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ROYAL UNIVERSITY OF PHNOM PENH

DevSpeed Technology Co., Ltd.

Windows Server Admin
Professor: Heng Sovannarith
Class: M1
Group: 1

Group Members (Group 1)



Name	Role	Tasks
Sou Chanrojame	Leader	DHCP Server, VPN Server, FTP Server, DNS Server, Failover Cluster, Mail Server, Terminal Server, Fine-Tuning LLM
Orn Pheakdey	Member	File Server, Proxy Server
Long Neron	Member	Database Server, Domain Controller
Then Sivthean	Member	Web Server, Container (Docker)
Le Sreyima	Member	Backup Server, Load Balancing

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Company Introduction






Who We Are:

DevSpeed Technologies Co., Ltd. is a forward-thinking software development company.

Our Mission:

Dedicated to delivering high-performance digital solutions with speed, precision, and innovation.

Our Specialization:

-  Building modern **web**,  **mobile**, and  **cloud** applications.
-  Turning ideas into scalable products using **quality-driven development**, **agile processes**, and **cutting-edge technologies**.
-  Combining technical excellence with a deep understanding of clients' goals for **custom enterprise systems**, **API integration**, and **digital platforms**.

Core Belief:

"Speed matters — but quality defines success."



Company Overview

We designs and implements a full enterprise IT environment using **Windows Server 2022**.



Server Role



Key Function



Domain Controller

Manages user authentication, authorization, and security via Active Directory.



Web Server

Hosts company websites, web apps, and client portals using IIS.



Database Server

Stores critical data and application records (SQL, MongoDB, PostgreSQL).



File Server

Centralized storage and document sharing for teams.












Mail Server

Manages internal and external email communications.



VPN Server

Offers secure remote access for employees.

 DHCP Server	Automatically assigns IP addresses on the corporate network.
 DNS Server	Provides name resolution for network connectivity.
 Proxy Server	Enhances internet performance and filters web access.
 Load Balancing	Distributes workloads to ensure performance and reliability.
 Failover Cluster	Guarantees high availability by automatically switching services.
 Backup Server	Provides regular backup and disaster recovery solutions.
 Terminal Server	Enables remote desktop access for lightweight client machines.
 FTP Server	Facilitates secure file sharing with clients and partners.
 Container (Docker)	Hosts containerized applications and microservices for development/testing.

Infrastructure of company

DevSpeed Technologies operates through 9 key departments, each contributing to reliable project delivery.



Department



Primary Focus



Software Development

Backend, frontend, mobile & cloud app development.



UI/UX Design

Creates intuitive interfaces & great user experiences.



QA & Testing

Ensures reliability, performance, and security.



PMO (Project Management Office)

Manages timelines, client communication & team coordination (Agile/Scrum).



DevOps & Cloud Infrastructure

CI/CD automation, deployment, and system monitoring.



Research & Development

Explores new technologies & innovations.



Business Development &
Sales

Finds clients, prepares proposals, builds partnerships.



Customer Success &
Support

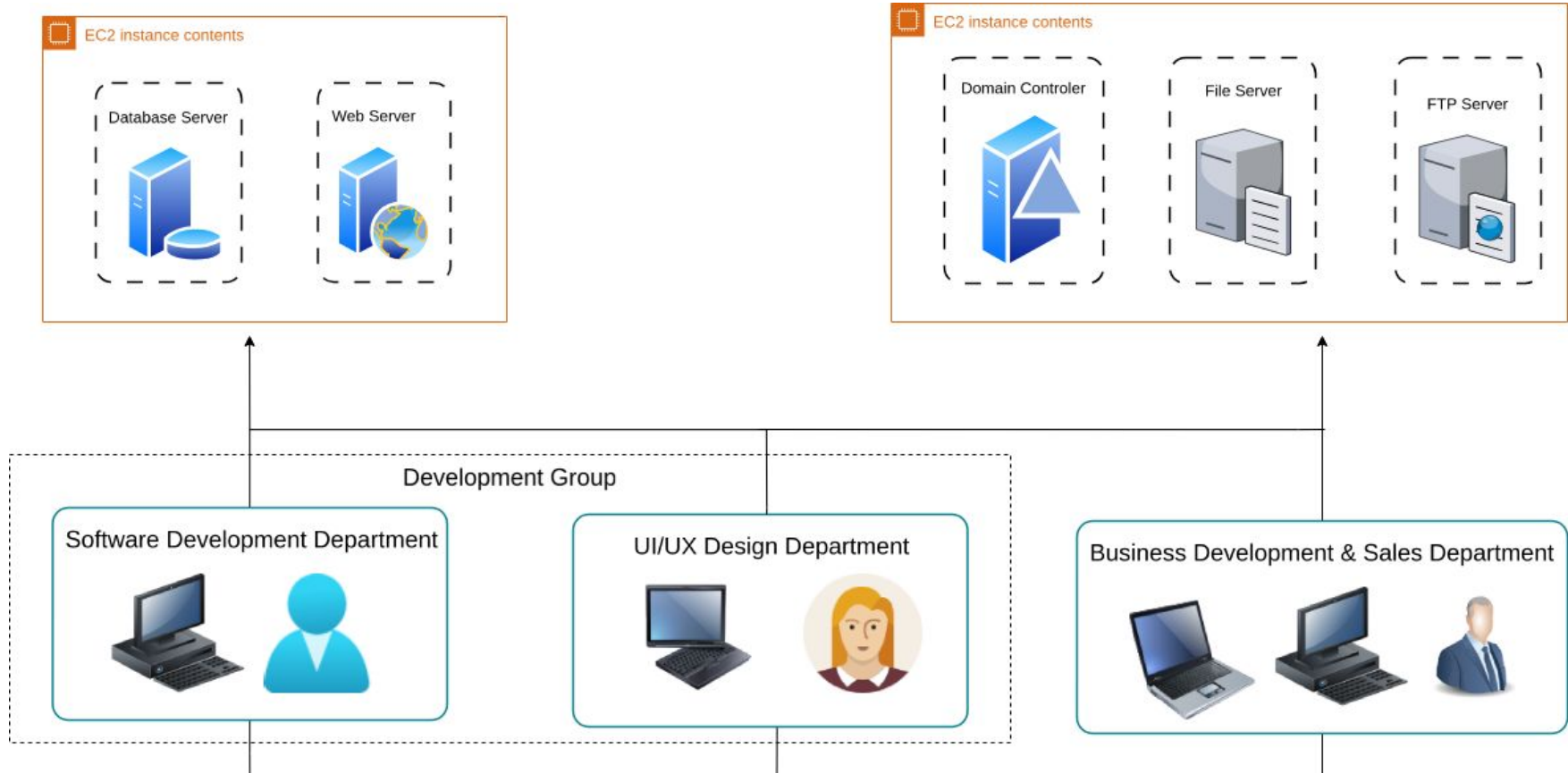
Provides technical support and long-term client care.



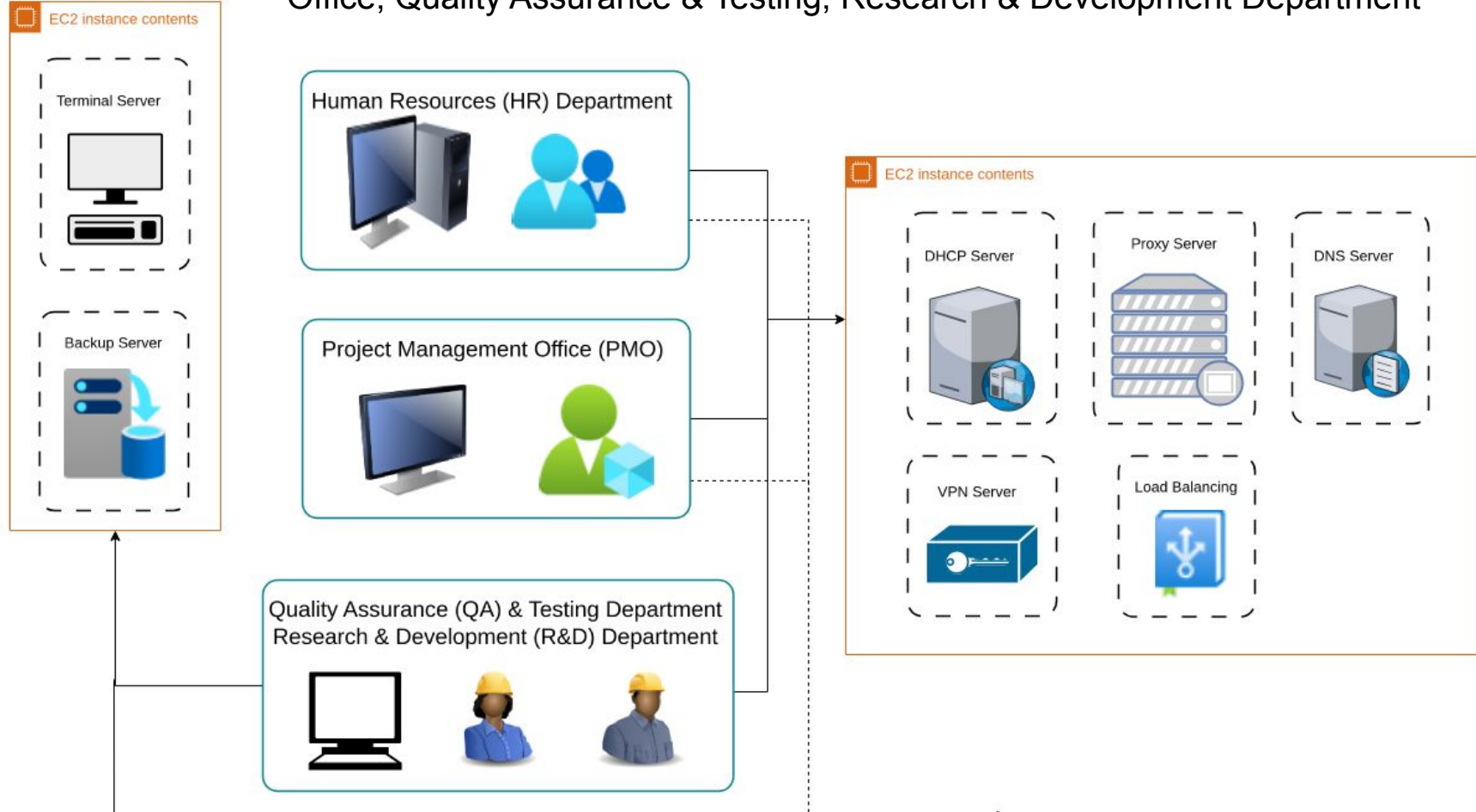
HR, Finance & Marketing

Handles recruitment, budgeting, branding & admin.

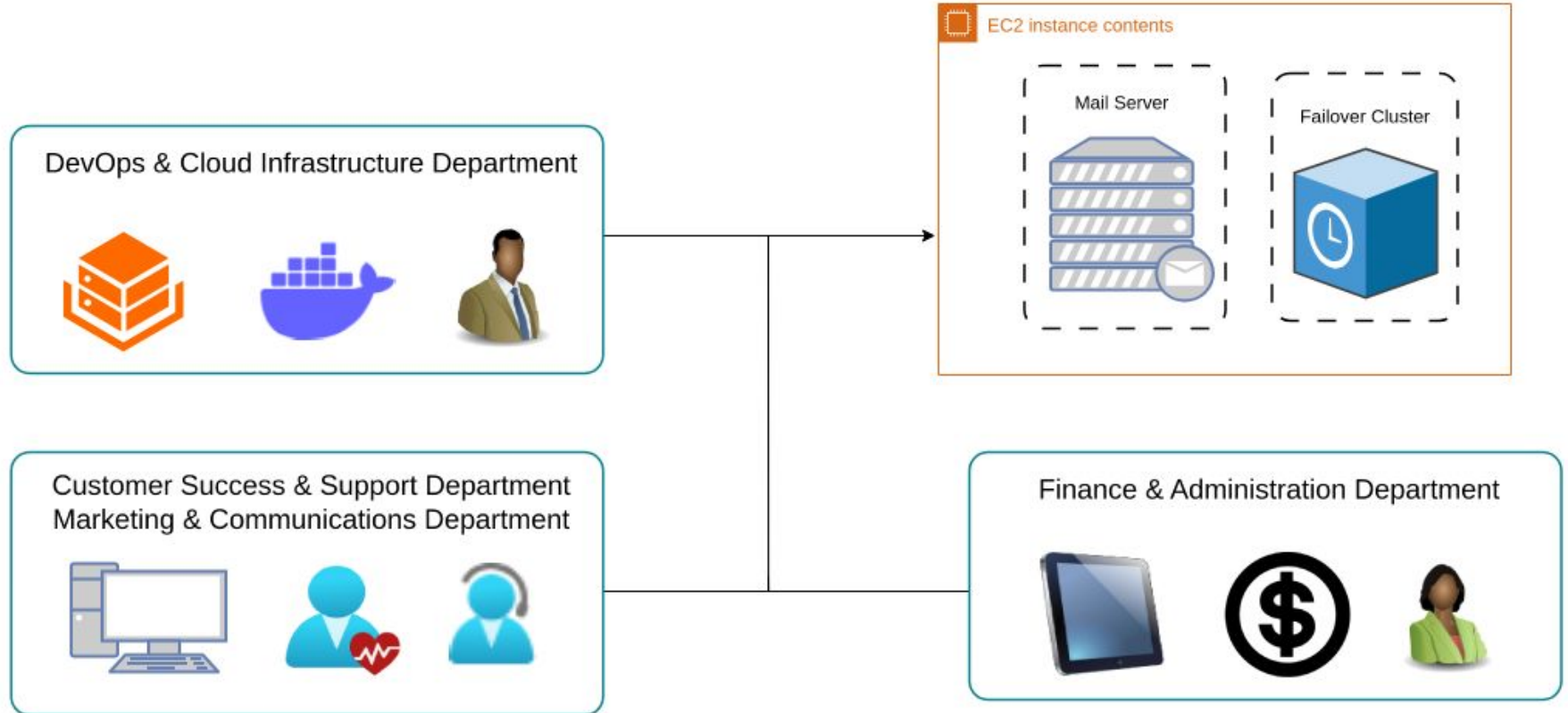
This diagram illustrates the infrastructure of Software Development, UI/UX Design, Business Development & Sales Department



This diagram illustrates the infrastructure of Human Resources, Project Management Office, Quality Assurance & Testing, Research & Development Department



This diagram illustrates the infrastructure of DevOps & Cloud Infrastructure, Customer Success & Support, Marketing & Communication, Finance & Administration Department





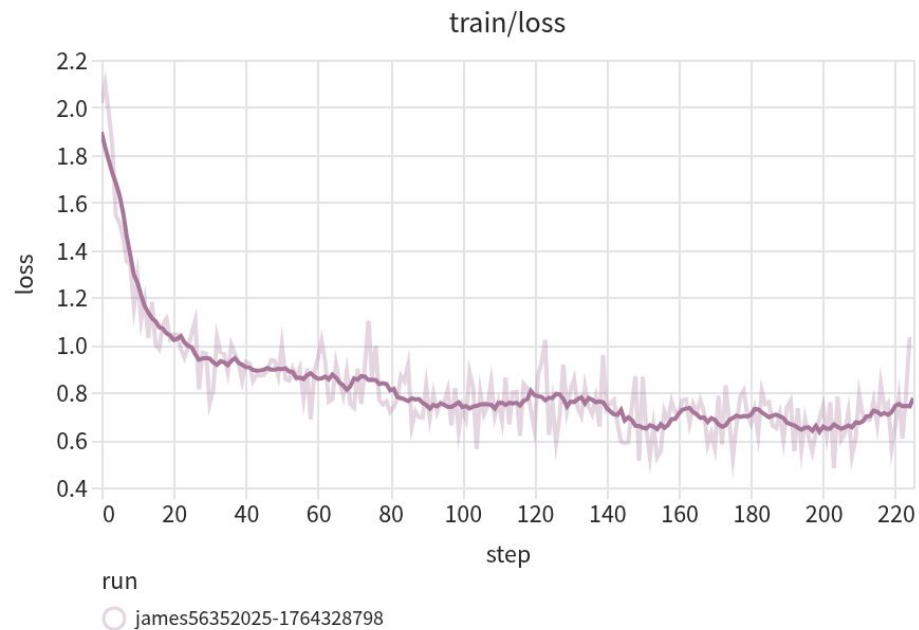
DevSpeedLLM 🤖 is a custom generative AI model created by fine-tuning the **Llama 3 Billion Parameter** foundation model. Trained on both **RUPP** and **DevSpeedLLM** datasets using dual **NVIDIA T4 GPUs** ⚡ on Google Cloud ☁️, it delivers enhanced accuracy, stronger reasoning, and better adaptation to real organizational needs.

Through this fine-tuning process, the model gains a deep understanding of our company's terminology, workflows, and data patterns — making it more reliable and context-aware than general-purpose AI systems 🔍.

As our business continues to grow 📈, we plan to further expand our investment in **Artificial Intelligence** 🤝 to build even smarter and more capable solutions for the future 🚀.



Training Overview



✓ Conclusion

DevSpeed Technologies Co., Ltd. has built a strong and modern IT foundation powered by **Windows Server 2022** 🖥️, enabling smooth, secure, and efficient operations across the entire organization. Its integrated server ecosystem ensures **high availability** ⚡, **strong security** 🔒, and **scalable performance** 📈, supporting both internal teams and client-facing services.

Every department plays a vital role 👥—driving innovation 💡, maintaining high-quality standards 🧪, and contributing to successful project delivery. Through advanced technology 🚀, skilled teamwork 🤝, and a commitment to continuous improvement 🔄, DevSpeed Technologies is well-positioned to deliver **cutting-edge digital solutions** and achieve **sustainable long-term growth** in an evolving digital world 🌐.

