



FamilyTravel

What a beautiful day, let's go!

Innovation Buddy

Outline

- Member
- Problem & Scenario
- Solution & Demo
- Reference
- Conclusion

Member

Member

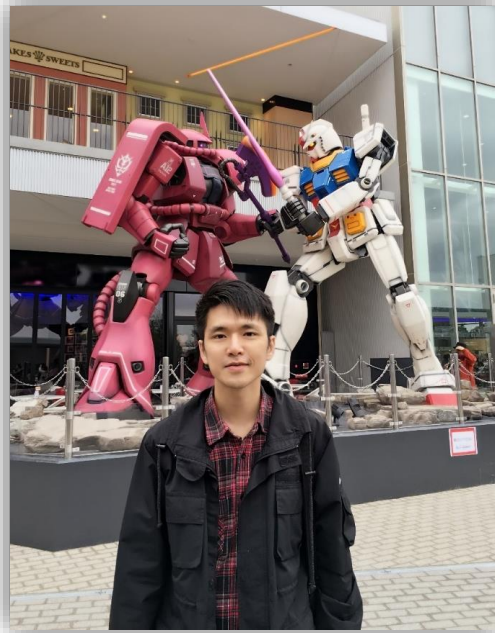
TingYao Chang

- Creative thinking
- Slide production
- technical support



MinChieh Tseng

- Creative thinking
- Planning & Analysis
- System implementation



PeiHsuan Lin

- Slide production



Problem & Scenario

Weather Application

- How to increase tourism value with weather open data?



Scenario

- Take your love out for fun!



temperature



humidity



ultraviolet

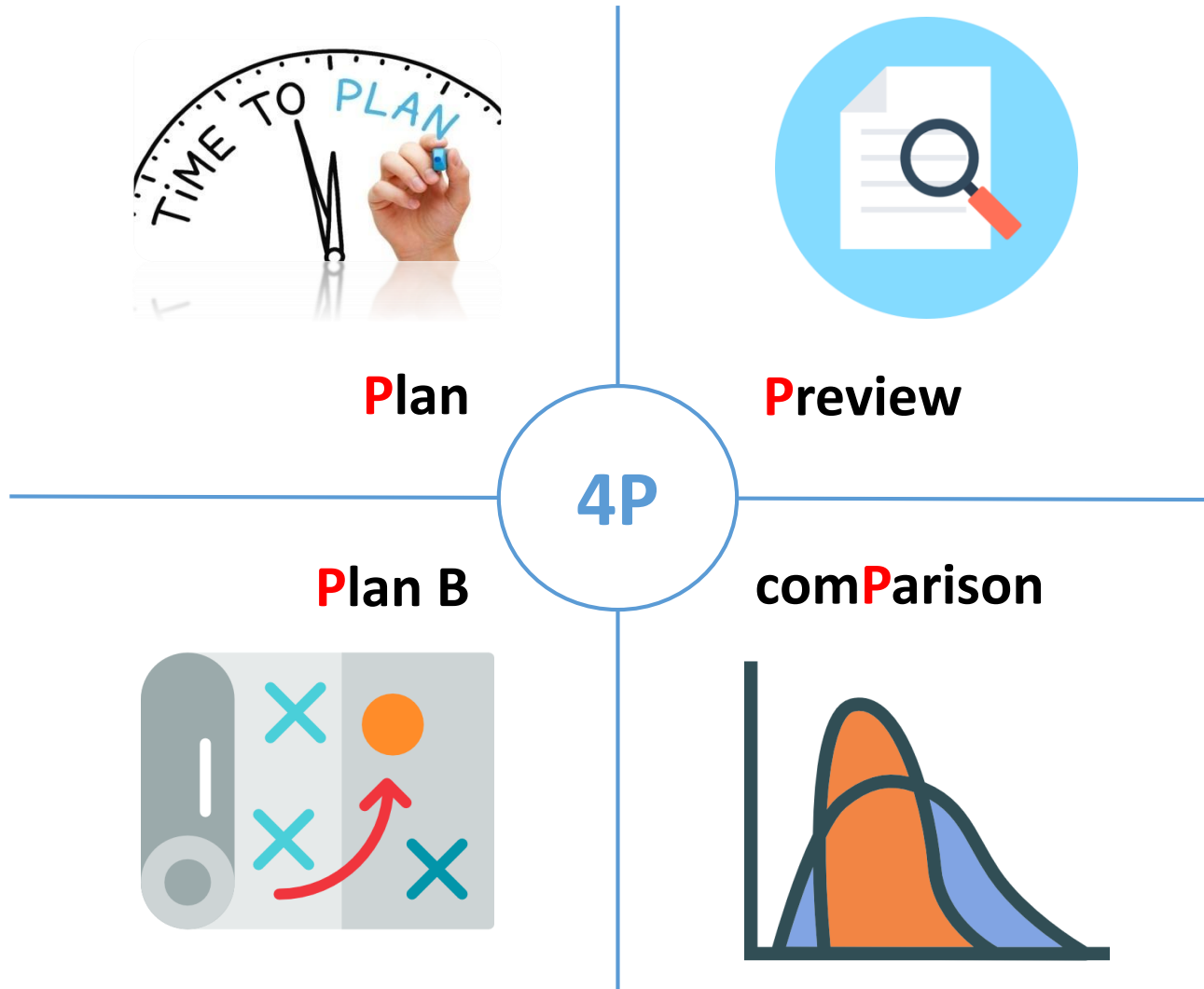


Tim



Solution & Demo

Solution & Demo



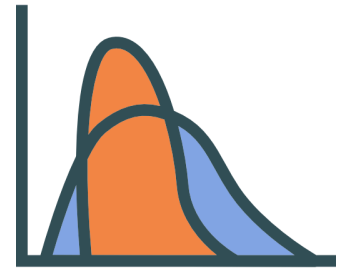
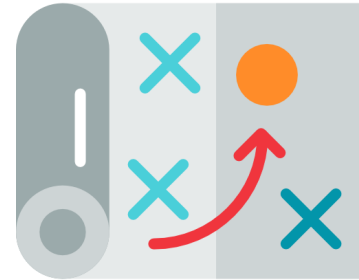
Feature

Plan

Preview

Plan B

Comparison



Offer the information includes weather and decide where to go

Preview tourist sights and paths

Similar sites based on original plan and weather

Compare plans in time, price, and weather, then get the best plan

Open API

Provide the information of weather and air quality for latitude and longitude

Reference

Open data source

- Government

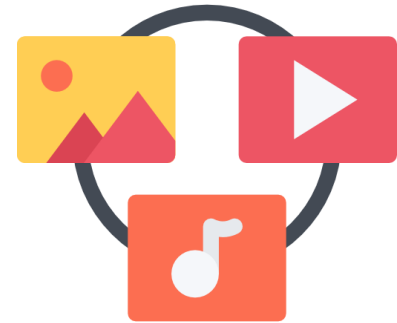
Institution	Name of dataset	Link of dataset
Tourism Bureau, M.O.T.C.	Attractions	http://data.gov.tw/node/7777
	Restaurant	http://data.gov.tw/node/7779
	Hotel and B&B	http://data.gov.tw/node/7780
Central Weather Bureau, M.O.T.C.	Township weather forecast	https://opendata.cwb.gov.tw/api/v1/rest/datastore/F-D0047-091
Environmental Protection Administration, Executive Yuan	Air Quality Index(AQI)	https://opendata.epa.gov.tw/webapi/api/rest/datastore/355000000I-000259?sort=SiteName&offset=0&limit=1000
Health Promotion Administration, M.O.H.W.	Nursery room	http://data.gov.tw/node/30622

- Google

Conclusion



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Have a wonderful trip!