



Program Studi Teknik Geodesi dan Geomatika
Fakultas Ilmu dan Teknologi Kebumihan

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MODELING WEB-BASED GIS TOURISM COST PLANNING SYSTEM IN BANDUNG

Co- Authors:

Dr. Albertus Deliar ST, MT.

Dr. Riantini Virtriana ST, MT.

Dr. Akhmad Riqqi, ST, MT.

PRESENTED BY:
SUCI SITI AISAH ROBIANSAH

WHY TOUR PLANNING?

One of the important economic sectors in Indonesia is tourism. Tourism ranks third in terms of foreign exchange earnings in 2009.

Gives a positive outlook on everything and lowers depression levels (Psychosomatic Medicine, 2009)

Reduces heart attack risk by 29%

The risk of death was 17% lower

The impact of tourism activities on the economic side aside from being more impactful than other impacts (Wahab, 2007)

HOWEVER...

A survey conducted by one of Asia's hotel networks says 41% of the reason people are lazy to go on vacation because of the difficulty of planning a vacation

On the other hand not doing the planning can cause many losses





a system to help planning tours

WHICH INCLUDES THE FOLLOWING FACTORS:

The destination object

Transportation costs

Places to stay

Tickets and support costs



WEB GIS

Web GIS is a GIS application that utilizes internet network as communication medium which function to distribute, publish, integrate, communicate and provide information in text form, digital map and run analytical and query functions related to GIS through internet network (Prahasta, 2007).



AREA OF STUDY

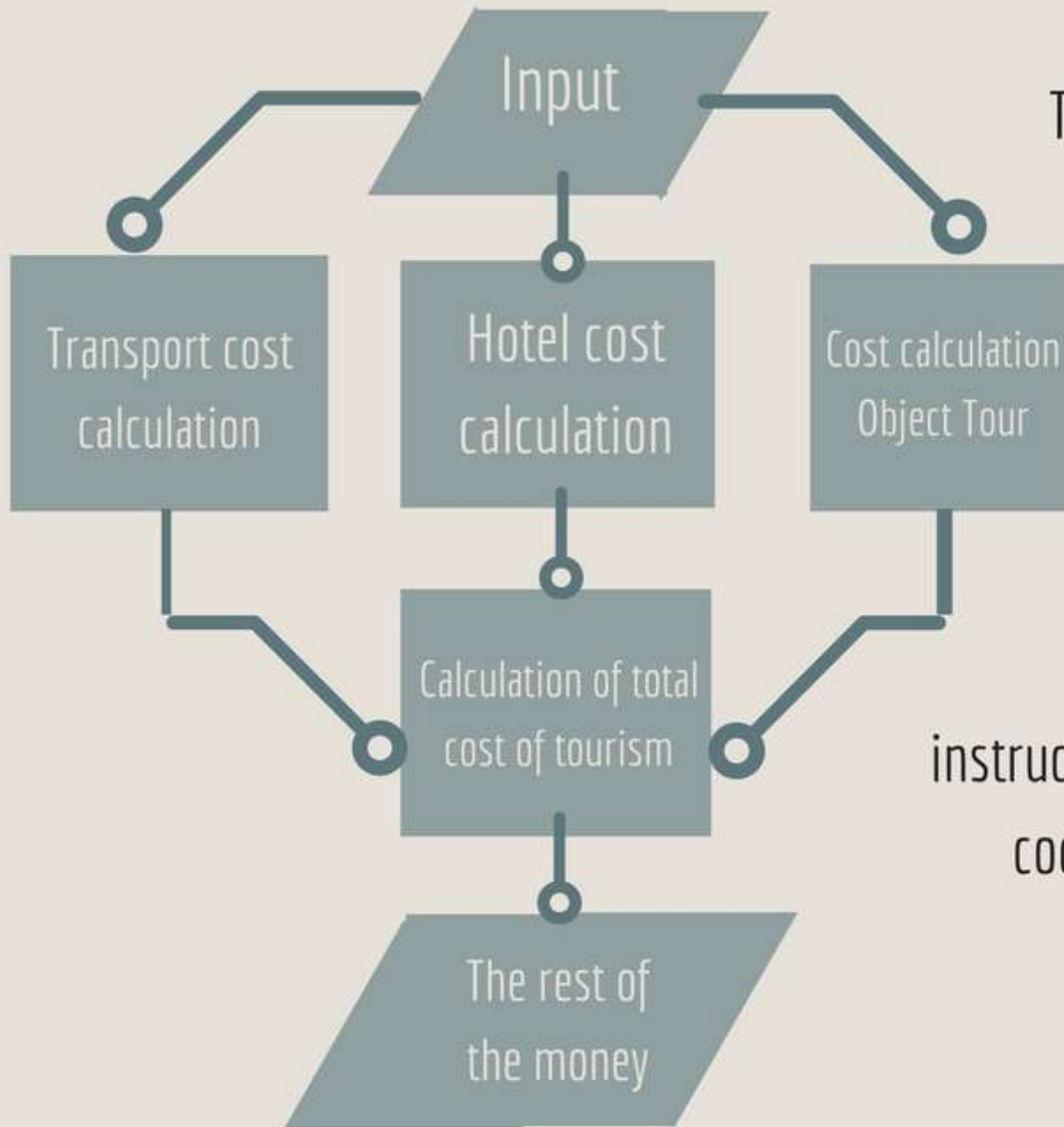


DATA PROCESSING

The process of implementing the development of Web-based tourism cost planning system GIS Bandung through several stages



ALGORITHMIC LOGIC



The algorithm logic is a way to solve the problem with a set of systematic and limited steps.

Logic algorithms can also be referred to as a collection of instructions commonly called source code created by programmers to create a program.

RESULT

Hotel	Room Type		Total Cost
Grand Preanger	Deluxe	Rp	1.150.000

Attraction	Ticket Cost		Transportation Cost
Museum Geologi	Rp 13.000	Rp	1.777
Kebun Binatang	Rp 60.000	Rp	2.098
Upside Down World	Rp 254.000	Rp	1.919
Farm House	Rp 80.000	Rp	6.924
Taman Begonia	Rp 35.000	Rp	7.703
Lodge Maribaya	Rp 85.000	Rp	9.277
Kampung Gajah	Rp 85.000	Rp	7.270
Total cost of tourist attractions	Rp 612.000	Rp	36.968

Rest of Your Money

Rp 201.032

04

CONCLUSIONS

Based on the results of the study, discussion, and manufacture of applications that have been done then obtained conclusion

1. A model of GIS Web-based tourism cost planning system has been developed as a way of conveying information on costing planning in travel according to the scenario.
2. The logic scenario of the algorithm being compiled is still limited in providing good cost calculations for travel with the factors used still allowing development for other scenarios

PLANNING IS BRINGING THE
FUTURE INTO THE PRESENT SO
THAT YOU CAN DO SOMETHING
ABOUT IT NOW.

/ALAN LAKEIN