

Project of Web Application

Submitted By – Gourav Singh Panwar
(AU23B1009)

Submitted To – Prof. Himanshu Panadiwal Sir

Introduction to the project

- Project title – **Develop effective Career Counselling and Guidance Program in Schools to enhance Student career choice.**
- Problem statement – There is a significant gap in effective career guidance for students in schools, resulting in uninformed career choices that do not align with their interests or industry demands.
- Challenges & Objectives –
 1. Lack of personalized career guidance tailored to individual student interests.
 2. Limited access to real-world career insights and trends.
 3. Insufficient parental involvement in the career decision-making process.
 4. The need for mentor-driven support to guide students
- Description of the work – The objective of this project is to create a robust career counselling and guidance program that caters to students in schools. This program aims to provide personalised career assessments, recommendations driven by AI, opportunities for virtual exploration of various careers, mentorship connections, and parental involvement to enhance informed career choices

Introduction to the project

- Proposed Methods –

1. Career Interest Assessment:

- i) Conduct assessments using surveys and questionnaires.
- ii) Analyse results using predefined algorithms to determine career interests.

2. Virtual Career Exploration:

- i) Develop a platform with resources on various careers, including videos, articles, and interviews.
- ii) Allow students to explore different industries and job roles interactively.

3. Mentorship Program:

- i) Create a network of mentors from different industries.
- ii) Facilitate connections through the platform, allowing students to seek guidance.

4. Parental Involvement:

- i) Develop resources and workshops for parents to understand the counselling process.
- ii) Encourage communication between students, parents, and counsellors

Conclusion

- This career counselling and guidance program addresses the pressing need for effective career guidance in schools. By simple assessment and mentor-driven insights, it aims to provide personalised support that empowers students to make informed career choices, ultimately enhancing their future prospects.

Sign in page

View 1 – This is a login page for our website. Users can either login using their email and password. If they don't have an account also they can easily switch between sign up and sign in option according to their need.

Sign In

G+ f Q in

or use your email password

xyz@gmail.com

.....

Forget Your Password?

SIGN IN

Hello, Friend!

Register with your personal details to use all of site features

SIGN UP

Sign up page





View 2 – This is our sign up method in which user can enter his name, email and password to create his/her new account and can have easy access of our website.

Welcome Back!

Enter your personal details to use all of site features

SIGN IN

Create Account



or use your email for registration

Name

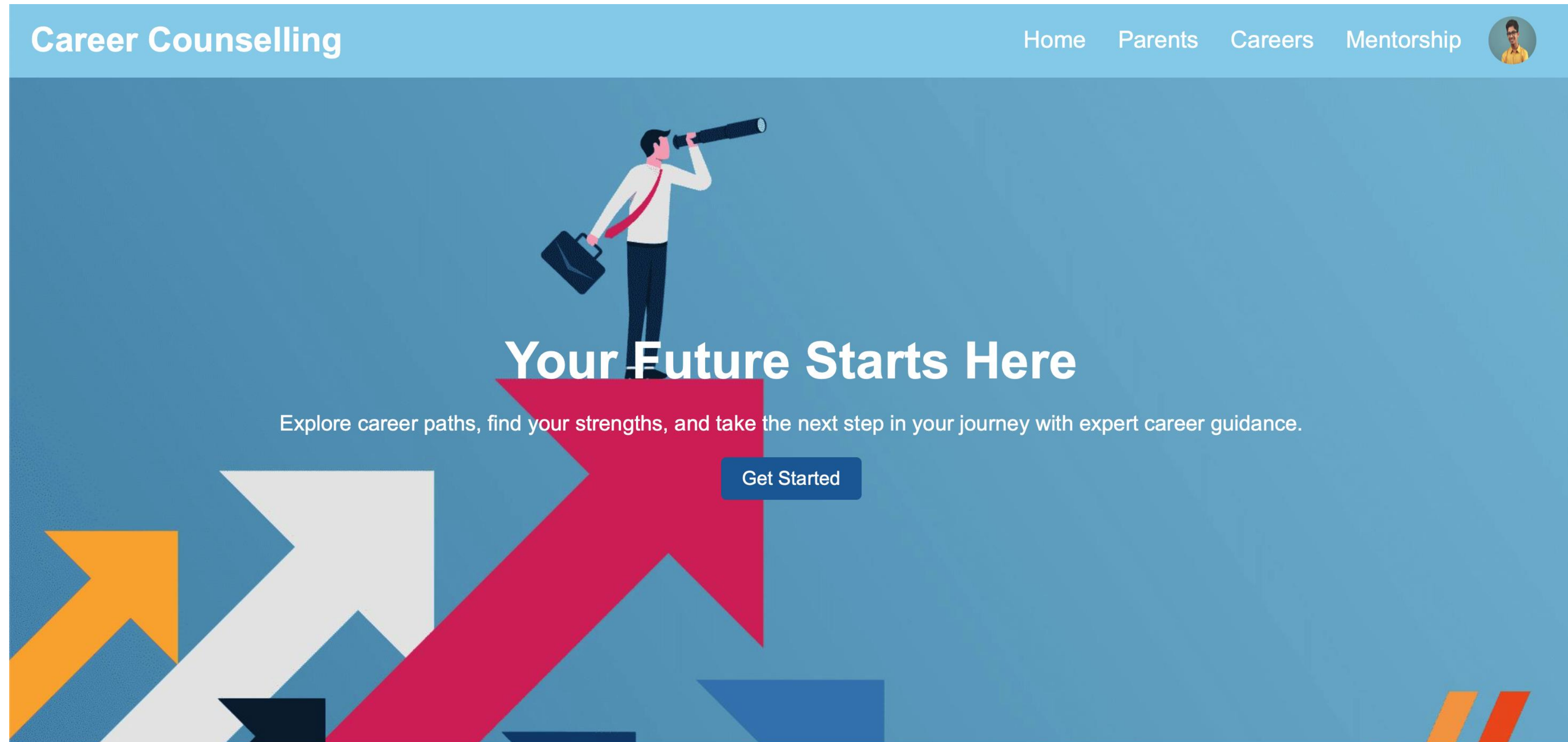
Email

Password

SIGN UP

[Index page/Home page](#)

[View 1](#) – It's a home page of our career counselling website where different sections and services are available such as profile, parents, careers, mentorship and a simple career guidance service.



View 2 – In this view 2 of our home page we are providing three services career assessment, explore your career, and mentorship. User can choose any of them according to their need.

How We Help

Career Interest Assessment

Discover your interests and strengths through personalized assessments.

Explore Career Options

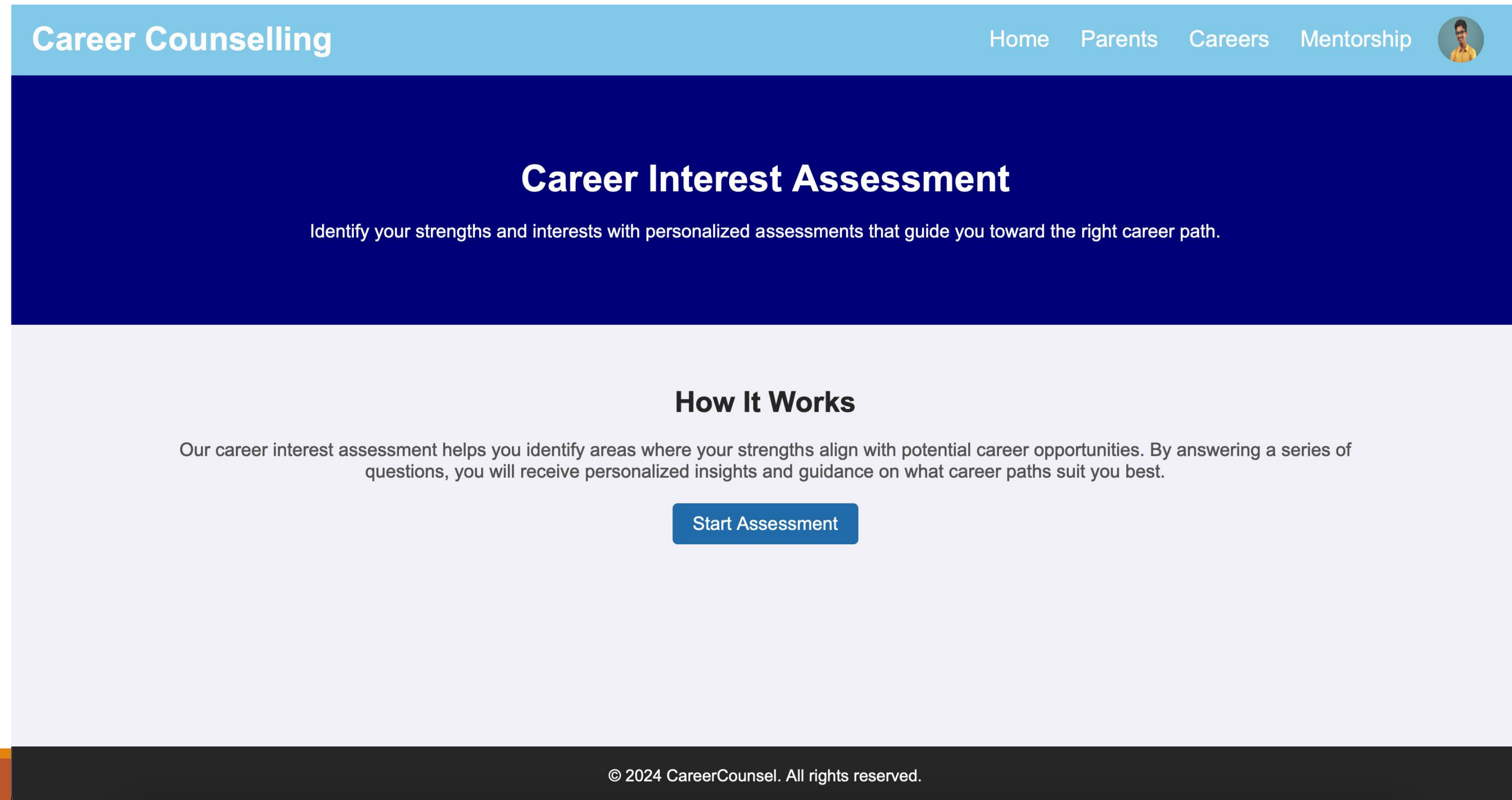
Explore various career paths and get AI-driven suggestions based on your skills and preferences.

Expert Mentorship

Connect with industry experts who can guide you through your career journey.

Career interest assessment page


View 1 – This is all about our career interest assessment and description about our form filling by which user can have the idea about his career opportunities that he/she can do in future.



Career interest assessment page

View 2 – This is our assessment form where some choices and interests are there which an user can select.

Career Counselling

HomeParentsCareersMentorship

Career Interest Assessment

Answer the questions below to discover your ideal career paths based on your interests and strengths.

Choose your interests:

- ☐ Technology
- ☐ Arts
- ☐ Business
- ☒ Science
- ☐ Healthcare
- ☐ Education
- ☐ Law

Which activities do you enjoy the most?

- ☐ Problem Solving
- ☒ Creative Thinking
- ☐ Managing People
- ☐ Helping Others

Your ideal work environment:

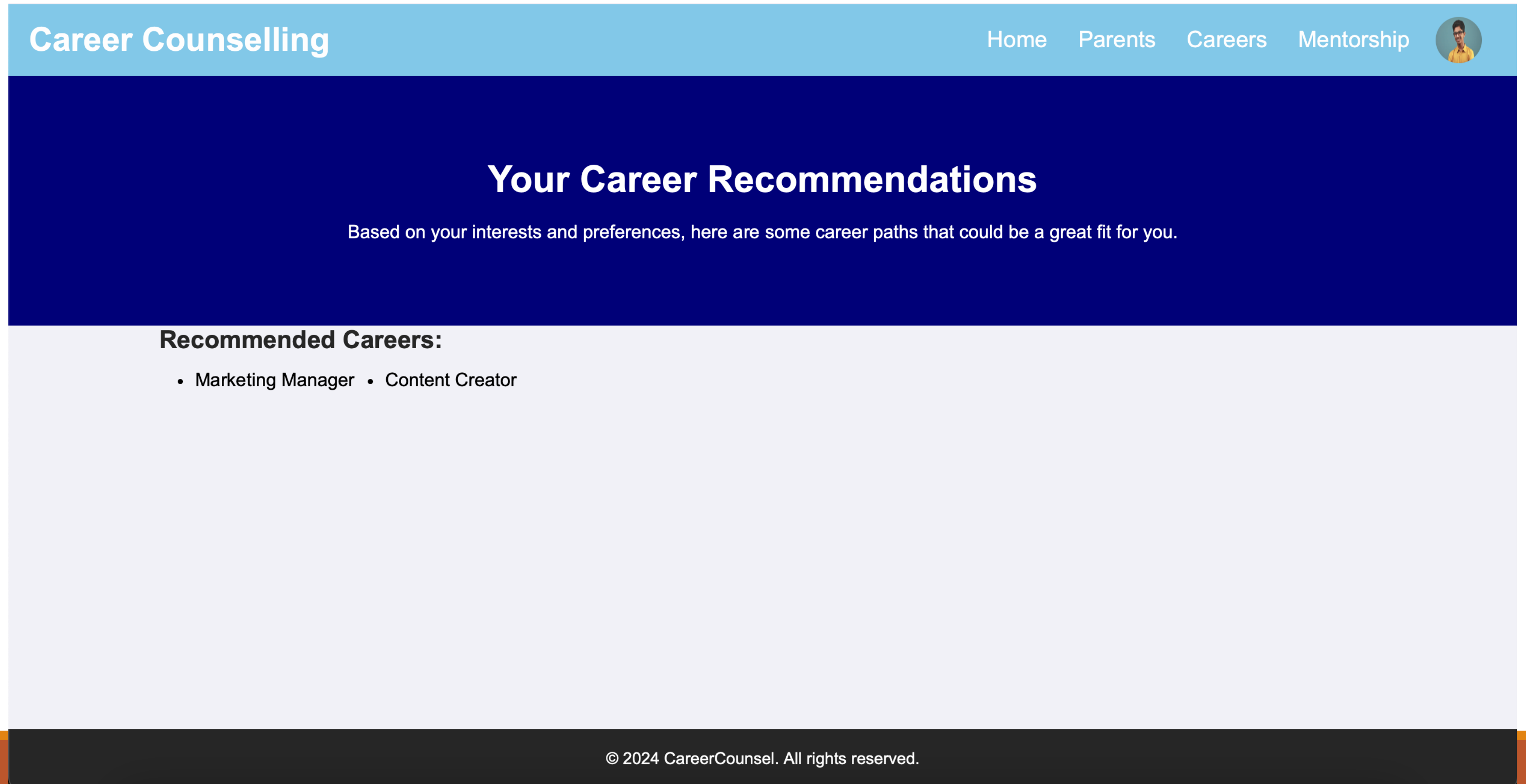
- ☐ Office
- ☒ Remote
- ☐ Outdoor

Submit Assessment

© 2024 CareerCounsel. All rights reserved.

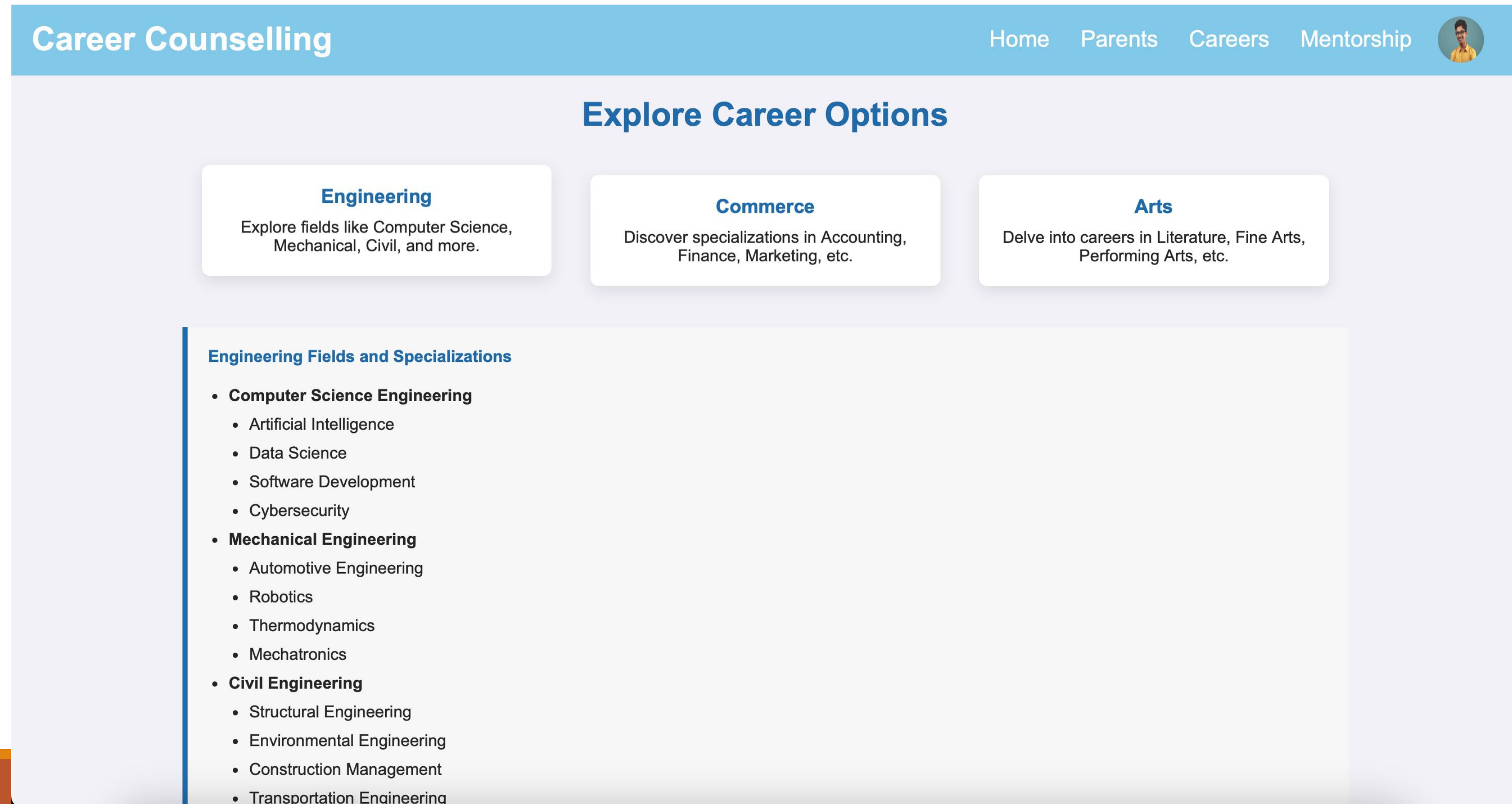
Recommendations page

View 1 – This is the final recommendation page in which a user can have the idea after the assessment that what best he can have different options for his/her future.



Explore career options


View 1 – Explore career options page provides user to have an idea about different career possibilities in three different fields such as engineering, commerce and arts.



Explore career options

View 2 – Explore career options page provides user to have an idea about different career possibilities in three different fields such as engineering, commerce and arts.

Career Counselling

HomeParentsCareersMentorship

Explore Career Options

Engineering

Explore fields like Computer Science, Mechanical, Civil, and more.

Commerce

Discover specializations in Accounting, Finance, Marketing, etc.

Arts

Delve into careers in Literature, Fine Arts, Performing Arts, etc.


Commerce Fields and Specializations

- **Accounting**
 - Auditing
 - Taxation
 - Financial Accounting
 - Management Accounting
- **Finance**
 - Investment Banking
 - Corporate Finance
 - Financial Planning
 - Risk Management
- **Marketing**
 - Digital Marketing
 - Advertising
 - Brand Management
 - Market Research

Explore career options

View 3 – Explore career options page provides user to have an idea about different career possibilities in three different fields such as engineering, commerce and arts.

Career Counselling

HomeParentsCareersMentorship

Explore Career Options

Engineering

Explore fields like Computer Science, Mechanical, Civil, and more.

Commerce

Discover specializations in Accounting, Finance, Marketing, etc.

Arts

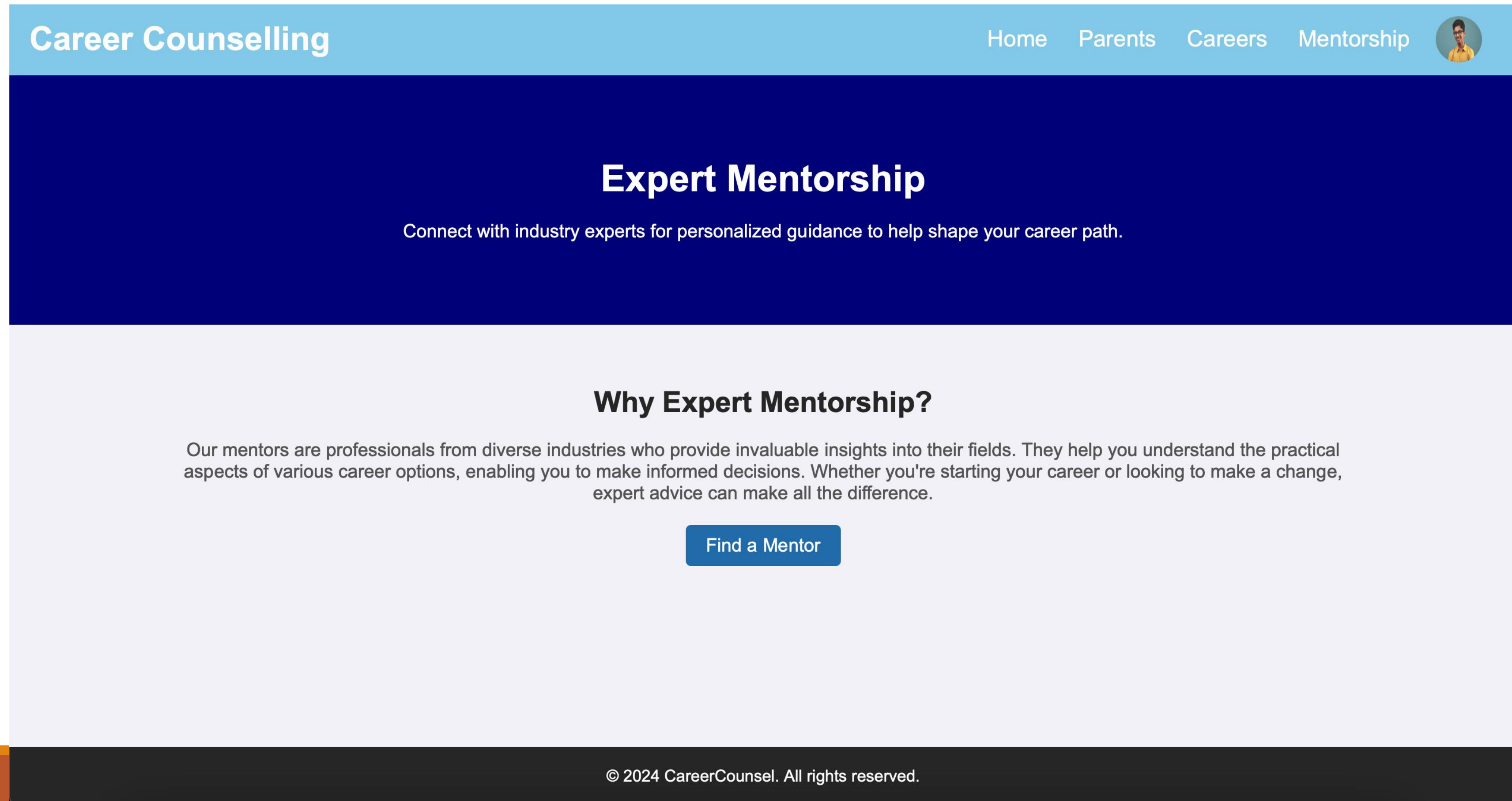
Delve into careers in Literature, Fine Arts, Performing Arts, etc.

Arts Fields and Specializations

- **Literature**
 - Creative Writing
 - Comparative Literature
 - Literary Criticism
 - Translation Studies
- **Fine Arts**
 - Painting
 - Sculpture
 - Printmaking
 - Photography
- **Performing Arts**
 - Theatre
 - Dance
 - Music
 - Film and Television

Expert mentorship page


View 1 – Expert mentorship page helps students and parents to find best mentor and mentorship program for themselves.




Expert mentorship page

View 2 – This are our best mentors in different specialization they have and give a easy guidance to the needy.


Career Counselling

HomeParentsCareersMentorship


Our Mentors




Dr. Anjali Mehta
Field: Engineering
Specialization: Artificial Intelligence, Data Science
[Book Appointment](#)



Mr. Rahul Gupta
Field: Commerce
Specialization: Finance, Accounting
[Book Appointment](#)



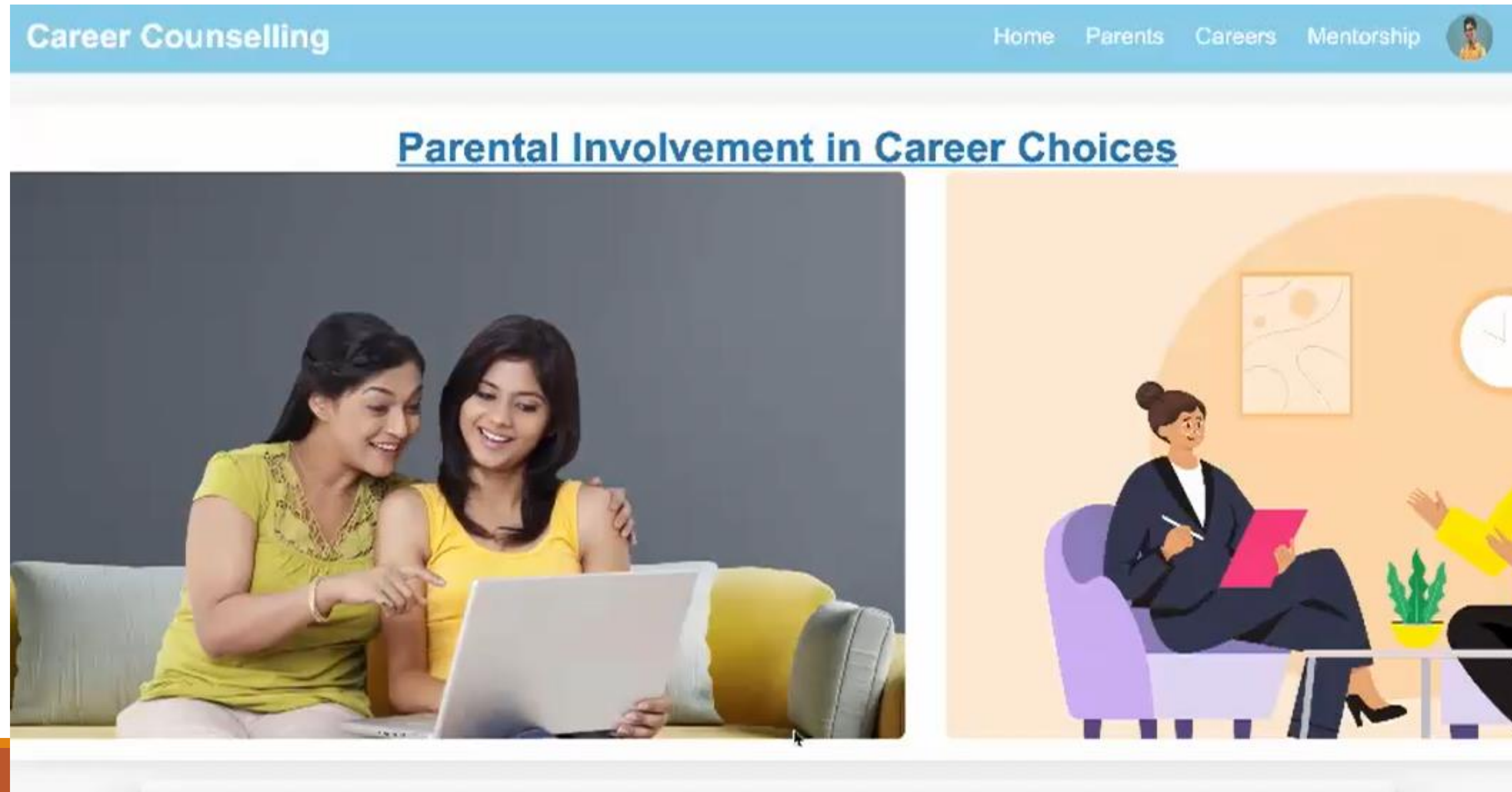
Ms. Pooja Sharma
Field: Arts
Specialization: Literature, Performing Arts
[Book Appointment](#)



Dr. Vivek Kapoor
Field: Medical Sciences
Specialization: Neurology, Research
[Book Appointment](#)

Parental involvement in career choices

View 1 – Parental involvement in career choices particularly help the parents that how they can contribute their efforts and involvement in his child's education and provide them best advice.



Parental involvement in career choices

View 2 – Parental involvement in career choices view 2 basically tells the parent that what different quality they can build up so that they can help their child in his/her career choices.

Parental Involvement in Career Choices

As parents, your role is crucial in shaping your child's career choices. Career guidance is a journey that both parents and children embark on together. With the right guidance, support, and encouragement, you can help your child explore their talents, interests, and opportunities.

The world of careers is constantly evolving, and your involvement in your child's decision-making process can help them navigate this complex landscape. Explore various fields, learn about new-age careers, and work together to discover the best path forward.

Understanding Strengths and Interests

Help your child discover their strengths and interests. Encourage them to take personality and career interest assessments, and discuss the results with them. Identifying what they're passionate about is the first step towards choosing a fulfilling career.

Exploring Career Options Together

Take time to explore various career options together. Encourage open discussions about different fields, job roles, and industry trends. You can use tools such as career exploration platforms or attend career fairs to gain insights into potential careers.

Encouraging Skill Development

In today's competitive world, acquiring the right skills is essential. Help your child identify the skills they need for their desired career path and encourage them to participate in skill-building activities, internships, or online courses.

Balancing Dreams and Reality

While it's important to encourage your child's dreams, balancing their aspirations with real-world expectations is key. Together, evaluate the feasibility of different career paths and create a plan that aligns with their goals and your family's resources.

Resources for Parents

- Career Interest Assessment Tools

Parental involvement in career choices

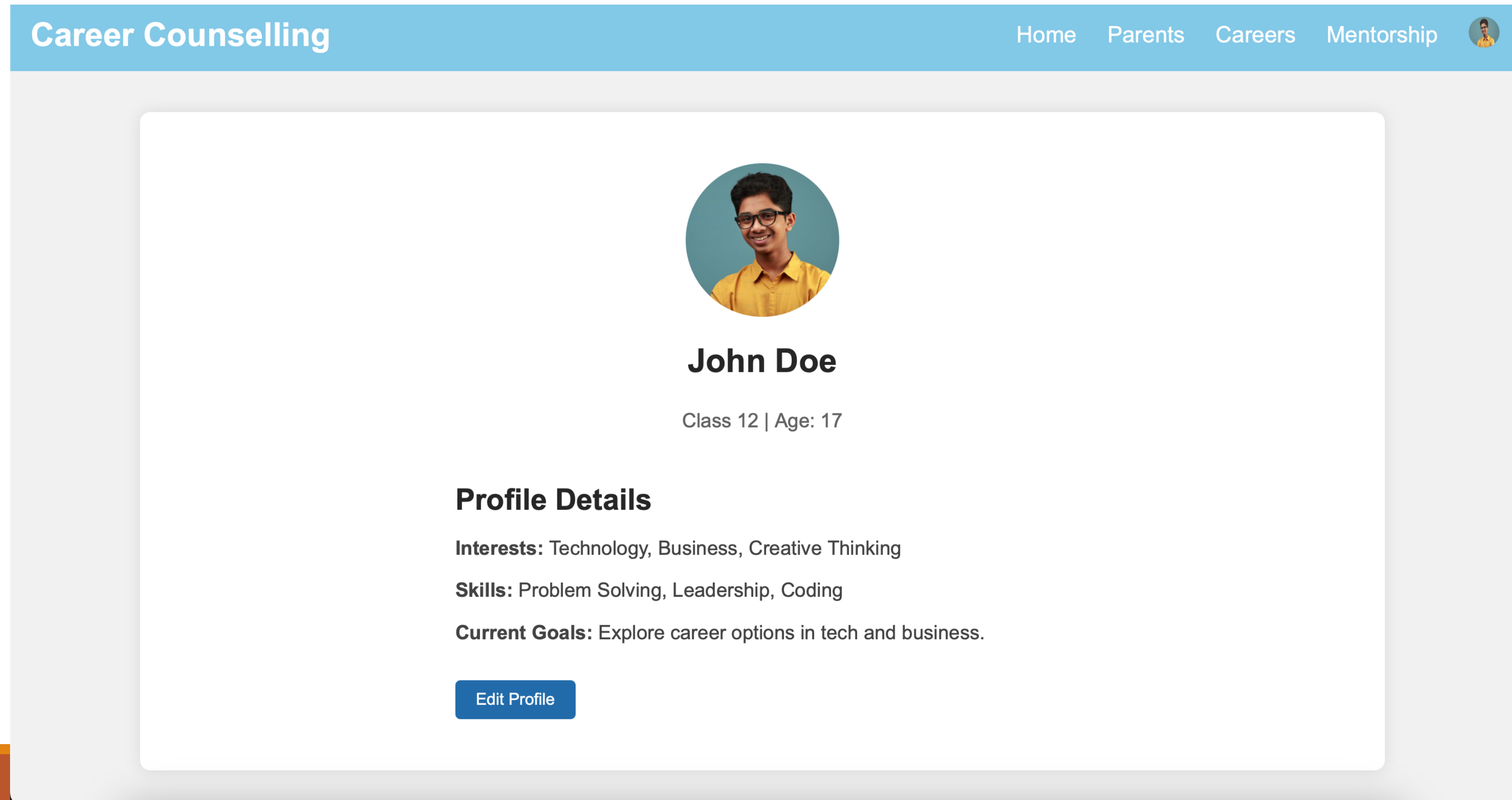
View 3 – Parental involvement in career choices view 3 have some resources or tools which help themselves and their child as well.

Resources for Parents

- Career Interest Assessment Tools
- Parent-Child Career Discussion Guide
- Online Career Exploration Platforms
- New Age Careers: A Parent's Guide
- How to Support Skill Development

Profile Section

View 1 – We have a simple profile section as well which defines the identity about the logged in user and can have options to edit the profile as well.



HTML code for index page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Career Counseling</title>
  <link rel="stylesheet" href="index.css">
</head>
<body>
  <!-- Header Section -->
  <header>
    <div class="Header">
      <div class="logo">
        <h1>Career Counselling</h1>
      </div>
      <nav>
        <ul class="nav-links">
          <li><a href="index.html">Home</a></li>
          <li><a href="parents.html">Parents</a></li>
          <li><a href="career.html">Careers</a></li>
          <li><a href="mentor.html">Mentorship</a></li>
          <!-- Profile Icon -->
          <li>
            <a href="profile.html">
              
            </a>
          </li>
        </ul>
      </nav>
    </div>
  </header>
```

HTML code for index page

```
<!-- Hero Section -->
<section class="hero">
  <div class="container">
    <h2>Your Future Starts Here</h2>
    <p>Explore career paths, find your strengths, and take the next step in your journey with
expert career guidance.</p>
    <a href="#" class="cta-btn">Get Started</a>
  </div>
</section>

<!-- Features Section -->
<section class="features">
  <div class="container">
    <h3>How We Help</h3>
    <div class="feature-cards">
      <!-- Career Interest Assessment Card -->
      <div class="card">
        <a href="career-assesseent.html">
          <h4>Career Interest Assessment</h4>
          <p>Discover your interests and strengths through personalized assessments.</p>
        </a>
      </div>

      <!-- Explore Career Options Card -->
      <div class="card">
        <a href="career.html">
          <h4>Explore Career Options</h4>
          <p>Explore various career paths and get AI-driven suggestions based on your skills and
preferences.</p>
        </a>
      </div>
    </div>
  </div>
</section>
```


HTML code for index page

```
<!-- Expert Mentorship Card -->
<div class="card">
  <a href="mentor.html">
    <h4>Expert Mentorship</h4>
    <p>Connect with industry experts who can guide you through your career journey.</p>
  </a>
</div>
</div>
</div>
</section>

<script src="index.js"></script>
<!-- Footer Section -->
<footer>
  <div class="container">
    <p>&copy; 2024 CareerCounsel. All rights reserved.</p>
  </div>
</footer>
</body>
</html>
```

CSS code for index page

```
* {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
  font-family: 'Arial', sans-serif;  
}
```

```
body {  
  background-color: white;  
  color: #333;  
}
```

```
a{  
  text-decoration: none;  
}
```

```
.container {  
  width: 80%;  
  margin: 0 auto;  
}
```

```
.logo h1 {  
  color: white;  
}
```

```
.logo  
{  
  position: relative;  
  padding-left:20px;  
  margin-right: auto;  
}
```

```
.Header{
```

CSS code for index page

```
display: flex;
  align-items: center;
  justify-content: flex-end;
  position: relative;
  background: skyblue;
  opacity: 0.9;
  width: 100%;
  height: 70px;
```

```
}
```

```
ul {
  list-style: none;
  display: flex;
  align-items: center;
```

```
}
```

```
ul li {
  margin: 0 15px;
  height: 100%;
  color: white;
  font-size: 22px;
```

```
}
```

```
ul li a {
  text-decoration: none;
  color: white;
```

```
}
```

```
ul li a: hover {
  color: darkblue;
```

```
}
```

```
.hero {
```

CSS code for index page

```
background: url('https://whatfix.com/blog/wp-content/uploads/2022/12/digital-transformation-3.jpg') no-repeat center center/cover;
color: white;
height: 80vh;
display: flex;
justify-content: center;
align-items: center;
text-align: center;
}
```

```
.hero h2 {
font-size: 48px;
margin-bottom: 20px;
}
```

```
.hero p {
font-size: 20px;
margin-bottom: 30px;
}
```

```
.cta-btn {
background-color: #2980b9;
color: white;
padding: 10px 20px;
text-decoration: none;
border-radius: 5px;
font-size: 18px;
transition: background-color 0.3s;
}
```

```
.cta-btn:hover {
background-color: #1f6aa5;
}
```

CSS code for index page

```
.features {
  background-color: #fff;
  padding: 60px 0;
}

.features h3 {
  text-align: center;
  margin-bottom: 40px;
  font-size: 32px;
  color: #333;
}

.feature-cards {
  display: flex;
  justify-content: space-around;
  flex-wrap: wrap;
}

.card {
  background-color: white;
  padding: 30px;
  border-radius: 10px;
  box-shadow: 0 10px 20px rgba(0, 0, 0, 0.1);
  width: 30%;
  margin-bottom: 20px;
  text-align: center;
  transition: transform 0.3s;
}

.card h4 {
  margin-bottom: 15px;
```

CSS code for index page

```
font-size: 22px;
color: skyblue;
}
```

```
.card p {
color: #666;
}
```

```
.card:hover {
transform: translateY(-10px);
}
```

```
footer {
background-color: #333;
padding: 20px 0;
color: white;
text-align: center;
margin-top: 50px;
}
```

```
.profile-icon {
width: 45px;
height: 45px;
border-radius: 50%;
cursor: pointer;
vertical-align: middle;
position: relative;
right: 20px;
}
```

```
.nav-links li {
display: inline-block;
}
```

```
.nav-links img {
display: inline-block;
margin-left: 15px;
}
```

Java Script code for index page

```
function bookAppointment(mentorName) {
    alert("Booking appointment with " + mentorName);
}
function toggleRoadmap(roadmapId) {
    const roadmap = document.getElementById(roadmapId);
    const allRoadmaps = document.querySelectorAll('.roadmap');

    // Hide all other roadmaps
    allRoadmaps.forEach(function (rm) {
        if (rm !== roadmap) {
            rm.style.display = 'none';
        }
    });

    // Toggle the selected roadmap
    if (roadmap.style.display === 'none' || roadmap.style.display === '') {
        roadmap.style.display = 'block';
    } else {
        roadmap.style.display = 'none';
    }
}

// Smooth scroll when "Get Started" button is clicked
document.querySelector('.cta-btn').addEventListener('click', function (e) {
    e.preventDefault();
    document.querySelector('.features').scrollIntoView({
        behavior: 'smooth'
    });
});

// Highlight the active link in the navigation menu based on scroll position
window.addEventListener('scroll', function () {
```


Java Script code for index page

```
const sections = document.querySelectorAll('section');
const navLinks = document.querySelectorAll('.nav-links li a');

let currentSection = "";

sections.forEach(section => {
  const sectionTop = section.offsetTop;
  const sectionHeight = section.clientHeight;
  if (pageYOffset >= sectionTop - sectionHeight / 3) {
    currentSection = section.getAttribute('class');
  }
});

navLinks.forEach(link => {
  link.classList.remove('active');
  if (link.getAttribute('href').includes(currentSection)) {
    link.classList.add('active');
  }
});

// Show alert when clicking on the "Career Interest Assessment" card
document.querySelectorAll('.card a')[0].addEventListener('click', function (e) {
  alert("Career Interest Assessment will help you discover your strengths!");
});
```

THANK YOU !!!