

# Chapter II

## INTRODUCTION

### 2.1 Introduction

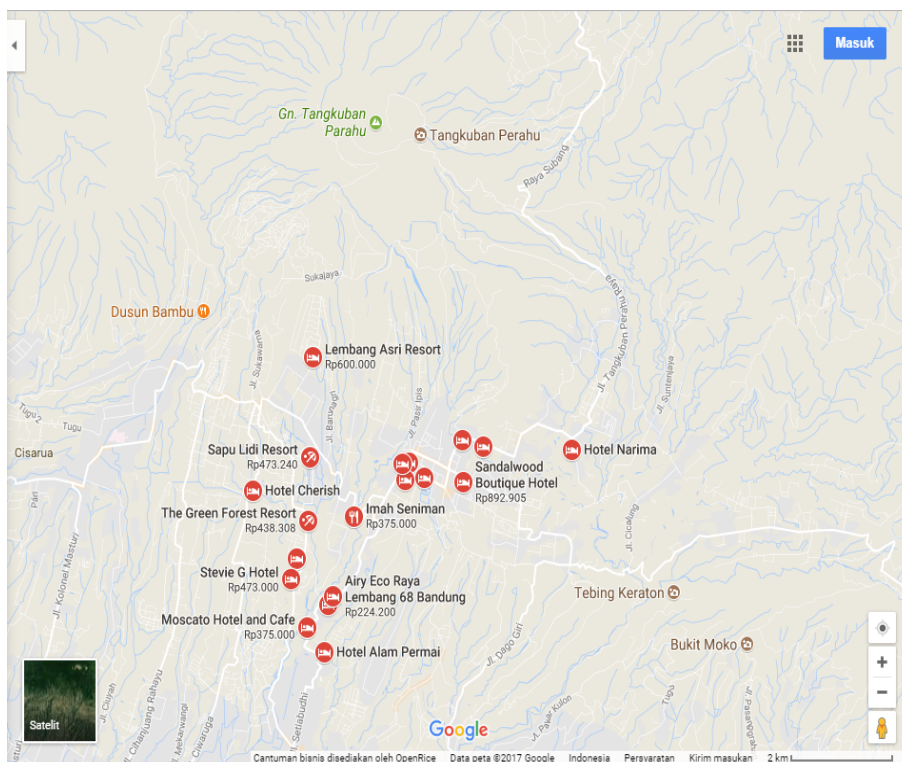


Figure 2.1: Hotel in Lembang

Today, there are so many people who make trips. The tourists are not only local peoples but also foreigners. They may stay for one night or for several nights at certain tourism destination. Especially in Bandung which has many tourism destinations, tourists who come from outside Bandung will seek for hotels to stay. However, the problem is there are a lot of hotels in Bandung which can make them have a hard time to choose the best place to stay that suit them the most.

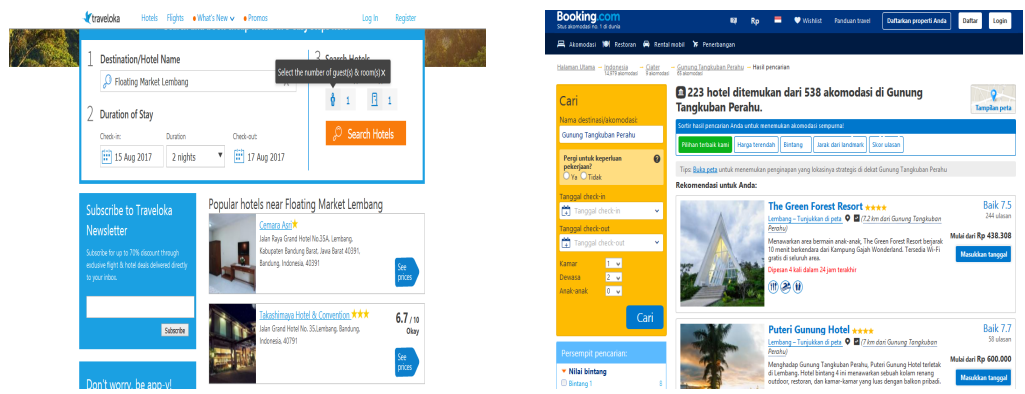
REKAPITULASI DATA KUNJUNGAN WISATAWAN  
YANG DATANG KE KOTA BANDUNG TAHUN 2010 – 2015

NO	KETERANGAN	2010	2011	2012	2013	2014	2015	SATUAN
I	Jumlah Kendaraan yang masuk via gerbang tol (pasteur, Pasirkoja, Kopo, M. Toha, Buah Batu)	28.686.824	30.533.812	32.587.386	33.731.385	35.002.815	32.174.348	Kendaraan
II	1. Jumlah Pengunjung Melalui gerbang Tol.	65.442.916	69.674.507	73.976.993	76.765.364	79.164.051	73.592.442	Orang
	2. Jumlah Pengunjung melalui Bandara, stasiun, terminal	7.990.407	6.388.447	6.524.071	7.073.615	7.038.837	7.603.193	Orang
	<b>Jumlah</b>	<b>73.433.323</b>	<b>76.062.954</b>	<b>80.501.064</b>	<b>83.838.979</b>	<b>86.202.888</b>	<b>81.195.635</b>	Orang
III	Wisatawan yang melalui pintu gerbang kedatangan							
	a. Wisman	228.449	225.585	176.855	176.432	180.143	183.932	Orang
	b. Wisnus	4.951.439	6.487.239	5.080.584	5.388.292	5.627.421	5.877.162	Orang
	<b>Jumlah</b>	<b>5.179.888</b>	<b>6.712.824</b>	<b>5.257.439</b>	<b>5.564.724</b>	<b>5.807.564</b>	<b>6.061.094</b>	Orang
IV	Wisatawan Menginap							
	a. Wisman	180.603	194.062	158.848	170.982	176.487	130.039	Orang
	b. Wisnus	3.024.666	3.882.010	3.354.857	3.726.447	4.242.294	3.874.453	Orang
	<b>Jumlah Tamu Menginap</b>	<b>3.205.269</b>	<b>4.076.072</b>	<b>3.513.705</b>	<b>3.897.429</b>	<b>4.418.781</b>	<b>4.004.492</b>	Orang
<b>Jumlah Tamu Tidak Menginap</b>	<b>1.974.619</b>	<b>2.636.752</b>	<b>1.743.734</b>	<b>1.667.295</b>	<b>1.388.783</b>	<b>2.056.602</b>	Orang	
<b>Rata-rata Lama Tinggal Wisatawan</b>							<b>2,25</b>	Hari

Catatan : Data Sudah Disahkan oleh BPS Kota Bandung  
Bandung, Februari 2015  
Kepala Dinas Kebudayaan dan Pariwisata  
ttd  
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Figure 2.2: tourist visits data year 2010-2015

The data from Bandung Tourism Office shows that there are so many tourists who stay in Bandung for their holidays. It can be a problem for them if they do not know where to stay in Bandung or if the choice is too many which make them hard to choose. Surely they do not want to be disappointed with their holidays because of their wrong decisions on staying in a hotel which is not up to their expectations.



(a) Data by traveloka.com (b) Data from booking.com

Figure 2.3: recommendations From Two from the famous site in the field hotel reservations

From the pictures above which was taken from reputable sites in the field of online hotel reservations, it can be seen that the suggested hotels are hotels around the destination. Apart from nearby hotels, there are also suggestions based on the price of the hotel. So it can be said that the best hotel is a hotel

that can meet the best element of distance and price.

It would be difficult to find the best hotel for a tourist because of the lack of information around the destination and because of choices given by some sites or application are too many. To solve that problem, computer science has methods which can handle it. That is by recommending based on certain parameters, which will produce the best recommendations. The minimum parameter to be able to generate recommendations is two parameters. To produce the best recommendation, this method combines the selected parameters. With this, the object that will be recommended will be compared. When they are compared, then the object will be checked whether the object will be dominated by another object. If the object is not dominated by other objects, then the object will be selected. The selected object is called the best object based on certain parameters.

The described method above is called Skyline queries in computer science. The author wanted to implement it to solve the problem which has been described before. The implementation would be done for the final task entitled "RECOMMENDATIONS OF THE NEAREST HOTEL WITH ATTRACTIONS USING QUERY SKYLINE".

## **2.2 Research Question**

This is the research question that the problem need :

1. How skyline giving good hotel recommendations ?
2. How result recommendation by system, Whether the recommendations are in line with the reality ?

## **2.3 Purpose of The Study**

Purpose held research, planing,and make system recommendation hotel for write Finale project is :

1. mplement algorithm to giving good recommendation hotel from destination holiday.
2. Help people to find good hotel from place holiday destination.

## **2.4 Limitation of Problem**

This research have some limitation of problem:

1. Data of hotel just sample in lembang, but not all hotel be select, just hotel have minimum 2 star..
2. Place of destination just sample in lembang, not all will select, just view destinations

3. This research just using two parameter, hotel price collect from website e-commerce, and the collect in weekend.
4. Price of hotel not real time, just using by the first collect.