# proposal: TravelEverywhere

team: GOAT
member: Xiaoran Li, Yuchuan Lin, Dandan Xu

**Project/Problem Overview:**

1. Eco-system name:
   TravelEverywhere
2. What's the system used for?
   a. The system is a travel project management system, which is used for managing the details involved in tourism projects, such as hotels and itineraries. Besides, for the customer, the system can give the most valuable tourism projects base on the preference of the customer.
3. Which issue it has solved?
   a. for the customers, this system has solved the pain for those who want to travel with new friends but cannot find partners and make the travel preparation easier and quicker.
   b. for each travel agency, this system gives them a platform to release new travel plans to gather customers and guiders to travel, which makes it much smoother and more efficient to sell their travel products and update them with the feedback of customers.
   c. this system gets travel products, services, tips, reviews and ordering functions altogether.

**Application Key Functionalities:**

4. How Is the system applicable or expandable at the global level
   a. Our system is expandable by extending the abstract class(like an organization). In this way, we can add more detail to the subclass.
   b. After adding subclass, we can create UI for the new subclass and the system can expand new features.
5. Show how multiple parties (or countries) can work together to solve the issue which you mean to solve
   a. agencies could register, and login to release new travel combos, set all the parameters of it, choose the transportation, hotel, etc. they decide how many organizations need to be added into a new combo.
   b. organizations except customers could register to be the provider for a travel combo or agency.
   c. customers could register, and login to buy travel combos or create a new proposal as a new combo, and other customers could vote for it, if its likes count reach a level, agency could create a new combo by it, price it , and set other parameters.
6. At least 2 enterprises and 5 organization
   a. Enterprises:
      i.   American Airline (Transportation company)

      ii.     Four Seasons (Hotel company)
- b. Organization:
    - i.     Transportation company
    - ii.    Hotel company
    - iii.   Customer
    - iv.   Guider
    - v.     Admin
    - vi.   Scenic spots

7. At least 2 work requests between enterprises and at least a total of 3 work requests in the whole system.
    - a. System Admin Role:
        - i.     Admin can create any kind of sub-organization
        - ii.    Admin can create a travel project base on current organizations.
        - iii.   Admin can view all projects and the voted combos.
    - b. Organization Role:
        - i.     Organizations can update their services
    - c. Customer Role:
        - i.     Customers can book travel project
        - ii.    Customers can create a new proposal as a combo
        - iii.   Customers can vote for a proposal combo created by another customer.