System Analysis and Design Milestone 4
project vision document

第五組

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Initial project vision:

Project Name
Travelet's

Stakeholders
- Travelers   - Travel Industry: hotels, tourist attractions, restaurants, rentals

Business Problems and Opportunities
Planning a trip takes a lot of time. Travelers usually research between a map and multiple social media, such as blogs or TripAdvisor. Furthermore, they have to take notes and organize a schedule, to make a better choice and combination of attractions, residence, transportation, etc. It is inconvenient to switch between many applications for redundant information, just to arrange a trip. Planning is even more complex when traveling with a group. Members may have different needs and preferences among the destinations or pay for different expenditures. Also, members that are not in charge of planning might have little understanding of the whole schedule. Therefore, there is a need for an integrated application to plan and join their trip together simply, no matter for individuals or a group of travelers.

System Capabilities and Key Deliverables
- This system allows users to plan their solo or group trips in an easier way. By setting up preferences and candidate destinations, the system will provide recommended routes and trip plans with communication time, average cost, suitable vehicles, etc. Users can easily revise the recommended schedule if needed. - This system provides an itinerary for all starting points to their destinations with a better user experience. When an attraction that will be closed during the trip was scheduled, the system also reminds users to replace it with

another. Also, when an accident or a sudden traffic jam occurs at the attraction, the system informs users to revise or postpone the schedule.
- For group trips, users in the same group can vote for candidate trip plans or destinations. Then, the plan with the highest votes can be simply added to the schedule before departure.
- This system creates a social platform for users to record their travel history and share their trip plans publicly. The system shows the shared plans to other users when they search for trips to corresponding districts.

Business Benefits and Definition of Success
- Tourist attractions, stores, and restaurants can increase exposure to travelers straightly.   - Users spend less time on searching for information and coordinating with other members to schedule trips.   - Travel enthusiasts share experiences with clean and consistent templates to interact with others, which helps utilize and inspire more trip arrangements, and make the tourism environment better.

Link to Figma:

https://www.figma.com/proto/nrOMU2CWBRplvVwsSATARu/Milestone-2?node-id=104%3A1167&scaling=scale-down&page-id=39%3A666&starting-point-node-id=299%3A5841