>
    <input type="email" id="email" name="email" class="form-control" placeholder="Enter your email" required />
  </div>

  <div class="form-group">
    <label for="password">Password</label>
    <input type="password" id="password" name="password" class="form-control" placeholder="Enter your password" required />
  </div>

  <div class="form-group">
    <label>I am a: *</label>
    <div class="user-type">
      <div class="user-type-option" onclick="selectUserType(this, 'student')" tabindex="0" role="button" aria-pressed="false">
        <i class="fas fa-user-graduate"></i>
        <div>Student</div>
      </div>
      <div class="user-type-option" onclick="selectUserType(this, 'teacher')" tabindex="0" role="button" aria-pressed="false">
        <i class="fas fa-chalkboard-teacher"></i>
        <div>Teacher</div>
      </div>
    </div>
  </div>
</form>
```

```
<input type="hidden" id="userTypeInput" name="user_type" required>
</div>

<button type="submit" class="login-btn">Login</button>
</form>

<div class="divider">
    <span>Or continue with</span>
</div>

<div class="social-login">
    <div class="social-btn"><i class="fab fa-google"></i></div>
    <div class="social-btn"><i class="fab fa-facebook-f"></i></div>
    <div class="social-btn"><i class="fab fa-apple"></i></div>
</div>

<div class="signup-link">
    Don't have an account? <a href="{{ url_for('register') }}">Sign up now</a>
</div>

<a href="{{ url_for('home') }}" class="back-link">
    <i class="fas fa-arrow-left"></i> Back to Home
</a>
</div>
</div>

<footer>
    <div class="footer-content">
        <div class="footer-column">
            <h3>TinyBeads</h3>
            <ul>
```

```
<li><a href="#">About Us</a></li>
<li><a href="#">Our Team</a></li>
<li><a href="#">Careers</a></li>
<li><a href="#">Blog</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Learn</h3>
<ul>
<li><a href="#">Courses</a></li>
<li><a href="#">Pricing</a></li>
<li><a href="#">Certification</a></li>
<li><a href="#">Success Stories</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Support</h3>
<ul>
<li><a href="#">FAQ</a></li>
<li><a href="#">Contact Us</a></li>
<li><a href="#">Help Center</a></li>
<li><a href="#">Terms of Service</a></li>
</ul>
</div>

<div class="footer-column">
<h3>Connect With Us</h3>
<ul>
<li><a href="#"><i class="fab fa-facebook-f"></i> Facebook</a></li>
<li><a href="#"><i class="fab fa-instagram"></i> Instagram</a></li>
<li><a href="#"><i class="fab fa-twitter"></i> Twitter</a></li>
<li><a href="#"><i class="fab fa-youtube"></i> YouTube</a></li>
```

```
</ul>
</div>
</div>

<div class="copyright">
    © 2023 TinyBeads. All rights reserved.
</div>
</footer>

<script>
    // JavaScript to handle user type selection

    function selectUserType(element, userType) {
        // Remove selected class from all options
        document.querySelectorAll('.user-type-option').forEach(opt => {
            opt.classList.remove('selected');
            opt.setAttribute('aria-pressed', 'false');
        });
        // Add selected class to clicked option
        element.classList.add('selected');
        element.setAttribute('aria-pressed', 'true');
        // Set hidden input value for form submission
        document.getElementById('userTypeInput').value = userType;
    }

    // Form submission handler with conditional redirect
    document.getElementById('loginForm').addEventListener('submit', function(event) {
        event.preventDefault(); // prevent default submission for demonstration

        const userType = document.getElementById('userTypeInput').value;

        if (!userType) {
            alert('Please select a user type!');
        }
    })
</script>
```

```

        return;
    }

// You can add validation for other inputs here if needed

// Redirect based on selected user type
if (userType === 'student') {
    window.location.href = '/dashboard'; // redirect to dashboard route
} else if (userType === 'teacher') {
    window.location.href = '/teacher'; // redirect to teacher route
} else {
    alert('Login for this user type is not implemented yet.');
}
});

</script>

</body>
</html>

```

```

P_report.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>AbacusMaster - Student Progress Report</title>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">

<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

<style>

* {
    margin: 0;

```

```
padding: 0;  
box-sizing: border-box;  
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
}  
  
}
```

```
body {  
background-color: #f8f9fa;  
color: #333;  
line-height: 1.6;  
}
```

```
.header {  
background: linear-gradient(135deg, #6a11cb 0%, #2575fc 100%);  
color: white;  
padding: 1rem 2rem;  
display: flex;  
justify-content: space-between;  
align-items: center;  
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.2);  
}
```

```
.logo {  
display: flex;  
align-items: center;  
gap: 10px;  
font-size: 1.5rem;  
font-weight: 600;  
}
```

```
.logo i {  
font-size: 1.8rem;
```

```
}
```

```
.user-info {  
    display: flex;  
    align-items: center;  
    gap: 10px;  
}
```

```
.user-avatar {  
    width: 40px;  
    height: 40px;  
    border-radius: 50%;  
    background-color: #fff;  
    color: #6a11cb;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    font-weight: bold;  
}
```

```
.container {  
    max-width: 1200px;  
    margin: 2rem auto;  
    padding: 0 1rem;  
}
```

```
.page-title {  
    font-size: 2rem;  
    font-weight: 700;  
    color: #2c3e50;  
    margin-bottom: 1.5rem;
```

```
    text-align: center;  
}  
  
.controls {  
    background-color: white;  
    border-radius: 10px;  
    padding: 1.5rem;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.08);  
    margin-bottom: 2rem;  
}  
  
.filters {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
    gap: 1.5rem;  
    margin-bottom: 1.5rem;  
}  
  
.filter-group {  
    display: flex;  
    flex-direction: column;  
}  
  
.filter-group label {  
    font-weight: 600;  
    margin-bottom: 0.5rem;  
    color: #2c3e50;  
}  
  
.filter-group select, .filter-group input {  
    padding: 0.8rem 1rem;
```

```
border: 1px solid #ddd;
border-radius: 6px;
font-size: 1rem;
outline: none;
transition: border-color 0.3s;
}

.filter-group select:focus, .filter-group input:focus {
  border-color: #6a11cb;
}

.actions {
  display: flex;
  justify-content: center;
  gap: 1rem;
}

.btn {
  padding: 0.8rem 1.5rem;
  border: none;
  border-radius: 6px;
  font-size: 1rem;
  font-weight: 600;
  cursor: pointer;
  transition: all 0.3s;
  display: flex;
  align-items: center;
  gap: 0.5rem;
}

.btn-primary {
```

```
background: linear-gradient(135deg, #6a11cb 0%, #2575fc 100%);  
color: white;  
}  
  
.btn-primary:hover {  
    opacity: 0.9;  
    transform: translateY(-2px);  
}  
  
.btn-secondary {  
    background-color: #e0e0e0;  
    color: #555;  
}  
  
.btn-secondary:hover {  
    background-color: #d0d0d0;  
}  
  
.report-container {  
    background-color: white;  
    border-radius: 10px;  
    padding: 2rem;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.08);  
}  
  
.report-header {  
    text-align: center;  
    margin-bottom: 2rem;  
    padding-bottom: 1rem;  
    border-bottom: 2px solid #eee;  
}
```

```
.school-name {  
    font-size: 1.8rem;  
    font-weight: 700;  
    color: #2c3e50;  
    margin-bottom: 0.5rem;  
}  
  
.report-title {  
    font-size: 1.5rem;  
    color: #6a11cb;  
    margin-bottom: 0.5rem;  
}  
  
.student-info {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
    gap: 1.5rem;  
    margin-bottom: 2rem;  
}  
  
.info-group {  
    display: flex;  
    flex-direction: column;  
}  
  
.info-label {  
    font-weight: 600;  
    color: #7f8c8d;  
    font-size: 0.9rem;  
}
```

```
.info-value {  
    font-size: 1.1rem;  
    color: #2c3e50;  
}  
  
.skills-container {  
    margin-bottom: 2rem;  
}  
  
.skills-title {  
    font-size: 1.3rem;  
    color: #2c3e50;  
    margin-bottom: 1rem;  
    padding-bottom: 0.5rem;  
    border-bottom: 1px solid #eee;  
}  
  
.skill-cards {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
    gap: 1.5rem;  
}  
  
.skill-card {  
    background-color: #f8f9fa;  
    border-radius: 8px;  
    padding: 1.5rem;  
    text-align: center;  
    transition: transform 0.3s;  
}
```

```
.skill-card:hover {  
    transform: translateY(-5px);  
}  
  
.skill-icon {  
    font-size: 2.5rem;  
    color: #6a11cb;  
    margin-bottom: 1rem;  
}  
  
.skill-name {  
    font-weight: 600;  
    color: #2c3e50;  
    margin-bottom: 0.5rem;  
}  
  
.skill-level {  
    height: 10px;  
    background-color: #e0e0e0;  
    border-radius: 5px;  
    margin: 1rem 0;  
    overflow: hidden;  
}  
  
.skill-progress {  
    height: 100%;  
    border-radius: 5px;  
    background: linear-gradient(135deg, #6a11cb 0%, #2575fc 100%);  
}
```

```
.skill-value {  
    font-size: 1.2rem;  
    font-weight: 700;  
    color: #6a11cb;  
}  
  
.progress-table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-bottom: 2rem;  
}  
  
.progress-table th, .progress-table td {  
    padding: 1rem;  
    text-align: left;  
    border-bottom: 1px solid #eee;  
}  
  
.progress-table th {  
    background-color: #f8f9fa;  
    font-weight: 600;  
    color: #2c3e50;  
}  
  
.progress-table tr:hover {  
    background-color: #f5f7fb;  
}  
  
.level-badge {  
    display: inline-block;  
    padding: 0.3rem 0.8rem;  
}
```

```
border-radius: 20px;  
font-weight: 600;  
font-size: 0.8rem;  
}  
  
.level-beginner {  
background-color: #ffea7;  
color: #d35400;  
}  
  
.level-intermediate {  
background-color: #81ecec;  
color: #00b894;  
}  
  
.level-advanced {  
background-color: #a29bfe;  
color: #6c5ce7;  
}  
  
.level-master {  
background-color: #fd79a8;  
color: #e84393;  
}  
  
.summary {  
display: grid;  
grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
gap: 1.5rem;  
margin-bottom: 2rem;  
}
```

```
.summary-card {  
    background-color: #f8f9fa;  
    border-radius: 8px;  
    padding: 1.5rem;  
    text-align: center;  
}
```

```
.summary-value {  
    font-size: 2rem;  
    font-weight: 700;  
    color: #6a11cb;  
    margin: 0.5rem 0;  
}
```

```
.summary-label {  
    color: #7f8c8d;  
    font-weight: 600;  
}
```

```
.comments {  
    margin-top: 2rem;  
}
```

```
.comments h3 {  
    color: #2c3e50;  
    margin-bottom: 1rem;  
}
```

```
.teacher-comment {  
    background-color: #f8f9fa;
```

```
border-left: 4px solid #6a11cb;  
padding: 1.5rem;  
border-radius: 0 8px 8px 0;  
}
```

```
.signature {  
margin-top: 3rem;  
text-align: right;  
}
```

```
.signature-line {  
border-top: 1px solid #ddd;  
width: 300px;  
margin-left: auto;  
margin-top: 4rem;  
}
```

```
.signature-label {  
color: #7f8c8d;  
font-size: 0.9rem;  
margin-top: 0.5rem;  
}
```

```
.footer {  
text-align: center;  
margin-top: 2rem;  
padding: 1rem;  
color: #7f8c8d;  
font-size: 0.9rem;  
}
```

```
.print-btn {  
    margin-top: 1rem;  
    display: flex;  
    justify-content: center;  
}  
  
@media (max-width: 768px) {  
    .filters {  
        grid-template-columns: 1fr;  
    }  
  
    .student-info, .summary, .skill-cards {  
        grid-template-columns: 1fr;  
    }  
  
    .actions {  
        flex-direction: column;  
    }  
  
    .btn {  
        width: 100%;  
    }  
}  
  
.abacus-visual {  
    display: flex;  
    justify-content: center;  
    margin: 2rem 0;  
}  
  
.abacus {
```

```
    display: flex;  
    background: #8c7b6b;  
    padding: 1rem;  
    border-radius: 10px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2);  
}
```

```
.abacus-column {  
    display: flex;  
    flex-direction: column;  
    align-items: center;  
    margin: 0 0.5rem;  
}
```

```
.abacus-beam {  
    width: 50px;  
    height: 5px;  
    background: #d35400;  
    margin: 5px 0;  
}
```

```
.abacus-bead {  
    width: 40px;  
    height: 25px;  
    background: #e17055;  
    border-radius: 10px;  
    margin: 2px 0;  
    cursor: pointer;  
}
```

```
.abacus-bead.active {
```

```
background: #fd79a8;
}

.chart-container {
  margin: 2rem 0;
  background: white;
  padding: 1.5rem;
  border-radius: 10px;
  box-shadow: 0 5px 15px rgba(0, 0, 0, 0.08);
}

.chart-title {
  font-size: 1.3rem;
  color: #2c3e50;
  margin-bottom: 1rem;
  text-align: center;
}

.badges-container {
  display: flex;
  justify-content: center;
  gap: 1rem;
  margin: 1.5rem 0;
  flex-wrap: wrap;
}

.badge {
  display: flex;
  flex-direction: column;
  align-items: center;
  background: #f8f9fa;
```

```
padding: 1rem;
border-radius: 10px;
min-width: 100px;
}

.badge-icon {
  font-size: 2rem;
  color: #6a11cb;
  margin-bottom: 0.5rem;
}

.badge-title {
  font-weight: 600;
  color: #2c3e50;
  font-size: 0.9rem;
  text-align: center;
}

.badge-earned {
  background: linear-gradient(135deg, #6a11cb 0%, #2575fc 100%);
  color: white;
}

.badge-earned .badge-icon {
  color: white;
}

.tabs {
  display: flex;
  margin-bottom: 1.5rem;
  border-bottom: 1px solid #ddd;
```

```
}

.tab {
    padding: 0.8rem 1.5rem;
    cursor: pointer;
    border-bottom: 3px solid transparent;
    transition: all 0.3s;
}

.tab.active {
    border-bottom: 3px solid #6a11cb;
    color: #6a11cb;
    font-weight: 600;
}

.tab-content {
    display: none;
}

.tab-content.active {
    display: block;
}

.goals-list {
    list-style-type: none;
}

.goal-item {
    display: flex;
    align-items: center;
    padding: 0.8rem 0;
}
```

```
border-bottom: 1px solid #eee;
}

.goal-checkbox {
    margin-right: 1rem;
    width: 20px;
    height: 20px;
}

.goal-text {
    flex: 1;
}

.goal-completed {
    text-decoration: line-through;
    color: #7f8c8d;
}

</style>

</head>

<body>

    <div class="header">
        <div class="logo">
            <i class="fas fa-calculator"></i>
            <span>AbacusMaster</span>
        </div>
        <div class="user-info">
            <div class="user-avatar">IM</div>
            <div>Instructor Maria</div>
        </div>
    </div>

</body>
```

```
<div class="container">  
    <h1 class="page-title">Abacus Learning Progress Report</h1>  
  
    <div class="controls">  
        <div class="filters">  
            <div class="filter-group">  
                <label for="student-select">Select Student</label>  
                <select id="student-select">  
                    <option value="student1">Emma Smith</option>  
                    <option value="student2">Michael Johnson</option>  
                    <option value="student3">Sarah Rodriguez</option>  
                    <option value="student4">David Wilson</option>  
                    <option value="student5">Sophia Brown</option>  
                </select>  
            </div>  
  
            <div class="filter-group">  
                <label for="term-select">Learning Period</label>  
                <select id="term-select">  
                    <option value="term1">Last 30 Days</option>  
                    <option value="term2">Last 90 Days</option>  
                    <option value="term3">All Time</option>  
                </select>  
            </div>  
  
            <div class="filter-group">  
                <label for="report-type">Report Type</label>  
                <select id="report-type">  
                    <option value="detailed">Detailed Report</option>  
                    <option value="summary">Summary Report</option>  
                    <option value="skills">Skills Focus</option>  
                </select>  
            </div>  
        </div>  
    </div>  
</div>
```

```
</select>
</div>
</div>

<div class="actions">
  <button class="btn btn-primary" id="generate-btn">
    <i class="fas fa-file-alt"></i> Generate Report
  </button>
  <button class="btn btn-secondary" id="compare-btn">
    <i class="fas fa-chart-line"></i> Compare Progress
  </button>
  <button class="btn btn-secondary" id="goals-btn">
    <i class="fas fa-bullseye"></i> View Goals
  </button>
</div>
</div>

<div class="tabs">
  <div class="tab active" data-tab="report">Progress Report</div>
  <div class="tab" data-tab="analytics">Performance Analytics</div>
  <div class="tab" data-tab="goals">Learning Goals</div>
</div>

<div class="tab-content active" id="report-tab">
  <div class="report-container" id="report-container">
    <div class="report-header">
      <div class="school-name">AbacusMaster Learning Center</div>
      <div class="report-title">Student Progress Report</div>
      <div class="academic-term">Last 30 Days</div>
    </div>
  </div>
</div>
```

```
<div class="student-info">  
  <div class="info-group">  
    <span class="info-label">Student Name</span>  
    <span class="info-value">Emma Smith</span>  
  </div>  
  
  <div class="info-group">  
    <span class="info-label">Current Level</span>  
    <span class="info-value">Intermediate 2</span>  
  </div>  
  
  <div class="info-group">  
    <span class="info-label">Student ID</span>  
    <span class="info-value">#ABACUS-2023-1085</span>  
  </div>  
  
  <div class="info-group">  
    <span class="info-label">Instructor</span>  
    <span class="info-value">Instructor Maria</span>  
  </div>  
 </div>  
  
<div class="abacus-visual">  
  <div class="abacus">  
    <div class="abacus-column">  
      <div class="abacus-bead"></div>  
      <div class="abacus-bead active"></div>  
      <div class="abacus-beam"></div>  
      <div class="abacus-bead"></div>  
      <div class="abacus-bead"></div>  
      <div class="abacus-bead"></div>  
    </div>  
  </div>  
</div>
```

```
<div class="abacus-bead"></div>
</div>

<div class="abacus-column">
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-beam"></div>
    <div class="abacus-bead active"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
</div>

<div class="abacus-column">
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-beam"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead active"></div>
    <div class="abacus-bead"></div>
</div>

<div class="abacus-column">
    <div class="abacus-bead active"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-beam"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
    <div class="abacus-bead"></div>
</div>

</div>
</div>
```

```
<div class="skills-container">  
  <h3 class="skills-title">Abacus Skills Progress</h3>  
  <div class="skill-cards">  
    <div class="skill-card">  
      <div class="skill-icon">  
        <i class="fas fa-plus-circle"></i>  
      </div>  
      <div class="skill-name">Addition</div>  
      <div class="skill-level">  
        <div class="skill-progress" style="width: 85%;"></div>  
      </div>  
      <div class="skill-value">85% Mastery</div>  
    </div>  
  
    <div class="skill-card">  
      <div class="skill-icon">  
        <i class="fas fa-minus-circle"></i>  
      </div>  
      <div class="skill-name">Subtraction</div>  
      <div class="skill-level">  
        <div class="skill-progress" style="width: 78%;"></div>  
      </div>  
      <div class="skill-value">78% Mastery</div>  
    </div>  
  
    <div class="skill-card">  
      <div class="skill-icon">  
        <i class="fas fa-times-circle"></i>  
      </div>  
      <div class="skill-name">Multiplication</div>
```

```
<div class="skill-level">
  <div class="skill-progress" style="width: 65%;"></div>
</div>
<div class="skill-value">65% Mastery</div>
</div>

<div class="skill-card">
  <div class="skill-icon">
    <i class="fas fa-divide"></i>
  </div>
  <div class="skill-name">Division</div>
  <div class="skill-level">
    <div class="skill-progress" style="width: 60%;"></div>
  </div>
  <div class="skill-value">60% Mastery</div>
  </div>
</div>
</div>

<h3>Recent Practice Sessions</h3>
<table class="progress-table">
  <thead>
    <tr>
      <th>Date</th>
      <th>Exercise Type</th>
      <th>Problems Solved</th>
      <th>Accuracy</th>
      <th>Speed (problems/min)</th>
      <th>Level</th>
    </tr>
  </thead>
```

```
<tbody>
  <tr>
    <td>Oct 12, 2023</td>
    <td>Addition</td>
    <td>50</td>
    <td>94%</td>
    <td>12</td>
    <td><span class="level-badge level-intermediate">Intermediate</span></td>
  </tr>
  <tr>
    <td>Oct 10, 2023</td>
    <td>Multiplication</td>
    <td>40</td>
    <td>82%</td>
    <td>8</td>
    <td><span class="level-badge level-intermediate">Intermediate</span></td>
  </tr>
  <tr>
    <td>Oct 8, 2023</td>
    <td>Subtraction</td>
    <td>45</td>
    <td>88%</td>
    <td>10</td>
    <td><span class="level-badge level-intermediate">Intermediate</span></td>
  </tr>
  <tr>
    <td>Oct 5, 2023</td>
    <td>Division</td>
    <td>35</td>
    <td>75%</td>
    <td>7</td>
  
```

```
<td><span class="level-badge level-beginner">Beginner</span></td>
</tr>

<tr>
  <td>Oct 3, 2023</td>
  <td>Mixed Operations</td>
  <td>60</td>
  <td>80%</td>
  <td>9</td>
  <td><span class="level-badge level-intermediate">Intermediate</span></td>
</tr>
</tbody>
</table>
```

```
<div class="summary">
  <div class="summary-card">
    <div class="summary-label">Total Practice Hours</div>
    <div class="summary-value">36.5</div>
    <div class="summary-subtitle">Last 30 days</div>
  </div>
```

```
<div class="summary-card">
  <div class="summary-label">Average Accuracy</div>
  <div class="summary-value">87%</div>
  <div class="summary-subtitle">Across all exercises</div>
</div>
```

```
<div class="summary-card">
  <div class="summary-label">Speed Gain</div>
  <div class="summary-value">+22%</div>
  <div class="summary-subtitle">Since last month</div>
</div>
```

```
</div>

<div class="comments">
    <h3>Instructor's Comments</h3>
    <div class="teacher-comment">
        <p>Emma has shown remarkable progress in her abacus skills over the past month. Her addition and subtraction skills are now at an advanced level, and she's making good progress with multiplication.</p>
        <p>I've noticed that her mental calculation speed has improved by 22% since last month, which is excellent. She consistently practices and has completed 36.5 hours of practice in the last 30 days.</p>
        <p>For further improvement, I recommend focusing on division exercises and practicing mixed operations to build more fluency. Emma should aim for at least 15 minutes of daily practice to maintain her progress.</p>
    </div>
</div>

<div class="signature">
    <div class="signature-line"></div>
    <div class="signature-label">Instructor Maria, AbacusMaster Certified Instructor</div>
</div>

<div class="print-btn">
    <button class="btn btn-primary" id="print-btn">
        <i class="fas fa-print"></i> Print Report
    </button>
</div>
</div>
</div>

<div class="tab-content" id="analytics-tab">
    <div class="chart-container">
        <h3 class="chart-title">Skill Progress Over Time</h3>
```

```
<canvas id="progress-chart" height="250"></canvas>
</div>

<div class="chart-container">
  <h3 class="chart-title">Weekly Practice Time</h3>
  <canvas id="practice-chart" height="250"></canvas>
</div>

<div class="badges-container">
  <div class="badge badge-earned">
    <div class="badge-icon"><i class="fas fa-medal"></i></div>
    <div class="badge-title">Addition Master</div>
  </div>

  <div class="badge badge-earned">
    <div class="badge-icon"><i class="fas fa-trophy"></i></div>
    <div class="badge-title">30-Day Streak</div>
  </div>

  <div class="badge">
    <div class="badge-icon"><i class="fas fa-crown"></i></div>
    <div class="badge-title">Multiplication Expert</div>
  </div>

  <div class="badge">
    <div class="badge-icon"><i class="fas fa-star"></i></div>
    <div class="badge-title">Speed Demon</div>
  </div>
</div>
</div>
```

```
<div class="tab-content" id="goals-tab">
  <div class="chart-container">
    <h3 class="chart-title">Learning Goals & Objectives</h3>

    <ul class="goals-list">
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox" checked>
        <span class="goal-text goal-completed">Master addition of 3-digit numbers</span>
      </li>
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox" checked>
        <span class="goal-text goal-completed">Achieve 90% accuracy in subtraction exercises</span>
      </li>
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox">
        <span class="goal-text">Master multiplication of 2-digit numbers</span>
      </li>
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox">
        <span class="goal-text">Complete division proficiency exercises</span>
      </li>
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox">
        <span class="goal-text">Reach 15 problems/minute speed in mixed operations</span>
      </li>
      <li class="goal-item">
        <input type="checkbox" class="goal-checkbox">
        <span class="goal-text">Advance to Level 3 certification</span>
      </li>
    </ul>
```

```
</div>

<div class="chart-container">
  <h3 class="chart-title">Next Steps Recommendation</h3>
  <div class="teacher-comment">
    <p>Based on Emma's current progress, I recommend the following learning path for the next month:</p>
    <ol>
      <li>Focus on division exercises for 15 minutes daily</li>
      <li>Practice mixed operations twice a week</li>
      <li>Attempt speed challenges to improve calculation speed</li>
      <li>Review multiplication tables for faster recall</li>
    </ol>
    <p>With consistent practice, Emma should be ready for Level 3 certification by the end of next month.</p>
  </div>
</div>
</div>

<div class="footer">
  <p>AbacusMaster Learning Progress Report • © 2023</p>
</div>
</div>

<script>
  document.addEventListener('DOMContentLoaded', function() {
    const generateBtn = document.getElementById('generate-btn');
    const compareBtn = document.getElementById('compare-btn');
    const printBtn = document.getElementById('print-btn');
    const goalsBtn = document.getElementById('goals-btn');
    const studentSelect = document.getElementById('student-select');
    const termSelect = document.getElementById('term-select');
  });
</script>
```

```
const tabs = document.querySelectorAll('.tab');

const tabContents = document.querySelectorAll('.tab-content');

// Sample student data for abacus learning

const students = {

  student1: {

    name: "Emma Smith",

    level: "Intermediate 2",

    id: "#ABACUS-2023-1085",

    instructor: "Instructor Maria",

    skills: {

      addition: { mastery: 85, comment: "Excellent speed and accuracy" },

      subtraction: { mastery: 78, comment: "Good understanding of concepts" },

      multiplication: { mastery: 65, comment: "Needs more practice with larger numbers" },

      division: { mastery: 60, comment: "Beginning to grasp the concepts" }

    },

    practiceHours: "36.5",

    accuracy: "87%",

    speedGain: "+22%",

    comments: "Emma has shown remarkable progress in her abacus skills over the past month. Her addition and subtraction skills are now at an advanced level, and she's making good progress with multiplication. I've noticed that her mental calculation speed has improved by 22% since last month, which is excellent. She consistently practices and has completed 36.5 hours of practice in the last 30 days. For further improvement, I recommend focusing on division exercises and practicing mixed operations to build more fluency. Emma should aim for at least 15 minutes of daily practice to maintain her progress."
  },

  student2: {

    name: "Michael Johnson",

    level: "Beginner 3",

    id: "#ABACUS-2023-1092",

    instructor: "Instructor Maria",

    skills: {
  
```

```
        addition: { mastery: 70, comment: "Good progress, needs more speed" },
        subtraction: { mastery: 65, comment: "Understanding concepts well" },
        multiplication: { mastery: 40, comment: "Just starting multiplication" },
        division: { mastery: 30, comment: "Not yet started" }

    },
    practiceHours: "28.0",
    accuracy: "75%",
    speedGain: "+15%",

    comments: "Michael is making steady progress in his abacus journey. He has good understanding of addition and subtraction concepts but needs to work on his speed. I recommend practicing with timed exercises to improve calculation speed. He has shown 15% improvement in speed over the last month, which is good progress. Michael should focus on mastering addition and subtraction before moving on to more advanced concepts."
},
student3: {
    name: "Sarah Rodriguez",
    level: "Advanced 1",
    id: "#ABACUS-2023-1078",
    instructor: "Instructor Maria",
    skills: {
        addition: { mastery: 95, comment: "Exceptional speed and accuracy" },
        subtraction: { mastery: 92, comment: "Mastered complex subtraction" },
        multiplication: { mastery: 88, comment: "Excellent with large numbers" },
        division: { mastery: 85, comment: "Very good understanding" }

    },
    practiceHours: "45.5",
    accuracy: "94%",
    speedGain: "+18%",

    comments: "Sarah is an exceptional abacus student who has mastered all the basic operations and is now working on advanced mental calculation techniques. Her speed and accuracy are both excellent, and she has shown 18% improvement in speed over the last month. Sarah is now ready to move on to more complex calculations including decimals and percentages. I recommend participating in abacus competitions to further challenge her skills."
}
```

```
};

// Initialize charts

const progressCtx = document.getElementById('progress-chart').getContext('2d');

const practiceCtx = document.getElementById('practice-chart').getContext('2d');

const progressChart = new Chart(progressCtx, {
    type: 'line',
    data: {
        labels: ['Week 1', 'Week 2', 'Week 3', 'Week 4'],
        datasets: [
            {
                label: 'Addition',
                data: [65, 72, 78, 85],
                borderColor: '#6a11cb',
                backgroundColor: 'rgba(106, 17, 203, 0.1)',
                tension: 0.3,
                fill: true
            },
            {
                label: 'Subtraction',
                data: [60, 68, 72, 78],
                borderColor: '#2575fc',
                backgroundColor: 'rgba(37, 117, 252, 0.1)',
                tension: 0.3,
                fill: true
            },
            {
                label: 'Multiplication',
                data: [45, 52, 58, 65],
                borderColor: '#fd79a8',
                fill: true
            }
        ]
    }
});
```

```
        backgroundColor: 'rgba(253, 121, 168, 0.1)',  
        tension: 0.3,  
        fill: true  
    },  
    {  
        label: 'Division',  
        data: [40, 47, 53, 60],  
        borderColor: '#00b894',  
        backgroundColor: 'rgba(0, 184, 148, 0.1)',  
        tension: 0.3,  
        fill: true  
    }  
]  
,  
options: {  
    responsive: true,  
    scales: {  
        y: {  
            beginAtZero: true,  
            max: 100,  
            title: {  
                display: true,  
                text: 'Mastery (%)'  
            }  
        }  
    }  
}  
});
```

```
const practiceChart = new Chart(practiceCtx, {
```

```
    type: 'bar',
```

```
        data: {  
            labels: ['Week 1', 'Week 2', 'Week 3', 'Week 4'],  
            datasets: [{  
                label: 'Practice Hours',  
                data: [8, 9.5, 10, 9],  
                backgroundColor: 'rgba(106, 17, 203, 0.7)',  
                borderColor: 'rgba(106, 17, 203, 1)',  
                borderWidth: 1  
            }]  
,  
        options: {  
            responsive: true,  
            scales: {  
                y: {  
                    beginAtZero: true,  
                    title: {  
                        display: true,  
                        text: 'Hours'  
                    }  
                }  
            }  
        }  
    });  
  
    // Generate report based on selected student  
    generateBtn.addEventListener('click', function() {  
        const studentId = studentSelect.value;  
        const term = termSelect.value;  
  
        if (students[studentId]) {  
            const student = students[studentId];
```

```
// Update student info

document.querySelector('.info-value:first-child').textContent = student.name;
document.querySelectorAll('.info-value')[1].textContent = student.level;
document.querySelectorAll('.info-value')[2].textContent = student.id;
document.querySelectorAll('.info-value')[3].textContent = student.instructor;

// Update skills

const skills = student.skills;
const skillCards = document.querySelectorAll('.skill-card');

skillCards[0].querySelector('.skill-value').textContent = skills.addition.mastery + "% Mastery";
skillCards[0].querySelector('.skill-progress').style.width = skills.addition.mastery + "%";

skillCards[1].querySelector('.skill-value').textContent = skills.subtraction.mastery + "% Mastery";
skillCards[1].querySelector('.skill-progress').style.width = skills.subtraction.mastery + "%";

skillCards[2].querySelector('.skill-value').textContent = skills.multiplication.mastery + "% Mastery";
skillCards[2].querySelector('.skill-progress').style.width = skills.multiplication.mastery + "%";

skillCards[3].querySelector('.skill-value').textContent = skills.division.mastery + "% Mastery";
skillCards[3].querySelector('.skill-progress').style.width = skills.division.mastery + "%";

// Update summary

document.querySelectorAll('.summary-value')[0].textContent = student.practiceHours;
document.querySelectorAll('.summary-value')[1].textContent = student.accuracy;
document.querySelectorAll('.summary-value')[2].textContent = student.speedGain;
```

```
// Update comments
document.querySelector('.teacher-comment').innerHTML =
`<p>${student.comments}</p>`;

// Update learning period
document.querySelector('.academic-term').textContent =
termSelect.options[termSelect.selectedIndex].text;
}

});

// Compare with previous progress
compareBtn.addEventListener('click', function() {
alert('Progress comparison feature would show improvement over time');
});

// Print report
printBtn.addEventListener('click', function() {
window.print();
});

// Tab functionality
tabs.forEach(tab => {
tab.addEventListener('click', function() {
const tabId = this.getAttribute('data-tab');

// Update active tab
tabs.forEach(t => t.classList.remove('active'));
this.classList.add('active');

// Show active tab content
tabContents.forEach(content => {
```

```

        content.classList.remove('active');

        if (content.id === `${tabId}-tab`) {
            content.classList.add('active');
        }
    });
});

// Make abacus beads interactive for demonstration
const beads = document.querySelectorAll('.abacus-bead');
beads.forEach(bead => {
    bead.addEventListener('click', function() {
        this.classList.toggle('active');
    });
});

// Initialize with first student data
generateBtn.click();
});

</script>
</body>
</html>

```

Register.html

```

<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register - TinyBeads</title>

```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">

<style>

  * {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  }

  :root {
    --primary: #4361ee;
    --primary-dark: #3a56d4;
    --secondary: #7209b7;
    --accent: #f72585;
    --success: #2a9d8f;
    --warning: #f9c74f;
    --danger: #e63946;
    --light: #f8f9fa;
    --dark: #2d3748;
    --gray: #6c757d;
    --light-gray: #e9ecef;
  }

  body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    color: var(--dark);
    line-height: 1.6;
    min-height: 100vh;
    display: flex;
    flex-direction: column;
  }

```

```
}

/* Header Styles */

header {
    background: white;
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
    padding: 15px 0;
}

.header-content {
    max-width: 1200px;
    margin: 0 auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0 20px;
}

.logo {
    font-size: 28px;
    font-weight: 700;
    color: var(--primary);
    display: flex;
    align-items: center;
}

.logo i {
    margin-right: 10px;
}

/* Main Content */
```

```
.main-container {  
  flex: 1;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  padding: 40px 20px;  
}
```

```
.register-card {  
  background: white;  
  border-radius: 15px;  
  padding: 40px;  
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);  
  width: 100%;  
  max-width: 500px;  
}
```

```
.register-header {  
  text-align: center;  
  margin-bottom: 30px;  
}
```

```
.register-title {  
  font-size: 28px;  
  margin-bottom: 10px;  
  color: var(--dark);  
}
```

```
.register-subtitle {  
  color: var(--gray);  
}
```

```
.form-group {  
    margin-bottom: 20px;  
}  
  
.form-group label {  
    display: block;  
    margin-bottom: 8px;  
    font-weight: 500;  
    color: var(--dark);  
}  
  
.form-control {  
    width: 100%;  
    padding: 15px;  
    border: 2px solid var(--light-gray);  
    border-radius: 10px;  
    font-size: 16px;  
    transition: border-color 0.3s;  
}  
  
.form-control:focus {  
    border-color: var(--primary);  
    outline: none;  
}  
  
.error-message {  
    color: var(--danger);  
    font-size: 14px;  
    margin-top: 5px;  
    display: none;  
}
```

```
}
```

```
.user-type {  
  display: flex;  
  gap: 15px;  
  margin-bottom: 20px;  
}
```

```
.user-type-option {  
  flex: 1;  
  text-align: center;  
  padding: 15px;  
  border: 2px solid var(--light-gray);  
  border-radius: 10px;  
  cursor: pointer;  
  transition: all 0.3s;  
}
```

```
.user-type-option.selected {  
  border-color: var(--primary);  
  background-color: #f0f4ff;  
}
```

```
.user-type-option i {  
  font-size: 24px;  
  margin-bottom: 10px;  
  color: var(--primary);  
}
```

```
.register-btn {  
  width: 100%;
```

```
padding: 15px;  
background: var(--primary);  
color: white;  
border: none;  
border-radius: 10px;  
font-size: 16px;  
font-weight: 600;  
cursor: pointer;  
transition: background 0.3s;  
}  
  
}
```

```
.register-btn:hover {  
background: var(--primary-dark);  
}
```

```
.login-link {  
text-align: center;  
margin-top: 20px;  
color: var(--gray);  
}  
  
}
```

```
.login-link a {  
color: var(--primary);  
text-decoration: none;  
font-weight: 600;  
}  
  
}
```

```
.back-link {  
display: inline-flex;  
align-items: center;  
gap: 8px;
```

```
color: var(--primary);  
text-decoration: none;  
font-weight: 500;  
margin-top: 20px;  
}  
  
/* Flash messages */
```

```
.flash-messages {  
margin-bottom: 20px;  
}
```

```
.flash-message {  
padding: 10px 15px;  
border-radius: 5px;  
margin-bottom: 10px;  
}
```

```
.flash-success {  
background-color: #d4edda;  
color: #155724;  
border: 1px solid #c3e6cb;  
}
```

```
.flash-error {  
background-color: #f8d7da;  
color: #721c24;  
border: 1px solid #f5c6cb;  
}
```

```
/* Footer Styles */
```

```
footer {
```

```
background: var(--dark);
color: white;
padding: 30px 0 15px;
}

.footer-content {
    max-width: 1200px;
    margin: 0 auto;
    display: grid;
    grid-template-columns: repeat(4, 1fr);
    gap: 30px;
    padding: 0 20px;
}

.footer-column h3 {
    font-size: 18px;
    margin-bottom: 15px;
    color: #fff;
    display: none;
}

.footer-column ul {
    list-style: none;
    display: flex;
    flex-wrap: wrap;
    justify-content: center;
    gap: 15px;
}

.footer-column ul li {
    margin-bottom: 0;
```

```
}
```

```
.footer-column ul li a {  
    color: #cbd5e0;  
    text-decoration: none;  
    transition: color 0.3s;  
    font-size: 14px;  
}
```

```
.footer-column ul li a:hover {  
    color: var(--primary);  
}
```

```
.copyright {  
    text-align: center;  
    margin-top: 30px;  
    padding-top: 15px;  
    border-top: 1px solid #4a5568;  
    color: #cbd5e0;  
    font-size: 14px;  
}
```

```
/* Responsive Design */  
@media (max-width: 768px) {  
    .footer-content {  
        grid-template-columns: 1fr;  
    }
```

```
.footer-column ul {  
    justify-content: center;  
}
```

```
.user-type {  
    flex-direction: column;  
}  
  
}  
  
@media (max-width: 576px) {  
    .register-card {  
        padding: 25px;  
    }  
  
.footer-column ul {  
    flex-direction: column;  
    align-items: center;  
    gap: 10px;  
}  
}  
  
</style>  
</head>  
<body>  
    <!-- Header -->  
    <header>  
        <div class="header-content">  
            <div class="logo">  
                <i class="fas fa-bezier-curve"></i> TinyBeads  
            </div>  
        </div>  
    </header>  
  
    <!-- Main Content -->  
    <div class="main-container">
```

```
<div class="register-card">
  <div class="register-header">
    <h1 class="register-title">Create Your Account</h1>
    <p class="register-subtitle">Join thousands of students learning with TinyBeads</p>
  </div>

  <!-- Flash messages -->

  <form id="registerForm" action="/register" method="POST">
    <div class="form-group">
      <label for="username">Full Name *</label>
      <input type="text" id="username" name="username" class="form-control" placeholder="Enter your full name" required>
    </div>

    <div class="form-group">
      <label for="email">Email Address *</label>
      <input type="email" id="email" name="email" class="form-control" placeholder="Enter your email" required>
    </div>

    <div class="form-group">
      <label for="password">Password *</label>
      <input type="password" id="password" name="password" class="form-control" placeholder="Create a password" required>
    </div>

    <div class="form-group">
      <label for="confirm_password">Confirm Password *</label>
      <input type="password" id="confirm_password" name="confirm_password" class="form-control" placeholder="Confirm your password" required>
    </div>
```

```
<div class="form-group">
    <label>I am a: *</label>
    <div class="user-type">
        <div class="user-type-option" onclick="selectUserType(this, 'student')">
            <i class="fas fa-user-graduate"></i>
            <div>Student</div>
        </div>

        <div class="user-type-option" onclick="selectUserType(this, 'teacher')">
            <i class="fas fa-chalkboard-teacher"></i>
            <div>Teacher</div>
        </div>
    </div>
    <input type="hidden" id="userType" name="userType" value="student" required>
</div>

<div class="form-group">
    <label>
        <input type="checkbox" id="terms" name="terms" required>
        I agree to the <a href="#">Terms of Service</a> and <a href="#">Privacy Policy</a> *
    </label>
</div>

<button type="submit" class="register-btn">Create Account</button>
</form>

<div class="login-link">
    Already have an account? <a href="/login">Log in</a>
</div>
```

```
<a href="/" class="back-link">  
    <i class="fas fa-arrow-left"></i> Back to Home  
</a>  
</div>  
</div>
```

```
<!-- Footer -->  
<footer>  
    <div class="footer-content">  
        <div class="footer-column">  
            <h3>TinyBeads</h3>  
            <ul>  
                <li><a href="#">About Us</a></li>  
                <li><a href="#">Our Team</a></li>  
                <li><a href="#">Careers</a></li>  
                <li><a href="#">Blog</a></li>  
            </ul>  
        </div>  
        <div class="footer-column">  
            <h3>Learn</h3>  
            <ul>  
                <li><a href="#">Courses</a></li>  
                <li><a href="#">Pricing</a></li>  
                <li><a href="#">Certification</a></li>  
                <li><a href="#">Success Stories</a></li>  
            </ul>  
        </div>  
        <div class="footer-column">  
            <h3>Support</h3>
```

```

<ul>
    <li><a href="#">FAQ</a></li>
    <li><a href="#">Contact Us</a></li>
    <li><a href="#">Help Center</a></li>
    <li><a href="#">Terms of Service</a></li>
</ul>
</div>

<div class="footer-column">
    <h3>Connect With Us</h3>
    <ul>
        <li><a href="#"><i class="fab fa-facebook-f"></i> Facebook</a></li>
        <li><a href="#"><i class="fab fa-instagram"></i> Instagram</a></li>
        <li><a href="#"><i class="fab fa-twitter"></i> Twitter</a></li>
        <li><a href="#"><i class="fab fa-youtube"></i> YouTube</a></li>
    </ul>
</div>
</div>

<div class="copyright">
    © 2023 TinyBeads. All rights reserved.
</div>
</footer>

<script>
    // User type selection
    function selectUserType(element, type) {
        // Remove selected class from all options
        const options = document.querySelectorAll('.user-type-option');
        options.forEach(opt => opt.classList.remove('selected'));

```

```
// Add selected class to clicked option
element.classList.add('selected');

// Store selected type in hidden field
document.getElementById('userType').value = type;
}

// Form validation
document.getElementById('registerForm').addEventListener('submit', function(e) {
    const password = document.getElementById('password').value;
    const confirmPassword = document.getElementById('confirm_password').value;
    const terms = document.getElementById('terms').checked;

    if (password !== confirmPassword) {
        e.preventDefault();
        alert('Passwords do not match');
        return;
    }

    if (!terms) {
        e.preventDefault();
        alert('Please agree to the Terms of Service and Privacy Policy');
        return;
    }

    // Form will submit to Flask backend for registration
});

// Initialize student as default selected
document.addEventListener('DOMContentLoaded', function() {
    const studentOption = document.querySelector('.user-type-option');
```

```
        if (studentOption) {
            studentOption.classList.add('selected');
        }
    });
}

</script>
</body>
</html>

Studentreg.html

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Management - TinyBeads</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">

    <style>
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        }

        :root {
            --primary: #4361ee;
            --primary-dark: #3a56d4;
            --secondary: #7209b7;
            --accent: #f72585;
            --success: #2a9d8f;
        }
    </style>

```

```
--warning: #f9c74f;  
--danger: #e63946;  
--light: #f8f9fa;  
--dark: #2d3748;  
--gray: #6c757d;  
--light-gray: #e9ecef;  
}  
  
}
```

```
body {  
background-color: #f5f7fa;  
color: var(--dark);  
line-height: 1.6;  
}
```

```
/* Header Styles */  
header {  
background: white;  
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);  
padding: 15px 0;  
}
```

```
.header-content {  
max-width: 1200px;  
margin: 0 auto;  
display: flex;  
justify-content: space-between;  
align-items: center;  
padding: 0 20px;  
}
```

```
.logo {
```

```
    font-size: 24px;  
    font-weight: 700;  
    color: var(--primary);  
    text-decoration: none;  
    display: flex;  
    align-items: center;  
}  
  
.
```

```
.logo i {  
    margin-right: 10px;  
}
```

```
.nav-links {  
    display: flex;  
    gap: 25px;  
}
```

```
.nav-links a {  
    text-decoration: none;  
    color: #555;  
    font-weight: 500;  
    transition: color 0.3s;  
}
```

```
.nav-links a:hover, .nav-links a.active {  
    color: var(--primary);  
}
```

```
.user-menu {  
    display: flex;  
    align-items: center;
```

```
gap: 15px;  
}  
  
.user-avatar {  
    width: 40px;  
    height: 40px;  
    border-radius: 50%;  
    background: var(--primary);  
    color: white;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    font-weight: bold;  
}  
  
/* Main Content */  
.main-container {  
    max-width: 1200px;  
    margin: 30px auto;  
    padding: 0 20px;  
}  
  
.page-header {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    margin-bottom: 30px;  
}  
  
.page-title {  
    font-size: 28px;
```

```
    color: var(--dark);  
}  
  
.btn {  
    padding: 10px 20px;  
    border-radius: 50px;  
    border: none;  
    font-weight: 600;  
    cursor: pointer;  
    transition: all 0.3s;  
}  
  
.btn-primary {  
    background: var(--primary);  
    color: white;  
}  
  
.btn-primary:hover {  
    background: var(--primary-dark);  
}  
  
/* Student List */  
.student-list-container {  
    background: white;  
    border-radius: 15px;  
    overflow: hidden;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);  
    margin-bottom: 30px;  
}  
  
.list-header {
```

```
padding: 20px;  
background: linear-gradient(135deg, var(--primary) 0%, var(--secondary) 100%);  
color: white;  
display: flex;  
justify-content: space-between;  
align-items: center;  
}
```

```
.list-title {  
font-size: 20px;  
}
```

```
.search-box {  
display: flex;  
align-items: center;  
background: rgba(255, 255, 255, 0.2);  
border-radius: 50px;  
padding: 5px 15px;  
}
```

```
.search-box input {  
border: none;  
background: transparent;  
padding: 5px;  
width: 200px;  
color: white;  
outline: none;  
}
```

```
.search-box input::placeholder {  
color: rgba(255, 255, 255, 0.7);
```

```
}
```

```
.student-table {  
    width: 100%;  
    border-collapse: collapse;  
}  
  
}
```

```
.student-table th {  
    text-align: left;  
    padding: 15px 20px;  
    background: var(--light);  
    color: var(--gray);  
    font-weight: 600;  
}  
  
}
```

```
.student-table td {  
    padding: 15px 20px;  
    border-bottom: 1px solid var(--light-gray);  
}  
  
}
```

```
.student-table tr:last-child td {  
    border-bottom: none;  
}  
  
}
```

```
.student-table tr:hover {  
    background: #f9fafb;  
}  
  
}
```

```
.student-id {  
    color: var(--gray);  
    font-size: 14px;
```

```
}
```

```
.action-btn {  
    background: none;  
    border: none;  
    color: var(--primary);  
    cursor: pointer;  
    margin-right: 10px;  
    padding: 8px;  
    border-radius: 5px;  
    transition: all 0.3s;  
}
```

```
.action-btn:hover {  
    background: var(--light);  
}
```

```
.action-btn.delete {  
    color: var(--danger);  
}
```

```
.action-btn.delete:hover {  
    background: rgba(230, 57, 70, 0.1);  
}
```

```
/* Add Student Form */  
.form-container {  
    background: white;  
    border-radius: 15px;  
    padding: 25px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
```

```
margin-bottom: 30px;  
}  
  
.form-title {  
    font-size: 20px;  
    margin-bottom: 20px;  
    color: var(--dark);  
}  
  
.form-grid {  
    display: grid;  
    grid-template-columns: repeat(2, 1fr);  
    gap: 20px;  
}  
  
.form-group {  
    margin-bottom: 15px;  
}  
  
.form-group label {  
    display: block;  
    margin-bottom: 8px;  
    font-weight: 500;  
    color: var(--dark);  
}  
  
.form-control {  
    width: 100%;  
    padding: 12px 15px;  
    border: 2px solid var(--light-gray);  
    border-radius: 8px;
```

```
    font-size: 16px;  
    transition: border-color 0.3s;  
}  
  
.  
form-control: focus {  
    border-color: var(--primary);  
    outline: none;  
}  
  
.form-control.error {  
    border-color: var(--danger);  
}  
  
.error-message {  
    color: var(--danger);  
    font-size: 14px;  
    margin-top: 5px;  
    display: none;  
}  
  
.form-actions {  
    display: flex;  
    justify-content: flex-end;  
    gap: 15px;  
    margin-top: 20px;  
}  
  
.btn-outline {  
    background: transparent;  
    border: 2px solid var(--primary);  
    color: var(--primary);
```

```
}

.btn-outline:hover {
  background: var(--primary);
  color: white;
}

.radio-group {
  display: flex;
  gap: 20px;
}

.radio-option {
  display: flex;
  align-items: center;
  gap: 8px;
}

/* Modal */
.modal {
  display: none;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: rgba(0, 0, 0, 0.5);
  z-index: 1000;
  align-items: center;
  justify-content: center;
}
```

```
.modal-content {  
    background: white;  
    border-radius: 15px;  
    padding: 25px;  
    width: 90%;  
    max-width: 500px;  
    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.2);  
}  
  
}
```

```
.modal-header {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    margin-bottom: 20px;  
}  
  
}
```

```
.modal-title {  
    font-size: 20px;  
    font-weight: 600;  
}  
  
}
```

```
.close-btn {  
    background: none;  
    border: none;  
    font-size: 24px;  
    cursor: pointer;  
    color: var(--gray);  
}  
  
}
```

```
.modal-body {
```

```
margin-bottom: 20px;  
line-height: 1.6;  
}  
  
.modal-footer {  
display: flex;  
justify-content: flex-end;  
gap: 15px;  
}  
  
/* Empty State */  
.empty-state {  
text-align: center;  
padding: 40px 20px;  
color: var(--gray);  
}  
  
.empty-state i {  
font-size: 50px;  
margin-bottom: 15px;  
color: var(--light-gray);  
}  
  
/* Responsive Design */  
@media (max-width: 992px) {  
.form-grid {  
grid-template-columns: 1fr;  
}  
}  
  
@media (max-width: 768px) {
```

```
.nav-links {  
    display: none;  
}  
  
.student-table {  
    display: block;  
    overflow-x: auto;  
}  
  
.page-header {  
    flex-direction: column;  
    align-items: flex-start;  
    gap: 15px;  
}  
}  
  
@media (max-width: 576px) {  
    .header-content {  
        flex-direction: column;  
        gap: 15px;  
    }  
}  
  
.list-header {  
    flex-direction: column;  
    gap: 15px;  
    align-items: flex-start;  
}  
  
.search-box {  
    width: 100%;  
}
```

```
.search-box input {  
    width: 100%;  
}  
  
.form-actions {  
    flex-direction: column;  
}  
  
.btn {  
    width: 100%;  
}  
  
a.back-link {  
    display: inline-block;  
    font-size: 1.5rem;  
    color: #436ee;  
    text-decoration: none;  
    font-weight: 600;  
    margin: 20px 0;  
    cursor: pointer;  
}  
  
a.back-link:hover {  
    text-decoration: underline;  
}  
}  
}  
  
</style>  
  
</head>  
  
<body>  
    <!-- Header -->  
    <header>  
        <div class="header-content">
```

```
<a href="dashboard.html" class="logo">
  <i class="fas fa-bezier-curve"></i> TinyBeads
</a>
</div>
</header>

<div style="max-width: 1200px; margin: 0 auto; padding: 0 20px;">
  <a href="dashboard.html" class="back-link">BACK</a>
</div>

<!-- Main Content -->
<div class="main-container">
  <div class="page-header">
    <h1 class="page-title">Student Management</h1>
    <button class="btn btn-primary" id="toggleFormBtn">
      <i class="fas fa-plus"></i> Add Student
    </button>
  </div>
  <!-- Add Student Form (Initially Hidden) -->
  <div class="form-container" id="studentForm" style="display: none;">
    <h2 class="form-title">Add New Student</h2>
    <form id="addStudentForm">
      <div class="form-grid">
        <div class="form-group">
          <label for="studentName">Student Name *</label>
          <input type="text" id="studentName" class="form-control" placeholder="Enter student name" required>
        </div>
        <div class="form-group">
          <label for="parentName">Parent Name *</label>
        </div>
      </div>
    </form>
  </div>
</div>
```

```
        <input type="text" id="parentName" class="form-control" placeholder="Enter parent
name" required>
    </div>
    <div class="form-group">
        <label for="address">Address *</label>
        <input type="text" id="address" class="form-control" placeholder="Enter address"
required>
    </div>
    <div class="form-group">
        <label for="dob">Date of Birth *</label>
        <input type="date" id="dob" class="form-control" required>
    </div>
    <div class="form-group">
        <label for="age">Age *</label>
        <input type="number" id="age" class="form-control" placeholder="Enter age" min="3"
max="18" required>
    </div>
    <div class="form-group">
        <label for="standard">Standard/Grade *</label>
        <input type="text" id="standard" class="form-control" placeholder="Enter
standard/grade" required>
    </div>
    <div class="form-group">
        <label for="mobile">Mobile Number *</label>
        <input type="tel" id="mobile" class="form-control" placeholder="Enter 10-digit mobile
number" required maxlength="10">
        <div class="error-message" id="mobileError">Mobile number must be exactly 10
digits</div>
    </div>
    <div class="form-group">
        <label for="whatsapp">WhatsApp Number *</label>
        <input type="tel" id="whatsapp" class="form-control" placeholder="Enter 10-digit
WhatsApp number" required maxlength="10">
```

```
<div class="error-message" id="whatsappError">WhatsApp number must be exactly 10 digits</div>

</div>

<div class="form-group">

    <label>Gender *</label>

    <div class="radio-group">

        <div class="radio-option">

            <input type="radio" id="male" name="gender" value="male" required>

            <label for="male">Male</label>

        </div>

        <div class="radio-option">

            <input type="radio" id="female" name="gender" value="female">

            <label for="female">Female</label>

        </div>

        <div class="radio-option">

            <input type="radio" id="other" name="gender" value="other">

            <label for="other">Other</label>

        </div>

    </div>

</div>

</div>

<div class="form-group">

    <label for="location">Location</label>

    <input type="text" id="location" class="form-control" placeholder="Enter location">

</div>

</div>

<div class="form-actions">

    <button type="button" class="btn btn-outline" id="cancelBtn">Cancel</button>

    <button type="submit" class="btn btn-primary">Save Student</button>

</div>

</form>

</div>
```

```
<!-- Student List -->

<div class="student-list-container">

  <div class="list-header">

    <h2 class="list-title">Student List</h2>

    <div class="search-box">

      <i class="fas fa-search"></i>

      <input type="text" id="searchInput" placeholder="Search students...">

    </div>

  </div>

  <table class="student-table">

    <thead>

      <tr>

        <th>Student Name</th>

        <th>Parent Name</th>

        <th>Standard</th>

        <th>Age</th>

        <th>Mobile</th>

        <th>Actions</th>

      </tr>

    </thead>

    <tbody id="studentsTableBody">

      <!-- Student data will be populated here -->

    </tbody>

  </table>

  <div id="emptyState" class="empty-state" style="display: none;">

    <i class="fas fa-user-graduate"></i>

    <h3>No students found</h3>

    <p>Try adjusting your search or add a new student</p>

  </div>

</div>
```

```
</div>

<!-- Delete Confirmation Modal -->
<div class="modal" id="deleteModal">
  <div class="modal-content">
    <div class="modal-header">
      <h3 class="modal-title">Confirm Delete</h3>
      <button class="close-btn">&times;</button>
    </div>
    <div class="modal-body">
      <p>Are you sure you want to delete <strong id="deleteStudentName"></strong>? This action cannot be undone.</p>
    </div>
    <div class="modal-footer">
      <button class="btn btn-outline" id="cancelDeleteBtn">Cancel</button>
      <button class="btn btn-primary" id="confirmDeleteBtn" style="background: var(--danger);">Delete</button>
    </div>
  </div>
</div>

<!-- Validation Error Modal -->
<div class="modal" id="validationModal">
  <div class="modal-content">
    <div class="modal-header">
      <h3 class="modal-title">Validation Error</h3>
      <button class="close-btn">&times;</button>
    </div>
    <div class="modal-body" id="validationMessage">
      <!-- Error message will be inserted here -->
    </div>
    <div class="modal-footer">
```

```

        <button class="btn btn-primary" id="closeValidationBtn">OK</button>
    </div>
</div>
</div>

<script>
// Sample student data (in a real app, this would come from a database)
let students = [
    { id: '1712585009545', name: 'Aishna S', parent: 'Parent 1', standard: 'Level 1', age: 7, gender: 'female', mobile: '9876543210' },
    { id: '1713415817388', name: 'Hamdan N', parent: 'Parent 2', standard: 'Level 2', age: 8, gender: 'male', mobile: '8765432109' },
    { id: '1712584218268', name: 'Adhvik Jyothis', parent: 'Parent 3', standard: 'Level 1', age: 6, gender: 'male', mobile: '7654321098' },
    { id: '1712583561162', name: 'Advika V', parent: 'Parent 4', standard: 'Level 1', age: 7, gender: 'female', mobile: '6543210987' },
    { id: '1712583914371', name: 'Alayna C', parent: 'Parent 5', standard: 'Level 1', age: 7, gender: 'female', mobile: '5432109876' },
    { id: '1727272960147', name: 'Bhavika G Pillai', parent: 'Parent 6', standard: 'Level 2', age: 9, gender: 'female', mobile: '4321098765' },
    { id: '1749274067019', name: 'Bhumika', parent: 'Gopakumar Pillai', standard: 'Level 3', age: 10, gender: 'female', mobile: '3210987654' },
    { id: '17396888074', name: 'Saliha Nasrin', parent: 'Parent 8', standard: 'Level 2', age: 8, gender: 'female', mobile: '2109876543' }
];
// DOM elements
const toggleFormBtn = document.getElementById('toggleFormBtn');
const studentForm = document.getElementById('studentForm');
const cancelBtn = document.getElementById('cancelBtn');
const addStudentForm = document.getElementById('addStudentForm');
const studentsTableBody = document.getElementById('studentsTableBody');
const searchInput = document.getElementById('searchInput');
const emptyState = document.getElementById('emptyState');

```

```
const deleteModal = document.getElementById('deleteModal');

const deleteStudentName = document.getElementById('deleteStudentName');

const cancelDeleteBtn = document.getElementById('cancelDeleteBtn');

const confirmDeleteBtn = document.getElementById('confirmDeleteBtn');

const closeBtn = document.querySelector('.close-btn');

const validationModal = document.getElementById('validationModal');

const validationMessage = document.getElementById('validationMessage');

const closeValidationBtn = document.getElementById('closeValidationBtn');

const mobileInput = document.getElementById('mobile');

const whatsappInput = document.getElementById('whatsapp');

const mobileError = document.getElementById('mobileError');

const whatsappError = document.getElementById('whatsappError');

// Current student to be deleted

let currentDeleteId = null;

// Toggle form visibility

toggleFormBtn.addEventListener('click', () => {

    studentForm.style.display = studentForm.style.display === 'none' ? 'block' : 'none';

});

cancelBtn.addEventListener('click', () => {

    studentForm.style.display = 'none';

    addStudentForm.reset();

    resetValidation();

});

// Search functionality

searchInput.addEventListener('input', function() {

    renderStudentsTable();

});
```

```
// Mobile number validation

mobileInput.addEventListener('input', function() {
    validateMobileNumber(this, mobileError);
});

whatsappInput.addEventListener('input', function() {
    validateMobileNumber(this, whatsappError);
});

// Function to validate mobile number

function validateMobileNumber(input, errorElement) {
    const value = input.value.trim();

    // Allow only numbers
    input.value = value.replace(/\D/g, "");

    // Validate length
    if (input.value.length === 10) {
        input.classList.remove('error');
        errorElement.style.display = 'none';
        return true;
    } else {
        input.classList.add('error');
        errorElement.style.display = 'block';
        return false;
    }
}

// Reset validation styles

function resetValidation() {
```

```
mobileInput.classList.remove('error');
whatsappInput.classList.remove('error');
mobileError.style.display = 'none';
whatsappError.style.display = 'none';

}

// Show validation error modal

function showValidationError(message) {
    validationMessage.textContent = message;
    validationModal.style.display = 'flex';
}

// Close validation modal

function closeValidationModal() {
    validationModal.style.display = 'none';
}

// Populate students table with search filter

function renderStudentsTable() {
    studentsTableBody.innerHTML = "";

    const searchTerm = searchInput.value.toLowerCase();
    const filteredStudents = students.filter(student =>
        student.name.toLowerCase().includes(searchTerm) ||
        student.parent.toLowerCase().includes(searchTerm) ||
        student.standard.toLowerCase().includes(searchTerm) ||
        student.age.toString().includes(searchTerm) ||
        student.mobile.includes(searchTerm)
    );

    if (filteredStudents.length === 0) {
```

```
emptyState.style.display = 'block';

return;

}

emptyState.style.display = 'none';

filteredStudents.forEach(student => {

    const row = document.createElement('tr');

    row.innerHTML = `

        <td>

            <div>${student.name}</div>

            <div class="student-id">ID: ${student.id}</div>

        </td>

        <td>${student.parent || 'Not specified'}</td>

        <td>${student.standard}</td>

        <td>${student.age}</td>

        <td>${student.mobile}</td>

        <td>

            <button class="action-btn edit-btn" data-id="${student.id}">

                <i class="fas fa-edit"></i>

            </button>

            <button class="action-btn delete delete-btn" data-id="${student.id}">

                <i class="fas fa-trash"></i>

            </button>

        </td>

    `;

    studentsTableBody.appendChild(row);
});
```

```
// Add event listeners to action buttons

document.querySelectorAll('.edit-btn').forEach(btn => {
    btn.addEventListener('click', function() {
        const studentId = this.getAttribute('data-id');
        editStudent(studentId);
    });
});

document.querySelectorAll('.delete-btn').forEach(btn => {
    btn.addEventListener('click', function() {
        const studentId = this.getAttribute('data-id');
        showDeleteModal(studentId);
    });
});

// Show delete confirmation modal

function showDeleteModal(studentId) {
    const student = students.find(s => s.id === studentId);
    if (student) {
        currentDeleteId = studentId;
        deleteStudentName.textContent = student.name;
        deleteModal.style.display = 'flex';
    }
}

// Close modal

function closeModal() {
    deleteModal.style.display = 'none';
    currentDeleteId = null;
}
```

```
// Edit student function

function editStudent(studentId) {
    const student = students.find(s => s.id === studentId);
    if (student) {
        // Populate form with student data
        document.getElementById('studentName').value = student.name;
        document.getElementById('parentName').value = student.parent;
        document.getElementById('standard').value = student.standard;
        document.getElementById('age').value = student.age;
        document.getElementById('mobile').value = student.mobile;
        document.getElementById('whatsapp').value = student.mobile; // Default to same as mobile

        // Set gender
        if (student.gender) {
            document.querySelector(`input[name="gender"][value="${student.gender}"]`).checked =
true;
        }

        // Show the form
        studentForm.style.display = 'block';

        // Scroll to form
        studentForm.scrollIntoView({ behavior: 'smooth' });

        // Change form to edit mode
        const submitBtn = addStudentForm.querySelector('button[type="submit"]');
        submitBtn.textContent = 'Update Student';

        // Remove previous edit event listener if any
        addStudentForm.onsubmit = null;
```

```
// Add update functionality

addStudentForm.onsubmit = function(e) {
    e.preventDefault();

    // Validate mobile numbers
    const isMobileValid = validateMobileNumber(mobileInput, mobileError);
    const isWhatsappValid = validateMobileNumber(whatsappInput, whatsappError);

    if (!isMobileValid || !isWhatsappValid) {
        showValidationError("Please ensure both mobile numbers are exactly 10 digits");
        return;
    }

    // Update student data
    student.name = document.getElementById('studentName').value;
    student.parent = document.getElementById('parentName').value;
    student.standard = document.getElementById('standard').value;
    student.age = document.getElementById('age').value;
    student.mobile = document.getElementById('mobile').value;
    student.gender = document.querySelector('input[name="gender"]:checked').value;

    // Reset form and UI
    addStudentForm.reset();
    studentForm.style.display = 'none';
    submitBtn.textContent = 'Save Student';

    // Render updated table
    renderStudentsTable();

    // Show success message
}
```

```
        alert(`Student ${student.name} updated successfully!`);

        // Reset form handler
        addStudentForm.onsubmit = addStudentHandler;
    };
}

// Form submission handler
function addStudentHandler(e) {
    e.preventDefault();

    // Validate mobile numbers
    const isMobileValid = validateMobileNumber(mobileInput, mobileError);
    const isWhatsappValid = validateMobileNumber(whatsappInput, whatsappError);

    if (!isMobileValid || !isWhatsappValid) {
        showValidationError("Please ensure both mobile numbers are exactly 10 digits");
        return;
    }

    // Get form values
    const name = document.getElementById('studentName').value;
    const parent = document.getElementById('parentName').value;
    const standard = document.getElementById('standard').value;
    const age = document.getElementById('age').value;
    const mobile = document.getElementById('mobile').value;
    const gender = document.querySelector('input[name="gender"]:checked').value;

    // Generate a random ID (in a real app, this would come from the server)
    const id = Date.now().toString();
```

```
// Add to students array
students.push({
  id,
  name,
  parent,
  standard,
  age: parseInt(age),
  mobile,
  gender
});

// Update table
renderStudentsTable();

// Reset and hide form
addStudentForm.reset();
studentForm.style.display = 'none';
resetValidation();

// Show success message
alert(`Student ${name} added successfully!`);

}

// Delete student function
function deleteStudent(studentId) {
  students = students.filter(student => student.id !== studentId);
  renderStudentsTable();
  closeModal();
  alert('Student deleted successfully!');
}
```

```
// Event listeners for modals

cancelDeleteBtn.addEventListener('click', closeModal);
closeBtn.addEventListener('click', closeModal);
confirmDeleteBtn.addEventListener('click', () => {
    if (currentDeleteId) {
        deleteStudent(currentDeleteId);
    }
});

closeValidationBtn.addEventListener('click', closeValidationModal);

// Close modal when clicking outside
window.addEventListener('click', function(e) {
    if (e.target === deleteModal) {
        closeModal();
    }
    if (e.target === validationModal) {
        closeValidationModal();
    }
});

// Auto calculate age based on date of birth
document.getElementById('dob').addEventListener('change', function() {
    const dob = new Date(this.value);
    const today = new Date();
    let age = today.getFullYear() - dob.getFullYear();
    const monthDiff = today.getMonth() - dob.getMonth();

    if (monthDiff < 0 || (monthDiff === 0 && today.getDate() < dob.getDate())) {
        age--;
    }
});
```

```

        }

        document.getElementById('age').value = age;
    });

    // Copy mobile number to WhatsApp field if same
    document.getElementById('mobile').addEventListener('blur', function() {
        const whatsappField = document.getElementById('whatsapp');
        if (!whatsappField.value) {
            whatsappField.value = this.value;
            validateMobileNumber(whatsappField, whatsappError);
        }
    });

    // Set form handler
    addStudentForm.onsubmit = addStudentHandler;

    // Initialize the page
    renderStudentsTable();

```

</script>

</body>

</html>

teacher.html

```

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

```

```
<meta name="viewport" content="width=device-width, initial-scale=1" />
<title>Teacher Portal - TinyBeads</title>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" />

<style>
  * {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  }

  body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    color: #333;
    min-height: 100vh;
    padding: 20px;
  }

  .teachers-container {
    max-width: 1200px;
    margin: 0 auto;
    background: white;
    border-radius: 15px;
    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
    overflow: hidden;
  }

  .teachers-header {
    background: #5c6bc0;
    color: white;
  }
```

```
padding: 30px 20px;  
text-align: center;  
}  
  
}
```

```
.teachers-header h1 {  
font-size: 32px;  
margin-bottom: 10px;  
}
```

```
.teachers-header p {  
font-size: 18px;  
opacity: 0.9;  
}
```

```
.teacher-dashboard {  
padding: 20px;  
}
```

```
.teacher-stats {  
display: grid;  
grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
gap: 20px;  
margin-bottom: 30px;  
}
```

```
.stat-card {  
background: white;  
border-radius: 10px;  
padding: 20px;  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
display: flex;
```

```
    align-items: center;  
    transition: transform 0.3s ease;  
}  
  
 .stat-card:hover {  
    transform: translateY(-5px);  
}
```

```
.stat-icon {  
    width: 60px;  
    height: 60px;  
    background: #e8eaf6;  
    border-radius: 50%;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    margin-right: 15px;  
    font-size: 24px;  
    color: #5c6bc0;  
}
```

```
.stat-content h3 {  
    font-size: 28px;  
    color: #5c6bc0;  
    margin-bottom: 5px;  
}
```

```
.stat-content p {  
    color: #666;  
}
```

```
.teacher-actions {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));  
    gap: 20px;  
    margin-bottom: 30px;  
}  
  
.action-card {  
    background: white;  
    border-radius: 10px;  
    padding: 25px;  
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
    text-align: center;  
    transition: transform 0.3s ease;  
}  
  
.action-card:hover {  
    transform: translateY(-5px);  
}  
  
.action-card h3 {  
    color: #5c6bc0;  
    margin-bottom: 10px;  
}  
  
.action-card p {  
    color: #666;  
    margin-bottom: 20px;  
}  
  
.btn {
```

```
display: inline-block;  
padding: 12px 24px;  
background: #5c6bc0;  
color: white;  
text-decoration: none;  
border-radius: 5px;  
font-weight: 600;  
transition: all 0.3s ease;  
border: none;  
cursor: pointer;  
font-size: 16px;  
}
```

```
.btn:hover {  
background: #3f51b5;  
transform: translateY(-2px);  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);  
}
```

```
.btn:active {  
transform: translateY(0);  
box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);  
}
```

```
.btn-primary {  
background: #5c6bc0;  
}
```

```
.btn-outline {  
background: transparent;  
border: 2px solid #5c6bc0;
```

```
        color: #5c6bc0;  
    }  
  
.btn-outline:hover {  
    background: #5c6bc0;  
    color: white;  
}  
  
/* Responsive */  
@media (max-width: 768px) {  
    .teacher-stats, .teacher-actions {  
        grid-template-columns: 1fr;  
    }  
}  
  
</style>  
</head>  
  
<body>  
    <div class="teachers-container">  
        <div class="teachers-header">  
            <h1>Teacher Portal</h1>  
            <p>Tools and resources for abacus instructors</p>  
        </div>  
  
        <!-- Teacher Dashboard -->  
        <div class="teacher-dashboard">  
            <div class="teacher-stats">  
                <div class="stat-card">  
                    <div class="stat-icon">  
                        <i class="fas fa-users"></i>  
                    </div>  
                    <div class="stat-content">  
                        ...  
                    </div>  
                </div>  
            </div>  
        </div>  
    </div>
```

```
<h3>24</h3>
<p>Students</p>
</div>
</div>

<div class="stat-card">
  <div class="stat-icon">
    <i class="fas fa-book"></i>
  </div>
  <div class="stat-content">
    <h3>15</h3>
    <p>Active Lessons</p>
  </div>
</div>

<div class="stat-card">
  <div class="stat-icon">
    <i class="fas fa-chart-line"></i>
  </div>
  <div class="stat-content">
    <h3>78%</h3>
    <p>Average Progress</p>
  </div>
</div>

<div class="stat-card">
  <div class="stat-icon">
    <i class="fas fa-comments"></i>
  </div>
  <div class="stat-content">
    <h3>8</h3>
```

```
<p>Pending Messages</p>
</div>
</div>
</div>

<div class="teacher-actions">
  <div class="action-card">
    <h3>Student Management</h3>
    <p>View and manage your students' progress</p>
    <button class="btn btn-primary" id="manageStudents">Manage Students</button>
  </div>
  <div class="action-card">
    <h3>Lesson Materials</h3>
    <p>Access teaching resources and materials</p>
    <button class="btn btn-primary" id="viewMaterials">View Materials</button>
  </div>
  <div class="action-card">
    <h3>Communication</h3>
    <p>Message students and parents</p>
    <button id="openMessages" class="btn btn-primary">Open Messages</button>
  </div>
  <div class="action-card">
    <h3>Progress Reports</h3>
    <p>Generate student progress reports</p>
    <button id="createReports" class="btn btn-primary">Create Reports</button>
  </div>
</div>
</div>
</div>
```

```

<script>

    // Redirect to student management page
    document.getElementById('manageStudents').addEventListener('click', function() {
        window.location.href = '/studentreg';
    });

    // Redirect to lesson materials page
    document.getElementById('viewMaterials').addEventListener('click', function() {
        window.location.href = '/lesson';
    });

    document.getElementById('openMessages').addEventListener('click', function() {
        window.location.href = '/chat';
    });

    document.getElementById('createReports').addEventListener('click', function() {
        window.location.href = '/p_report';
    });

</script>
</body>
</html>

```

app.py

```
from flask import Flask, render_template, request, redirect, url_for
```

```
app = Flask(__name__)

@app.route('/')
def home():
    return render_template("base.html")

@app.route('/login', methods=['GET', 'POST'])
def login():
    if request.method == 'POST':
        email = request.form['email']
        password = request.form['password']

        # TODO: Add your user authentication logic here

        # On successful login, redirect to dashboard page
        return redirect(url_for('dashboard'))

    # For GET requests, render the login page
    return render_template("login.html")

@app.route('/register', methods=['GET', 'POST'])
def register():
    if request.method == 'POST':
        # TODO: save user data
        return redirect(url_for('home'))

    return render_template("register.html")

@app.route('/dashboard')
def dashboard():
    return render_template('dashboard.html')
```

```
@app.route('/studentreg')
def studentreg():
    return render_template('studentreg.html')

@app.route('/teacher')
def teacher():
    return render_template('teacher.html')

@app.route('/lesson')
def lesson():
    return render_template('lesson.html')

@app.route('/chat')
def chat():
    return render_template('chat.html')

@app.route('/p_report')
def p_report():
    return render_template('p_report.html')

@app.route('/activities')
def activities():
    return render_template('activities.html')

if __name__ == "__main__":
    app.run(debug=True, port=5050)
```

auth.css

```
/* ===== AUTH STYLES ===== */
```

```
.auth-container {  
    display: flex;  
    min-height: 100vh;  
}  
  
.auth-left {  
    flex: 1;  
    background: linear-gradient(135deg, var(--primary), var(--secondary));  
    color: white;  
    display: flex;  
    flex-direction: column;  
    justify-content: center;  
    align-items: center;  
    padding: 40px;  
    position: relative;  
    overflow: hidden;  
}  
  
.auth-left::before {  
    content: " ";  
    position: absolute;  
    top: 0;  
    left: 0;  
    right: 0;  
    bottom: 0;  
  
    background: url('data:image/svg+xml;utf8,<svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 100 100"><circle cx="20" cy="20" r="10" fill="white" opacity="0.1"/><circle cx="80" cy="80" r="15" fill="white" opacity="0.1"/><circle cx="40" cy="70" r="8" fill="white" opacity="0.1"/><circle cx="70" cy="30" r="12" fill="white" opacity="0.1"/></svg>');  
    background-size: 300px 300px;  
}
```

```
.auth-left > * {  
  position: relative;  
  z-index: 1;  
}  
  
{
```

```
.auth-left .logo {  
  display: flex;  
  align-items: center;  
  gap: 15px;  
  margin-bottom: 40px;  
}  
  
{
```

```
.auth-left .logo i {  
  font-size: 3rem;  
}  
  
{
```

```
.auth-left .logo h1 {  
  font-size: 2.5rem;  
  font-weight: 700;  
  margin: 0;  
}  
  
{
```

```
.auth-left h2 {  
  font-size: 2.2rem;  
  margin-bottom: 15px;  
  text-align: center;  
}  
  
{
```

```
.auth-left p {  
  font-size: 1.1rem;  
  opacity: 0.9;
```

```
    text-align: center;  
    max-width: 400px;  
}  
  
 .auth-right {
```

```
    flex: 1;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    padding: 40px;  
    background: white;  
}
```

```
.auth-form {  
    width: 100%;  
    max-width: 400px;  
}
```

```
.auth-form h2 {  
    color: var(--primary);  
    margin-bottom: 30px;  
    text-align: center;  
    font-size: 1.8rem;  
}
```

```
.form-group {  
    margin-bottom: 20px;  
}
```

```
.form-group label {  
    display: block;
```

```
margin-bottom: 8px;  
font-weight: 600;  
color: var(--dark);  
}
```

```
.form-group input {  
width: 100%;  
padding: 15px;  
border: 2px solid #e9ecef;  
border-radius: 8px;  
font-size: 1rem;  
transition: all 0.3s ease;  
}
```

```
.form-group input:focus {  
outline: none;  
border-color: var(--primary);  
box-shadow: 0 0 0 3px rgba(78, 84, 200, 0.1);  
}
```

```
.password-strength {  
display: flex;  
align-items: center;  
gap: 10px;  
margin-top: 8px;  
}
```

```
.strength-bar {  
flex: 1;  
height: 6px;  
background: #e9ecef;
```

```
border-radius: 3px;  
overflow: hidden;  
}
```

```
.strength-fill {  
height: 100%;  
width: 0%;  
border-radius: 3px;  
transition: all 0.3s ease;  
}
```

```
.strength-fill.weak {  
width: 33%;  
background: var(--accent);  
}
```

```
.strength-fill.medium {  
width: 66%;  
background: var(--warning);  
}
```

```
.strength-fill.strong {  
width: 100%;  
background: var(--success);  
}
```

```
#password-strength-text {  
font-size: 0.8rem;  
font-weight: 600;  
}
```

```
#password-strength-text.weak {  
    color: var(--accent);  
}  
  
{
```

```
#password-strength-text.medium {  
    color: var(--warning);  
}  
  
{
```

```
#password-strength-text.strong {  
    color: var(--success);  
}  
  
{
```

```
.form-options {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    margin-bottom: 20px;  
}  
  
{
```

```
.checkbox-container {  
    display: flex;  
    align-items: center;  
    cursor: pointer;  
    font-size: 0.9rem;  
    color: #666;  
}  
  
{
```

```
.checkbox-container input {  
    position: absolute;  
    opacity: 0;  
    cursor: pointer;
```

```
}
```

```
.checkmark {  
    width: 18px;  
    height: 18px;  
    background: white;  
    border: 2px solid #ddd;  
    border-radius: 4px;  
    margin-right: 8px;  
    position: relative;  
    transition: all 0.3s ease;  
}
```

```
.checkbox-container input:checked ~ .checkmark {  
    background: var(--primary);  
    border-color: var(--primary);  
}  
    
```

```
.checkmark::after {  
    content: " ";  
    position: absolute;  
    display: none;  
    left: 5px;  
    top: 2px;  
    width: 4px;  
    height: 8px;  
    border: solid white;  
    border-width: 0 2px 2px 0;  
    transform: rotate(45deg);  
}
```

```
.checkbox-container input:checked ~ .checkmark::after {  
  display: block;  
}  
  
}
```

```
.forgot-password {  
  color: var(--primary);  
  text-decoration: none;  
  font-size: 0.9rem;  
  font-weight: 500;  
}  
  
}
```

```
.forgot-password:hover {  
  text-decoration: underline;  
}  
  
}
```

```
.auth-divider {  
  text-align: center;  
  margin: 25px 0;  
  position: relative;  
}  
  
}
```

```
.auth-divider::before {  
  content: " ";  
  position: absolute;  
  left: 0;  
  top: 50%;  
  width: 100%;  
  height: 1px;  
  background: #e9ecf;  
}  
  
}
```

```
.auth-divider span {  
background: white;  
position: relative;  
padding: 0 15px;  
color: #777;  
font-size: 0.9rem;  
}  
  
}
```

```
.social-auth {  
display: flex;  
gap: 15px;  
margin-bottom: 20px;  
}  
  
}
```

```
.btn-social {  
flex: 1;  
padding: 12px;  
border: 2px solid #e9ecf;  
background: white;  
border-radius: 8px;  
cursor: pointer;  
font-weight: 600;  
transition: all 0.3s ease;  
display: flex;  
align-items: center;  
justify-content: center;  
gap: 8px;  
}  
  
}
```

```
.btn-google {  
color: #DB4437;
```

```
}
```

```
.btn-google:hover {  
    border-color: #DB4437;  
    background: rgba(219, 68, 55, 0.1);  
}
```

```
.btn-facebook {  
    color: #4267B2;  
}
```

```
.btn-facebook:hover {  
    border-color: #4267B2;  
    background: rgba(66, 103, 178, 0.1);  
}
```

```
.alert {  
    padding: 12px 15px;  
    border-radius: 8px;  
    margin-bottom: 20px;  
    font-size: 0.9rem;  
}
```

```
.alert-error {  
    background: rgba(220, 53, 69, 0.1);  
    border: 1px solid rgba(220, 53, 69, 0.2);  
    color: #721c24;  
}
```

```
.alert-success {  
    background: rgba(40, 167, 69, 0.1);
```

```
border: 1px solid rgba(40, 167, 69, 0.2);  
color: #155724;  
}  
  
}
```

```
.alert-info {  
background: rgba(23, 162, 184, 0.1);  
border: 1px solid rgba(23, 162, 184, 0.2);  
color: #0c5460;  
}
```

```
/* Responsive Design */  
@media (max-width: 768px) {  
.auth-container {  
flex-direction: column;  
}
```

```
.auth-left {  
padding: 40px 20px;  
min-height: 300px;  
}
```

```
.auth-right {  
padding: 40px 20px;  
}
```

```
.social-auth {  
flex-direction: column;  
}
```

```
.form-options {  
flex-direction: column;
```

```
    align-items: flex-start;
    gap: 10px;
}

.forgot-password {
    align-self: flex-end;
}

}

@media (max-width: 480px) {

.auth-left .logo {
    flex-direction: column;
    text-align: center;
    gap: 10px;
}

.auth-left h2 {
    font-size: 1.8rem;
}

.auth-form h2 {
    font-size: 1.5rem;
}

}
```

dash.css

```
.dashboard-container {
    max-width: 1200px;
    margin: 0 auto;
    padding: 40px 20px;
```

```
}
```

```
.dashboard-header {  
    text-align: center;  
    margin-bottom: 40px;  
}
```

```
.dashboard-header h1 {  
    color: var(--primary);  
    margin-bottom: 10px;  
}
```

```
.stats-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));  
    gap: 20px;  
    margin-bottom: 40px;  
}
```

```
.stat-card {  
    background: white;  
    padding: 25px;  
    border-radius: 10px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);  
    display: flex;  
    align-items: center;  
    gap: 20px;  
}
```

```
.stat-icon {  
    width: 60px;
```

```
height: 60px;  
border-radius: 50%;  
background: linear-gradient(135deg, var(--primary), var(--secondary));  
display: flex;  
align-items: center;  
justify-content: center;  
color: white;  
font-size: 1.5rem;  
}
```

```
.stat-content h3 {  
  font-size: 2rem;  
  color: var(--dark);  
  margin-bottom: 5px;  
}
```

```
.stat-content p {  
  color: #777;  
  font-size: 0.9rem;  
}
```

```
.dashboard-section {  
  margin-bottom: 40px;  
}
```

```
.dashboard-section h2 {  
  color: var(--dark);  
  margin-bottom: 20px;  
  padding-bottom: 10px;  
  border-bottom: 2px solid #eee;  
}
```

```
.continue-learning {  
    background: white;  
    border-radius: 10px;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);  
    overflow: hidden;  
}  
  
.lesson-item {  
    display: flex;  
    align-items: center;  
    padding: 20px;  
    border-bottom: 1px solid #eee;  
}  
  
.lesson-item:last-child {  
    border-bottom: none;  
}  
  
.lesson-thumbnail {  
    width: 60px;  
    height: 60px;  
    border-radius: 10px;  
    background: linear-gradient(135deg, var(--primary), var(--secondary));  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    color: white;  
    font-size: 1.5rem;  
    margin-right: 20px;  
}
```

```
.lesson-details {  
    flex: 1;  
}  
  
.lesson-details h3 {  
    color: var(--dark);  
    margin-bottom: 5px;  
    font-size: 1.1rem;  
}  
  
.lesson-details p {  
    color: #777;  
    margin-bottom: 10px;  
    font-size: 0.9rem;  
}  
  
.lesson-meta {  
    display: flex;  
    gap: 15px;  
    font-size: 0.8rem;  
    color: #999;  
}  
  
.level-badge {  
    padding: 3px 10px;  
    border-radius: 20px;  
    background: #eee;  
    color: #666;  
    font-size: 0.7rem;  
    font-weight: 600;
```

```
}
```

```
.lesson-action {  
    margin-left: 20px;  
}
```

```
.recommended-lessons {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
    gap: 20px;  
}
```

```
.lesson-card {  
    background: white;  
    border-radius: 10px;  
    overflow: hidden;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);  
}
```

```
.lesson-image {  
    height: 120px;  
    background: linear-gradient(135deg, var(--primary), var(--secondary));  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    color: white;  
    font-size: 2rem;  
    position: relative;  
}
```

```
.lesson-info {
```

```
padding: 20px;  
}  
  
.lesson-info h3 {  
    color: var(--dark);  
    margin-bottom: 10px;  
}  
  
.lesson-info p {  
    color: #777;  
    margin-bottom: 15px;  
    line-height: 1.5;  
}  
  
.exams-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));  
    gap: 30px;  
    margin-top: 40px;  
}  
  
.exam-card {  
    background: white;  
    border-radius: 10px;  
    overflow: hidden;  
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);  
}  
  
.exam-header {  
    padding: 20px;  
    background: linear-gradient(135deg, var(--primary), var(--secondary));
```

```
color: white;  
display: flex;  
justify-content: space-between;  
align-items: center;  
}
```

```
.exam-header h3 {  
margin: 0;  
font-size: 1.2rem;  
}
```

```
.exam-fee {  
background: white;  
color: var(--primary);  
padding: 5px 12px;  
border-radius: 20px;  
font-weight: 600;  
font-size: 0.9rem;  
}
```

```
.exam-body {  
padding: 20px;  
}
```

```
.exam-body p {  
color: #666;  
margin-bottom: 20px;  
line-height: 1.5;  
}
```

```
.exam-details {
```

```
display: flex;  
flex-direction: column;  
gap: 10px;  
}  
  
.exam-detail {  
display: flex;  
align-items: center;  
gap: 10px;  
color: #777;  
font-size: 0.9rem;  
}  
  
.exam-detail i {  
width: 16px;  
color: var(--primary);  
}  
  
.exam-footer {  
padding: 20px;  
border-top: 1px solid #eee;  
display: flex;  
justify-content: space-between;  
align-items: center;  
}  
  
.deadline {  
font-size: 0.8rem;  
color: #999;  
}
```

```
@media (max-width: 768px) {  
    .stats-grid {  
        grid-template-columns: 1fr;  
    }  
  
    .lesson-item {  
        flex-direction: column;  
        text-align: center;  
    }  
  
    .lesson-thumbnail {  
        margin-right: 0;  
        margin-bottom: 15px;  
    }  
  
    .lesson-action {  
        margin-left: 0;  
        margin-top: 15px;  
    }  
  
    .exam-footer {  
        flex-direction: column;  
        gap: 10px;  
    }  
}
```

Style.css

```
/* Reset */  
* {  
    margin: 0;  
    padding: 0;
```

```
  box-sizing: border-box;  
  font-family: "Segoe UI", Tahoma, sans-serif;  
}  
  
body {
```

```
  background: #f9fbff;  
  color: #333;  
}
```

```
/* Navbar */  
.navbar {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
  padding: 1rem 3rem;  
  background: white;  
  box-shadow: 0 2px 5px rgba(0,0,0,0.1);  
  position: sticky;  
  top: 0;  
}
```

```
.logo {  
  font-size: 1.5rem;  
  font-weight: bold;  
  color: #0077ff;  
}
```

```
.navbar ul {  
  list-style: none;  
  display: flex;  
  gap: 1.5rem;
```

```
}
```

```
.navbar ul li a {  
    text-decoration: none;  
    color: #333;  
    font-weight: 500;  
}
```

```
.auth-buttons {  
    display: flex;  
    gap: 0.8rem;  
}
```

```
/* Buttons */  
  
button {  
    cursor: pointer;  
    padding: 0.5rem 1rem;  
    border-radius: 6px;  
    font-weight: bold;  
    border: none;  
}
```

```
.btn-primary {  
    background: #0077ff;  
    color: white;  
}
```

```
.btn-outline {  
    background: transparent;  
    border: 2px solid #0077ff;  
    color: #0077ff;
```

```
}
```

```
/* Hero Section */
```

```
.hero {
```

```
  display: flex;
```

```
  align-items: center;
```

```
  justify-content: space-between;
```

```
  padding: 3rem;
```

```
  gap: 2rem;
```

```
}
```

```
.hero-text {
```

```
  max-width: 50%;
```

```
}
```

```
.hero-text h1 {
```

```
  font-size: 2.5rem;
```

```
  margin-bottom: 1rem;
```

```
}
```

```
.hero-text h1 span {
```

```
  color: #0077ff;
```

```
}
```

```
.hero-text p {
```

```
  font-size: 1.1rem;
```

```
  margin-bottom: 1.5rem;
```

```
}
```

```
.hero-buttons {
```

```
  display: flex;
```

```
    gap: 1rem;  
    margin-bottom: 1.5rem;  
}  
  
 .features li {  
}
```

```
/* Hero Image */  
.hero-image {  
    flex: 1;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}  
  
 .blue-box {
```

```
    width: 300px;  
    height: 200px;  
    background: #0077ff;  
    color: white;  
    font-size: 1.5rem;  
    font-weight: bold;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    border-radius: 12px;  
}
```

auth.js

```
document.addEventListener('DOMContentLoaded', function() {  
    // Password strength indicator  
  
    const passwordInput = document.getElementById('password');  
    const strengthBar = document.getElementById('password-strength');  
    const strengthText = document.getElementById('password-strength-text');  
  
    if (passwordInput && strengthBar && strengthText) {  
        passwordInput.addEventListener('input', function() {  
            const password = this.value;  
            let strength = 0;  
  
            // Length check  
            if (password.length >= 8) strength += 1;  
  
            // Contains lowercase  
            if (/^[a-z]/.test(password)) strength += 1;  
  
            // Contains uppercase  
            if (/^[A-Z]/.test(password)) strength += 1;  
  
            // Contains numbers  
            if (/^\d/.test(password)) strength += 1;  
  
            // Contains special characters  
            if (/[^A-Za-z\d]/.test(password)) strength += 1;  
  
            // Update strength indicator  
            if (password.length === 0) {  
                strengthBar.className = 'strength-empty';  
            } else if (strength < 2) {  
                strengthBar.className = 'strength-low';  
            } else if (strength < 4) {  
                strengthBar.className = 'strength-medium';  
            } else {  
                strengthBar.className = 'strength-high';  
            }  
        });  
    }  
});
```

```
strengthBar.style.width = '0%';
strengthText.className = "";
strengthText.textContent = "";

} else if (strength <= 2) {

    strengthBar.className = 'strength-fill weak';
    strengthText.className = 'weak';
    strengthText.textContent = 'Weak';

} else if (strength <= 4) {

    strengthBar.className = 'strength-fill medium';
    strengthText.className = 'medium';
    strengthText.textContent = 'Medium';

} else {

    strengthBar.className = 'strength-fill strong';
    strengthText.className = 'strong';
    strengthText.textContent = 'Strong';

}

});

}

// Password confirmation validation

const confirmPasswordInput = document.getElementById('confirm_password');

if (passwordInput && confirmPasswordInput) {

    confirmPasswordInput.addEventListener('input', function() {

        if (passwordInput.value !== this.value) {

            this.setCustomValidity('Passwords do not match');

        } else {

            this.setCustomValidity('');

        }

    });

}

}
```

```
// Form validation

const registerForm = document.querySelector('form[action="{{ url_for(\\'register\\') }}"]');
if (registerForm) {
    registerForm.addEventListener('submit', function(e) {
        const password = document.getElementById('password');
        const confirmPassword = document.getElementById('confirm_password');

        if (password && confirmPassword && password.value !== confirmPassword.value) {
            e.preventDefault();
            alert('Passwords do not match. Please check and try again.');
            confirmPassword.focus();
        }
    });
}

// Additional validation can be added here
};

}

// Social login buttons (placeholder functionality)
const socialButtons = document.querySelectorAll('.btn-social');

socialButtons.forEach(button => {
    button.addEventListener('click', function(e) {
        e.preventDefault();
        const provider = this.classList.contains('btn-google') ? 'Google' : 'Facebook';
        alert(`#${provider} login integration would be implemented here. This is a demo.`);
    });
});

}

// Forgot password functionality
```

```
const forgotPasswordLink = document.querySelector('.forgot-password');

if (forgotPasswordLink) {
    forgotPasswordLink.addEventListener('click', function(e) {
        e.preventDefault();
        alert('Password reset functionality would be implemented here. This is a demo.');
    });
}

// Terms and privacy links

const termsLinks = document.querySelectorAll('a[href="#"]');

termsLinks.forEach(link => {
    if (link.textContent.includes('Terms') || link.textContent.includes('Privacy')) {
        link.addEventListener('click', function(e) {
            e.preventDefault();
            const isTerms = link.textContent.includes('Terms');
            alert(`#${isTerms ? 'Terms of Service' : 'Privacy Policy'} would be displayed here. This is a demo.`);
        });
    }
});
```

Structure of the project

```
✓ ABACUS-PROJECT          ⌂ ⌂ ⌂ ⌂
  ↘ static
    ↘ css
      # auth.css
      # dash.css
      # style.css
    ↘ js
      JS auth.js
  ↘ templates
    ◊ activities.html
    ◊ base.html
    ◊ chat.html
    ◊ course.html
    ◊ dashboard.html
    ◊ lesson.html
    ◊ login.html
    ◊ p_report.html
    ◊ register.html
    ◊ studentreg.html
    ◊ teacher.html
  app.py
```