Smart Trip Planning for Myanmar Region

Myat Thiri Khine and Myint Myint Sein

University of Computer Studies, Yangon

Myanmar

Introduction

- Travel reason
  - leisure, business, education, etc.
- Leisure travel is most popular.

Difficulties in Trip

- To select Tourism destination area (accommodation, visiting places, etc.)
- To know the current transportation information
- To plan the trip

- To search the place and route in unfamiliar region
- Missing the route

Tourism in Myanmar

Motivation

- Tourist faces the exorbitant hotel prices in some part of the country
- Lack up-to-date information
- Some guides in some region are not good at language and regional knowledge

- Still lack the efficient and effective trip planning application for Myanmar.
- Is necessary to develop Smart Trip planning for Myanmar to provide all the tourists to be a convenience trip.

It is intended to improve the service quality during the high season, attract more tourists in the low season and promoting economic growth.

Objectives

- To easily obtain the information of visiting area in Myanmar
- To easily arrange the trip plan within limited time and budget.
- To easily search the places and route during the trip
- To provide the missing route and places
- To easily access the location-based information anywhere and anytime

General Architecture

View travel information (famous region, attractive places, etc.)

- **Trip Duration**
- **Budget**
- **Interest places**
- **Lodging**

- **Trip plan**
- **Route**
- **Nearest places**

First Step of Smart Trip Planning

Ancient Bagan Region

Transportation

- No local public bus line
- Can hire bicycle, e-bike, horse carts, taxi (taxi -> expensive)
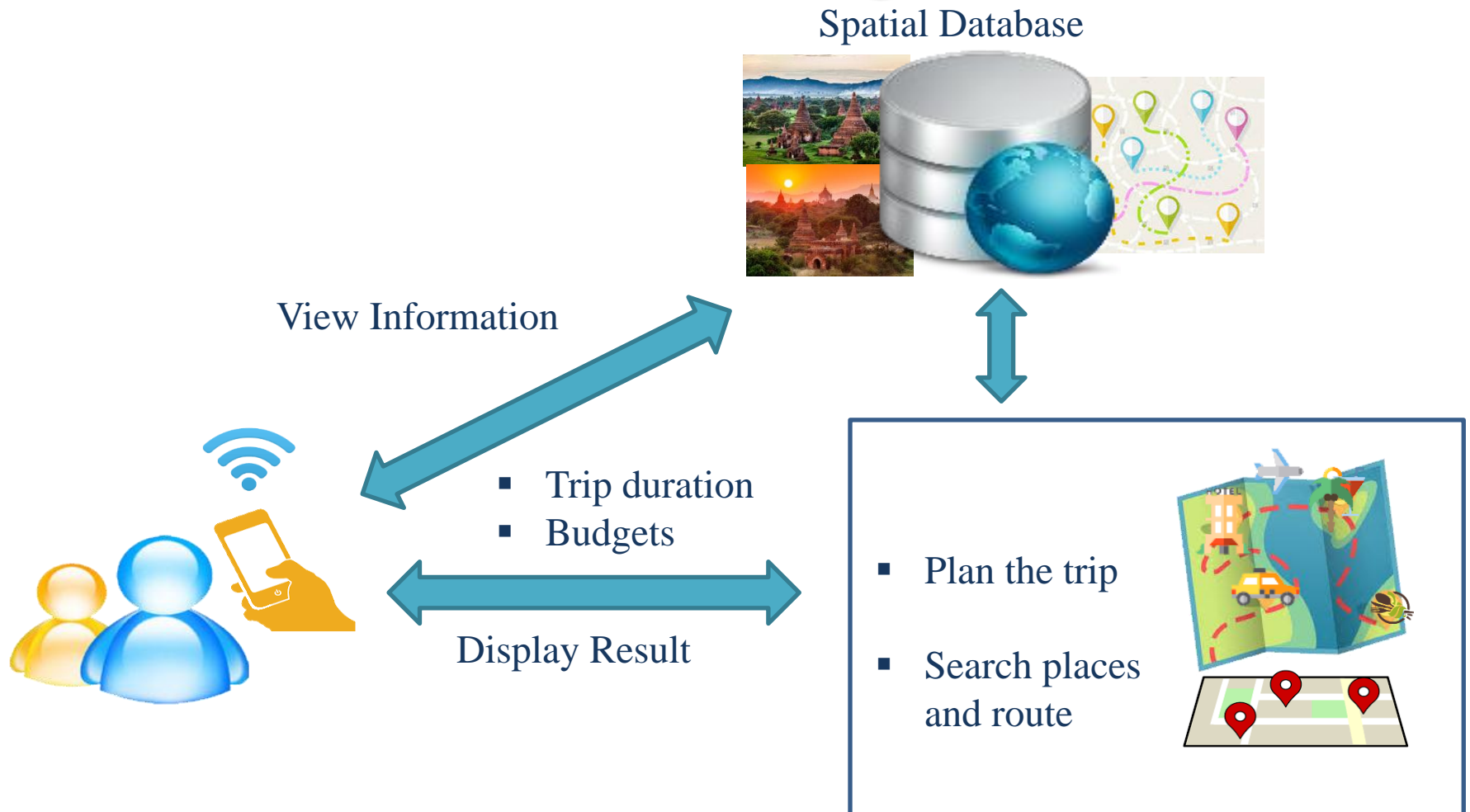
Problems

- Impossible to visit all the pagodas and study the culture heritages site within the limited period
- Difficult to find route (eg. Cause Overlapping Route)

Difficult to plan the trip during the limited time and budget because it has over thousands of pagodas

Objectives

- To easily search the point of interest and plan the trip for visiting Ancient Bagan region within their limited time and budget
- To obtain the suitable route for avoiding overlap route.

General Architecture of Bagan Trip Planning

Spatial Database

View Information

- Trip duration
- Budgets

Display Result

- Plan the trip

- Search places and route

Conclusion

- It will be continued to implement the remaining region in Myanmar although it is developing for Ancient Bagan Region .

- Smart trip planning for Myanmar region provide for all tourists and local people to easily plan the trip within the limited time and budgets.

- It is also intended to connect with other smart trip planning around the world.

THANK YOU
FOR YOUR ATTENTION