Justine Retiro
IT3-South 2

Project Title: Virtual Pet Adoption Fair: Bringing Shelter Pets to Homes

Industry Representative: Collaboration with animal shelters, pet shops, and local community animal welfare groups

Brief Description of the Proposal Project:
This capstone project aims to create an engaging and immersive virtual pet adoption fair. The web platform will allow potential pet parents to virtually interact with available shelter animals, offering a dynamic way to find their perfect furry companions while fostering a stronger connection between adopters and pets.

Statement of the Problem:
In a world where shelter animals often struggle to find their forever homes, the absence of an interactive platform compounds the issue. Many potential adopters miss out on the opportunity to meet and connect with these animals due to limitations in visiting physical locations. This virtual adoption fair seeks to bridge this gap, ensuring more animals find loving homes and more adopters find their ideal companions.

Possible Features of the Proposal System:
- **Virtual Pet Playrooms:**
  - Adopters can virtually engage with shelter pets through interactive playrooms, allowing them to witness the pets' personalities and behaviors.
- **Adoption Compatibility Quiz:**
  - A personalized quiz helps potential adopters determine which type of pet aligns with their lifestyle, ensuring a suitable match.
- **Live Adoption Events:**
  - Host live video streaming adoption events, where shelter staff showcase pets' unique qualities and answer questions from potential adopters in real-time.
- **Virtual Meet and Greets:**
  - Scheduled virtual meetups between adopters and shelter pets through video conferencing, enhancing the personal connection.
- **Community Stories:**
  - Share heartwarming stories of successful adoptions and the positive impact of adopting shelter animals.
- **Pet Care Workshops:**
  - Collaborate with pet experts to provide online workshops on pet care, training, and wellbeing.

Group Leader: Kyle Clarence Deus

Project Title: Student Performance Management System: Enhancing Academic Success

Industry Representative: Collaboration with educational institutions, government education departments, and educational technology experts

Brief Description of the Proposal Project: This capstone project aims to develop an advanced student performance management system that empowers educational institutions to track and enhance students' academic progress. The system will provide real-time insights into student performance, enabling educators, parents, and administrators to work collaboratively in supporting student success.

Statement of the Problem:
In the world of education, ensuring each student's success requires accurate data and effective collaboration between educators, parents, and administrators. Current systems often lack the integration and user-friendly features needed to holistically track and manage student performance. This project seeks to bridge this gap by creating a comprehensive management system that supports academic growth and collaborative efforts among all stakeholders.

Possible Features of the Proposal System:
- **Individual Student Profiles:**
    - Each student has a dedicated profile containing academic history, achievements, and learning goals.
- **Real-time Gradebook:**
    - Educators can input grades, assignments, and assessments in real-time, allowing students and parents to monitor progress.
- **Performance Analytics:**
    - Generate comprehensive reports on individual and class-level performance trends, highlighting areas that need attention.
- **Collaborative Portal:**
    - Provide a secure portal where teachers, parents, and administrators can communicate, share insights, and discuss strategies.
- **Early Intervention Alerts:**
    - Identify struggling students and notify relevant stakeholders to intervene promptly.
- **Resource Repository:**
    - Centralize learning resources, study guides, and supplementary materials for students and educators.
- **Customized Learning Plans:**
    - Allow educators to create personalized learning plans tailored to each student's strengths and areas of improvement.

Capstone Title: Career Guidance and Counseling Platform V.1

Industry representative and beneficiary of the project: CSDL

Short description: This system is an assessment and counseling platform for CSDL that can help the students to identify and help them choose what to major in college.

Statement of the problem: Due to the increasing number of students graduating senior high or students who left behind especially during pandemic, by creating a platform for CSDL that offers career assessment tests, provides information about different career paths, and connects students with mentors. This system can help them to assess their skills, interest, strength, and weakness. This system might solve the problem many students are facing in this era.

Possible features:
- **Basic Authentication.**
  - Students can use their name and student id number as a basic authentication to continue the assessment platform.
- **Limited Questions.**
  - Questions are only limited to 15 questions only with the same question as default.
- **Live Consultation.**
  - It will have a live consultation via call or email using AU email depending on what they input in the platform. They will also gain insights of what college major they may possibly land to.
- **Career catalog page.**
  - A catalog page for college majors that AU offers to incoming freshmen and with the possible jobs they can apply after they graduate.

Group Leader: Kyle Clarence Deus

Project Title: Interactive E-Commerce Platform for Local SMEs or thru DTI representative

Industry Representative: Collaboration with SMEs Cooperative local small business

Brief Description of the Proposal Project: The proposed project aims to create an interactive e-commerce where they can showcase and attract customers. This platform will boost their sales, daily customer visits, and reach a much wider customer base. Customers will be able to browse and purchase thrifted apparel and fashion products they offer.

Statement of the Problem: The effective online marketing and sales of local SMEs' products frequently presents difficulties. They don't have a centralized platform that meets their particular requirements, which has a negative impact on visibility and sales. Additionally, it can be challenging for customers who want to patronize nearby SMEs to find and buy their goods.

Possible Features of the Proposal System:
- **Customers Profiles:**
  - Customers can create profiles and customize as much as they like.
- **Apparel Listings:**
  - Also known as a shopping catalog where business owners can showcase their product to customers.
- **Ratings and Reviews:**
  - Customers can rate what are their thoughts about the product they receive and it also boosts the shop and encourages others to buy their products.
- **Live Selling Events**:
  - Sellers can live sell their products within their website by sharing their streaming media into the website.

Group Leader: Kyle Clarence Deus

Project Title: Student Financial Management System: Empowering Educational Financial Success

Industry Representative: Collaboration with schools, government education departments, and financial institutions

Brief Description of the Proposal Project: This capstone project aims to develop an efficient and user-friendly student financial management system that streamlines financial processes for educational institutions and students. The platform will provide students with tools to manage their finances, while schools and government education departments can ensure smoother disbursement and tracking of funds.

Statement of the Problem:
Navigating the financial aspects of education can be complex and overwhelming for students, schools, and government bodies alike. Financial transactions, scholarship applications, and fund disbursements often lack transparency and efficiency. This project addresses these challenges by creating a centralized platform that empowers students to manage their educational finances while enhancing accountability and transparency for institutions and governments.

Possible Features of the Proposal System:

- **Student Wallet:** Students can view their financial status, receive disbursements, and manage tuition fees from a single dashboard.
- **Scholarship Portal:** A centralized portal for scholarship applications, reviews, and notifications, streamlining the process for students and evaluators.
- **Budgeting Tools:** Financial planning tools to help students allocate funds for various educational expenses.
- **Document Repository:** Securely store and access financial documents, receipts, and disbursement records.
- **Financial Literacy Resources:** Collaborate with banks to provide financial education resources to students, enhancing their financial literacy.
- **Disbursement Tracking:** Schools and government bodies can monitor disbursements, track fund utilization, and ensure compliance.
- **Automated Alerts**: Email or SMS notifications for upcoming tuition payments, disbursements, and scholarship deadlines.

Group Leader: Kyle Clarence Deus