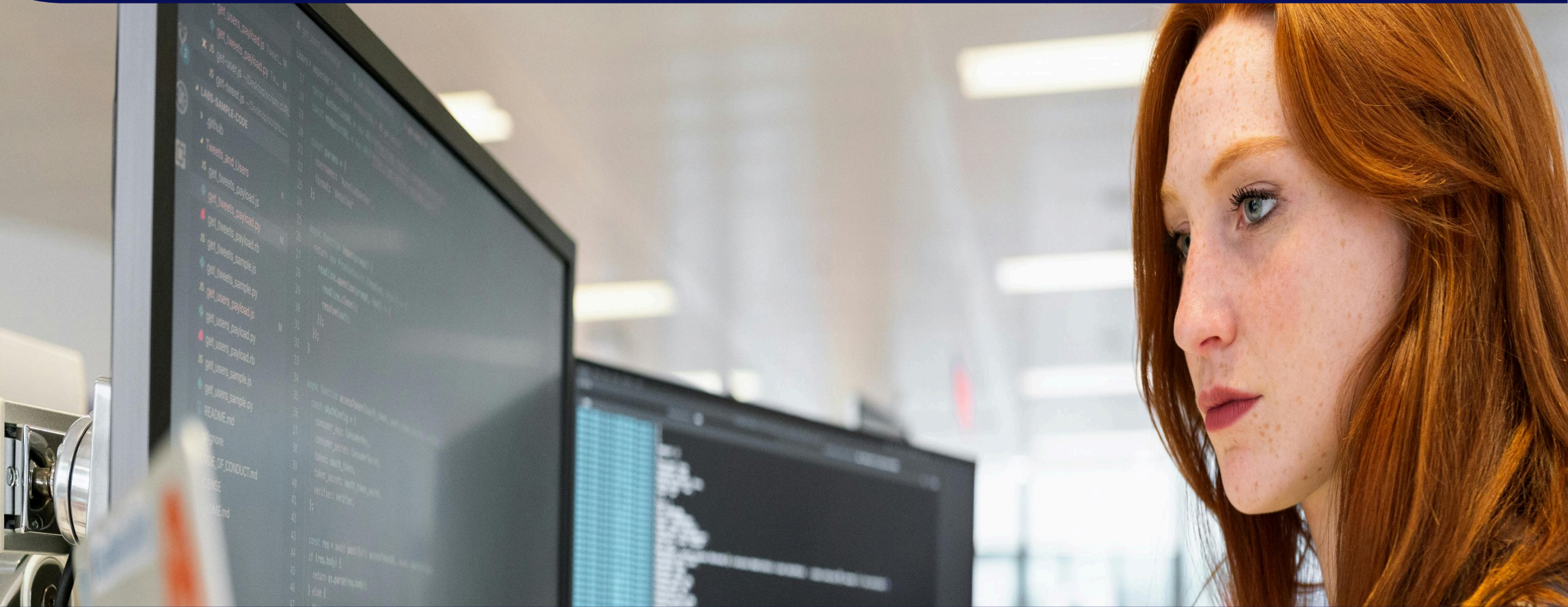


PFE BOOK



Catalog Of Final Year Project Topics



2025-2026

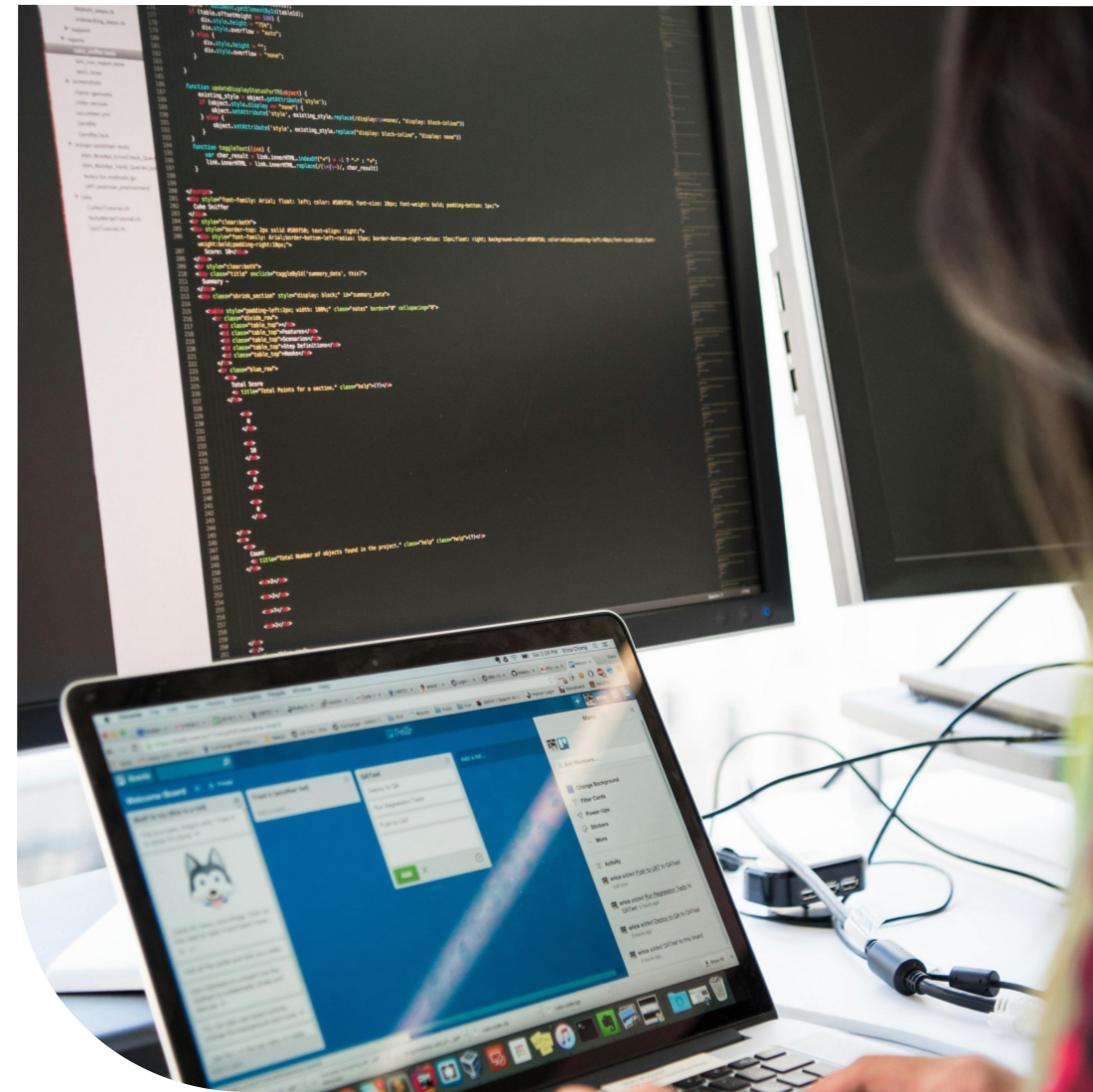
Eddium is a technology-driven educational organization dedicated to empowering Tunisian students to achieve academic and professional success worldwide. Founded to bridge the gap between talent and opportunity, Eddium offers personalized guidance, digital tools, and training programs that help students prepare for standardized tests, gain university admissions, and secure scholarships in the United States, Europe, and beyond.

As a forward-thinking company, Eddium integrates expertise in education, technology, and digital marketing. The company delivers innovative solutions that enhance the student journey. Through strategic partnerships with international universities and educational institutions, Eddium provides comprehensive support. This includes academic preparation and application assistance, visa guidance, and career orientation. Eddium also recognizes the importance of innovation and youth engagement. It actively collaborates with final-year students by offering internships and PFE (Projet de Fin d'Études) opportunities. These projects focus on developing practical solutions that enhance Eddium's services, digital platforms, and global impact. Students are encouraged to apply their technical, analytical, and creative skills to real-world challenges in fields like software development, artificial intelligence, digital marketing, data analytics, and educational technology.

Through these collaborations, Eddium not only supports students in building professional experience but also benefits from students' innovative ideas and fresh perspectives. This creates a win-win environment where education and entrepreneurship converge.



Education & Student Services Department



AI-Powered University Matching System

Description:

Develop an intelligent system to recommend universities to students based on their academic background, financial situation, and personal preferences. The project aims to automate and personalize the advising process at Eddium, allowing counselors to guide students more efficiently.

Your Tasks:

- Analyze user requirements and define selection criteria (e.g., country, field of study, budget, GPA).
- Design and develop a recommendation algorithm using machine learning or AI.
- Build and maintain a comprehensive database of universities and student profiles.
- Develop a user-friendly interface for both students and counselors.
- Test, validate, and refine the algorithm for accuracy and performance.
- Prepare thorough technical and user documentation.

Technologies Used:

- Python
- Django/Flask
- TensorFlow
- Scikit-learn
- MySQL
- React.js
- REST API



Number
1 intern



**Internship
Duration**
4 to 6 months

Scholarship Recommendation Platform

Description:

Develop a web-based platform to automate scholarship recommendations for students based on their academic level, nationality, and study goals. This project aims to simplify the scholarship discovery process and increase application rates through Eddium.

Your Tasks:

- Research and aggregate data from reliable scholarship databases.
- Design the system architecture and create UI mockups.
- Develop a filtering and searching system.
- Automate scholarship data collection by building a secure web scraping tool.
- Integrate a secure user authentication and profile management system.
- Integrate login and profile management for students.
- Deploy the final application to a live web server.

Technologies Used:

- React
- Next.js, Node.js
- Express
- MongoDB
- Firebase
- BeautifulSoup (for scraping)
- Figma



Numbre
1 intern



Internship Duration
4 to 6 months





Virtual Student Advisor Chatbot

Description:

Develop an AI-powered chatbot to answer common student questions about studying abroad, test registration (SAT, TOEFL, IELTS), scholarships, and academic programs. The final product will be integrated into Eddium's website and WhatsApp platforms.

Your Tasks:

- Identify and catalog the most common student questions to define chatbot intents and scenarios.
- Design detailed conversation flows and implement natural language processing (NLP) capabilities.
- Deploy the chatbot for integration into a website and a messaging platform.
- Conduct rigorous testing for conversation accuracy and response quality.
- Build a dashboard to monitor chatbot interactions, performance, and user satisfaction.
- Deliver comprehensive technical documentation and a report with future improvement recommendations.

Technologies Used:

- Python
- Dialogflow/Rasa
- Flask
- WhatsApp AP
- HTML/CSS
- Firebase
- Git



Numbre
1 intern



**Internship
Duration**

3 to 5 months

Study Abroad Readiness Assessment Tool

Description:

Create a web-based platform that automatically recommends scholarships available for students based on their academic level, nationality, andDevelop an interactive online test that evaluates a student's readiness for studying abroad based on language level, motivation, financial capacity, and academic goals. The system will generate a personalized report with advice and recommendations. study goals. The goal is to make scholarship discovery easier and encourage more applications through Eddium.

Your Tasks:

- Define evaluation criteria and scoring logic.
- Design an intuitive web interface for the assessment.
- Develop backend logic for data processing and report generation.
- Implement a dashboard for counselors to view student results.
- Conduct functional and usability testing.
- Write full documentation and deployment guide.

Technologies Used:

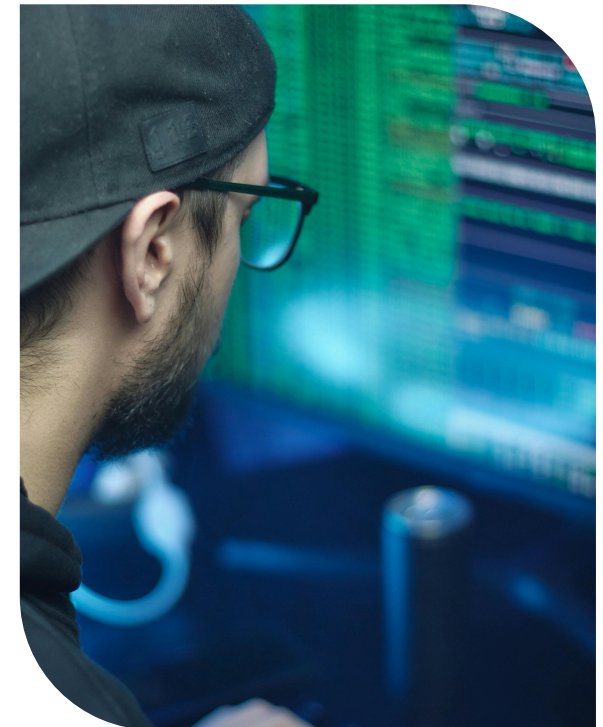
- React
- Next.js, Node.js
- Chart.js
- Tailwind CSS
- Figma
- Google Cloud

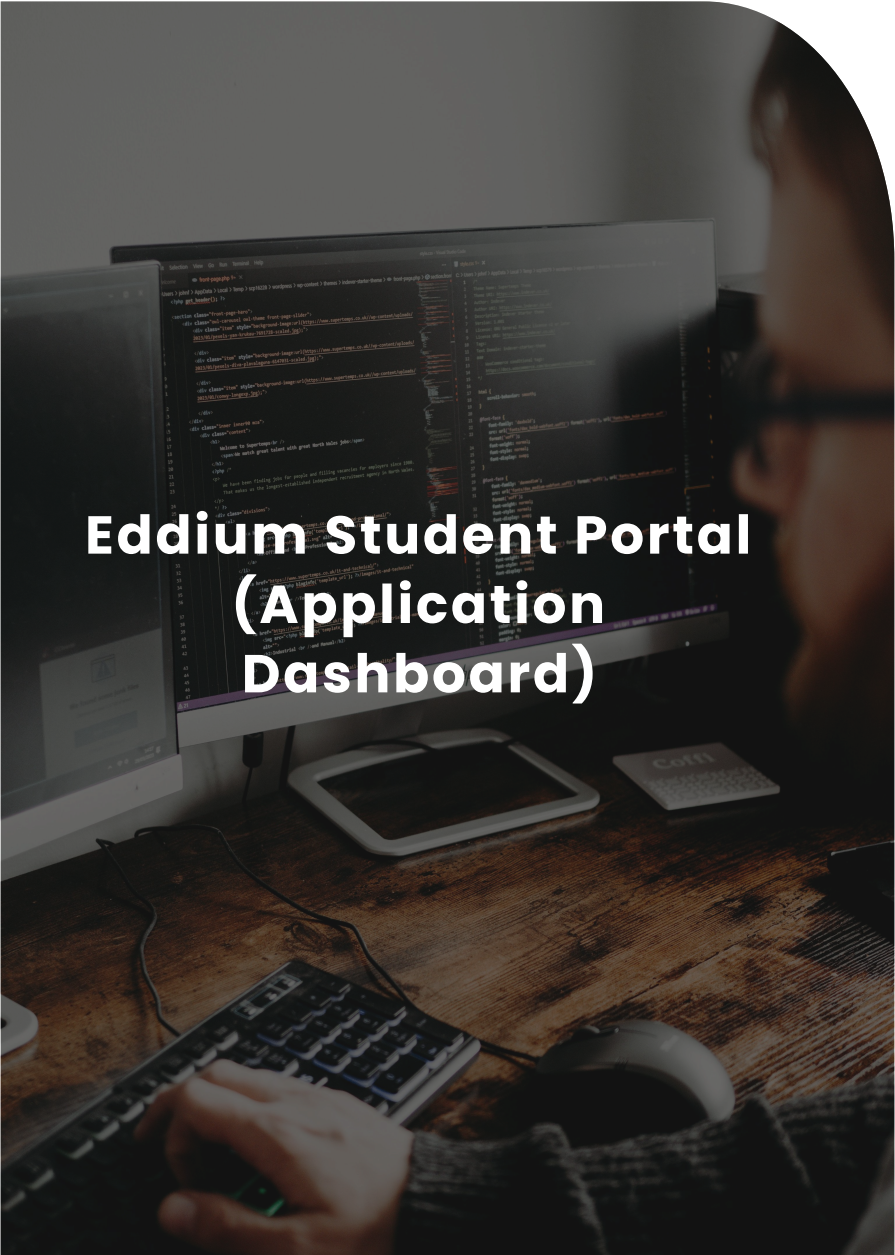


Numbre
1 intern



Internship Duration
4 to 6 months





Eddium Student Portal (Application Dashboard)

Description:

Create a centralized web portal where students can track their application status, payment deadlines, interview schedules, and document submissions. The platform will simplify communication between students and Eddium advisors.

Your Tasks:

- Analyze Eddium's current workflow and identify data needs.
- Design the database and system architecture.
- Develop core features (authentication, dashboard, notifications).
- Integrate with Eddium's internal CRM or database.
- Ensure responsive design and data security.
- Test, deploy, and maintain the platform.

Technologies Used:

- Laravel / React
- MySQL
- REST API
- Tailwind CSS
- JWT Authentication



Numbre
1 intern



**Internship
Duration**

4 to 6 months

Marketing & Growth Department



Market Research: Student Mobility Trends in Africa

Description:

Conduct an in-depth study on the trends, needs, and behaviors of African students seeking to study abroad. The project will help Eddium identify new target markets and improve marketing strategies.

Your Tasks:

- Collect and analyze data about students' preferred destinations and fields.
- Conduct surveys or interviews with students and counselors.
- Study competitors and their marketing approaches.
- Prepare a detailed market report with insights and recommendations.
- Present findings to Eddium's management team.

Tools Used

Google Forms, Excel / Google Sheets, SPSS / Power BI, Canva / PowerPoint



**Internship
Duration:**

3 to 4 months



Number

3 interns



Digital Marketing & Social Media Strategy

Description:

Develop and implement a social media strategy for Eddium to increase brand visibility, student engagement, and lead generation across platforms (Instagram, TikTok, Facebook, LinkedIn).

Your Tasks:

- Analyze current social media performance and audience behavior.
- Create and schedule engaging content (posts, reels, stories).
- Plan paid campaigns and measure their performance (CPC, CTR).
- Collaborate with the design and communication teams.
- Report monthly analytics and suggest improvements.

Tools Used

Meta Business Suite, Canva, Google Analytics, Later / Buffer, TikTok Ads Manager



**Internship
Duration:**

3 to 6 months



Number

3 interns

Brand Awareness & Positioning Study

Description:

Analyze Eddium's brand image in the student market and propose strategies to strengthen brand awareness and trust among students and parents.

Your Tasks:

- Conduct surveys/interviews with students to understand brand perception.
- Evaluate Eddium's competitors and their positioning.
- Identify communication strengths and weaknesses.
- Develop proposals for improving Eddium's branding and messaging.
- Present a final branding strategy report.

Tools Used

Google Forms, Excel, PowerPoint, Canva, Miro (for brand strategy maps)



**Internship
Duration:**

3 to 5 months



Number
3 interns

Content Marketing & Storytelling for Student Success

Description:

Create inspiring content around student success stories, scholarships, and Eddium programs to humanize the brand and increase engagement on social media and the website.

Your Tasks:

- Collect testimonials and stories from students.
- Write blog articles, captions, and short video scripts.
- Coordinate with the design and video editing teams.
- Plan storytelling campaigns across platforms.
- Track engagement metrics and feedback.

Tools Used

Canva, Google Docs, Notion, Instagram Insights, TikTok Analytics



**Internship
Duration:**

3 to 5 months



Number

3 interns

Partnership Marketing Research

Description:

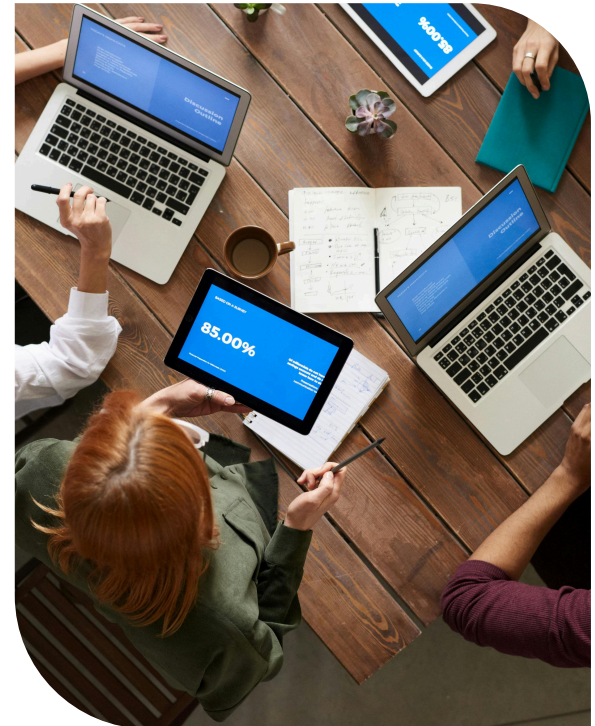
Research and identify potential partnership opportunities with schools, universities, and educational agencies in Africa and Europe to expand Eddium's network.

Your Tasks:

- Map and list potential institutional partners.
- Research their programs and contact details.
- Prepare partnership presentation documents.
- Support Eddium's business development team with outreach.
- Build a contact database and follow-up strategy.

Tools Used

LinkedIn, Excel, Google Sheets, Canva (for presentation), Email / CRM



**Internship
Duration:**

4 to 6 months



Number

1 intern

Business & Partnership Development Department



Customer Relationship Management (CRM) Strategy

Description:

Design a business strategy to improve how Eddium manages and retains its students and partners using CRM tools and data-driven approaches.

Your Tasks:

- Audit the current student and partner management process.
- Identify weaknesses in customer communication and retention.
- Recommend and configure a CRM solution.
- Propose KPIs for customer satisfaction and loyalty.
- Prepare reports and training materials for the team.

Tools Used

HubSpot / Zoho CRM, Excel, Google Sheets, Canva, Power BI



**Internship
Duration:**

4 to 6 months



Number

2 interns

Strategic Partnership Development Plan

Description:

Develop a strategic partnership plan that identifies new institutional, educational, and business partners to expand Eddium's global reach and offerings.

Your Tasks:

- Research potential local and international partners.
- Evaluate partnership value (mutual benefits and costs).
- Create communication templates and partnership proposals.
- Support partnership negotiations and documentation.
- Present a partnership development roadmap.

Tools Used

LinkedIn, Excel, Canva, Google Slides, Trello / Notion



**Internship
Duration:**

4 to 6 months



Number

2 interns

Competitive Analysis & Positioning Study

Description:

Analyze competitors in the education consulting and study abroad market to help Eddium define its competitive advantage and improve its positioning.

Your Tasks:

- Identify direct and indirect competitors.
- Analyze their pricing, services, and online presence.
- Define Eddium's strengths, weaknesses, opportunities, and threats.
- Recommend differentiation strategies.
- Prepare a complete positioning report.

Tools Used

SWOT Analysis, Excel, Google Sheets, Canva, PowerPoint



**Internship
Duration:**

3 to 4 months



Number

1 intern



Design & Creative Department



UI/UX Redesign of Eddium's Mobile Application



Description:

Redesign the interface and user experience of the Eddium mobile app to improve usability, navigation, and engagement for students.

Your Tasks:

- Conduct user research and identify design pain points.
- Create low-fidelity and high-fidelity wireframes.
- Propose an improved UX flow for registration, tests, and application tracking.
- Build a design prototype with Figma.

Technologies Used:

- Figma, Adobe XD,
- Miro, Notion



Internship Duration:

4 to 6 months



Number

1 intern

Social Media Visual Campaign Creation

Description:

Develop creative social media visual campaigns for Eddium's marketing team to promote SAT preparation, scholarships, and study abroad programs.

Your Tasks:

- Create daily/weekly social media visuals (posts, stories, reels).
- Design templates for Instagram, Facebook, and LinkedIn.
- Maintain visual consistency and adapt content for each platform.
- Work with the marketing team to align visuals with campaign goals.

Tools Used

Canva, Photoshop, Illustrator, CapCut



**Internship
Duration:**

3 months



Number

2 interns

Motion Design & Animation for Educational Content

Description:

Create animated videos and motion graphics to make Eddium's educational content more engaging for students.

Your Tasks:

- Design short animations explaining Eddium services.
- Create intro/outro motion graphics for video content.
- Animate icons, transitions, and educational infographics.
- Collaborate with content and marketing teams.

Tools Used

After Effects, Adobe Premiere Pro, Blender, Canva



**Internship
Duration:**

3 months



Number

2 interns





**Thank you for your attention and
commitment to excellence.**

**Together, we continue to
innovate and empower students
worldwide.**

 **For Any Inquiries or Future Opportunities:
Contact us at hr@eddium.com**

Eddium – Empowering Students for Global Success

