

SOCIAL SUGGESTION PLATFORM

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Scan for more information

Background & Motivation

Netcompany cares about its employees by providing an online digital social platform that focuses on traveling and wellbeing after hard working hours. This platform allows colleagues to recommend interesting locations and share their thoughts through comments and ratings. Additionally, it supports the organization of various types of team events, ranging from simple lunch gatherings and team bonding activities to detailed company trips. Users are welcomed by a personalized home screen with tailored suggestions and the ability to visualize locations on an information dashboard with a mini map. Furthermore, detailed recommendations can be bookmarked into a personal itinerary, enabling users to plan for their future travels.



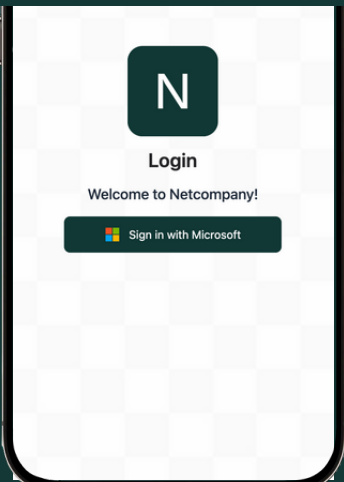
Objectives

- Elegant and cost-effective system for internal use.
- Balanced Stable Matching algorithm that align both user and venue preferences.
- Promotes peer-based knowledge sharing, facilitates cross-cultural integration, and enhances team cohesion.
- Straightforward system replication to multiple cloud regions in the context of multinational enterprises.

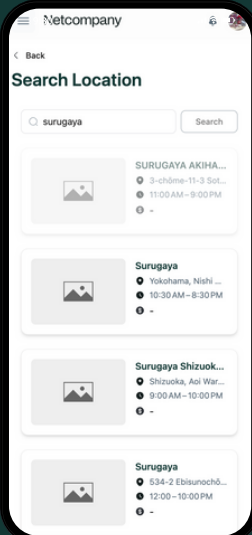
What Makes Us Different?

- Personalized suggestions and highlight nearby interesting locations
- Plan for a team event or a personal itinerary with locations are driven by Stable Matching.
- Detailed visitation schedule and optimized destinations for a route trip.

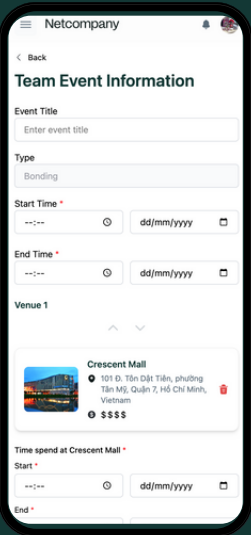
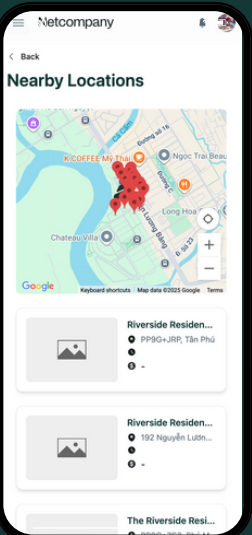
Features



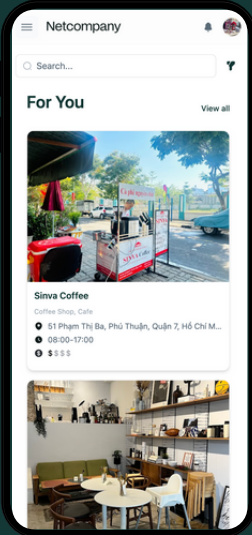
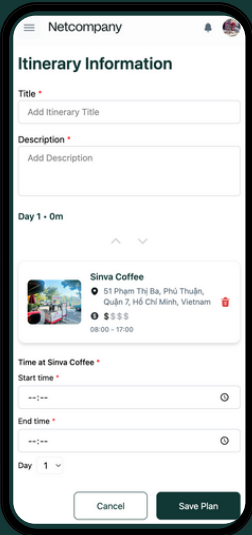
Seamless login via Netcompany Entra tenant



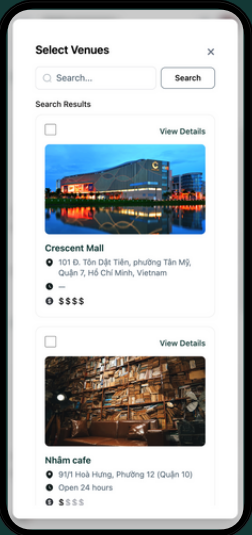
Register a recommendation manually or using GPS



Planning for a team event or a personal itinerary

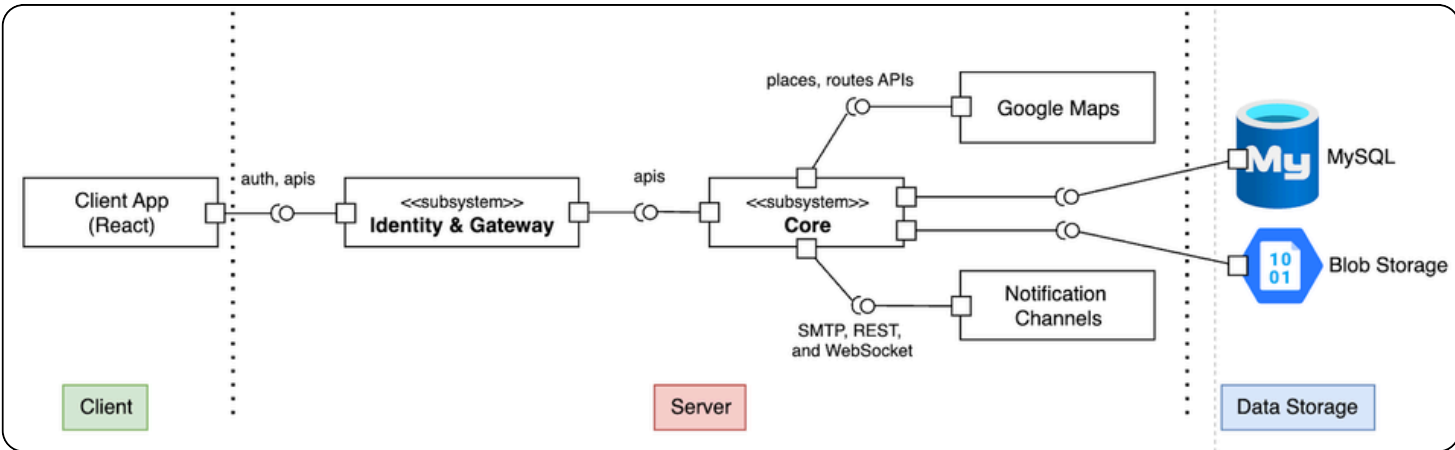


Stable Matching and Suggestion Engine



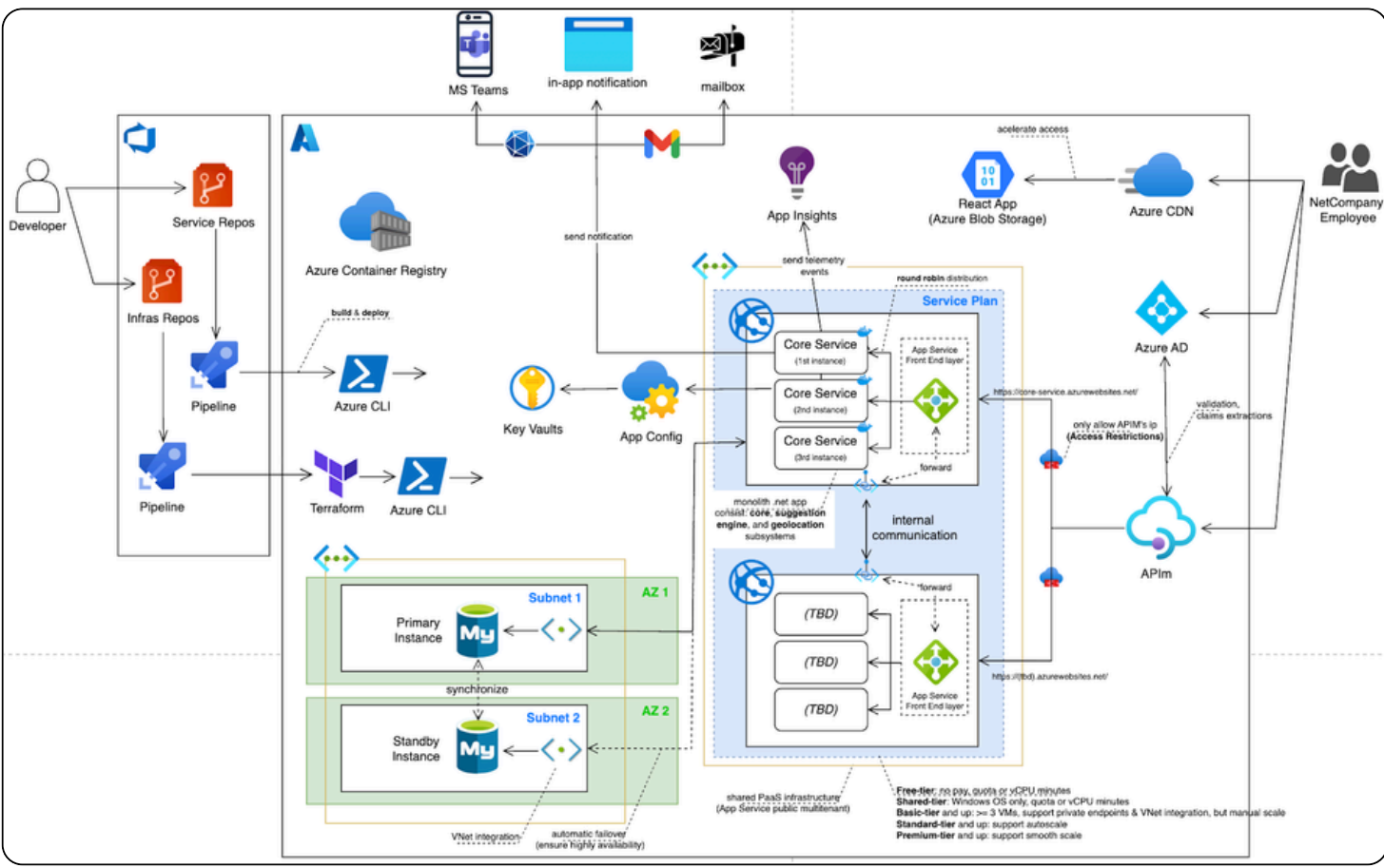
Architectures

Three-tier architecture with independent scalability



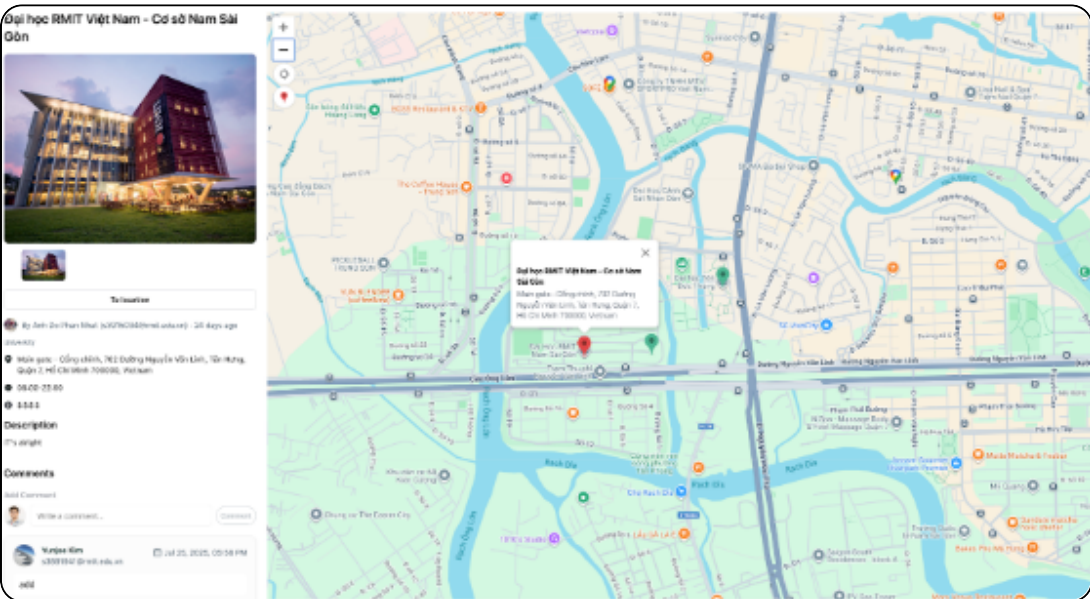
The Core subsystem can be scaled vertically (increase App Service compute) or horizontally (add more instances to Service Plan).

Azure Cloud Infrastructure & Deployment Pipeline



The MySQL database can be scaled vertically (increase storage) or horizontally (add read replicas).

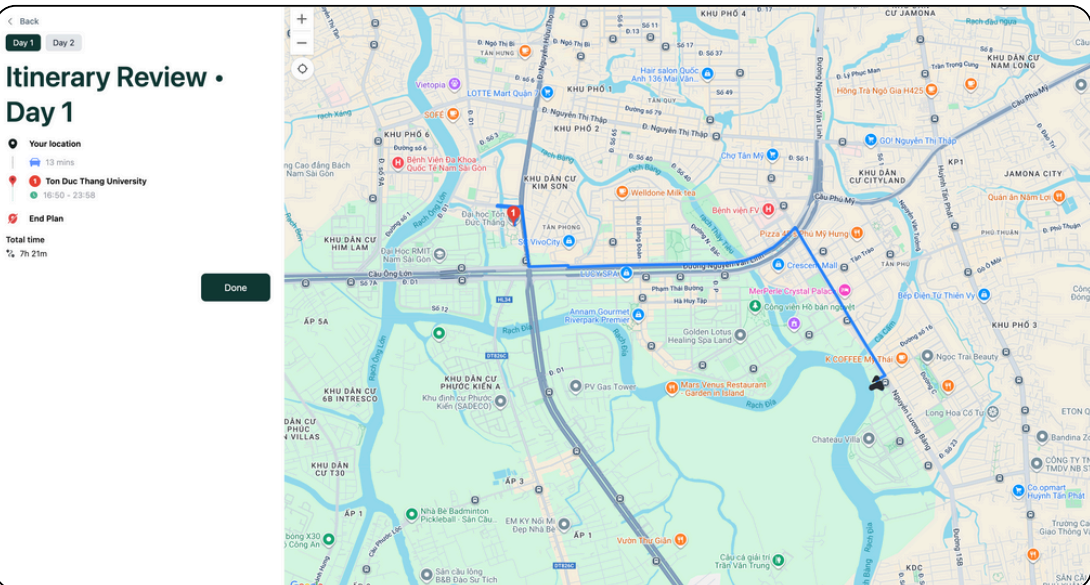
Product Experiences



Recommendation details



Team Event Map View



Itinerary Map View

Further Developments

Overseas Expansion

- Support multiple languages and customization for different countries and cultures.
- Deploy the system to all Azure regions near the Netcompany global offices.
- Improve the performance when employees travel to foreign offices.

AI Powered

- Extend Suggestion Engine with AI power.