INTERIOR DESIGN

Interior Design Mutiara Baru Hotel in Batu, With Green Tourism Concept

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[Images of light bulb, house, and water drop]
Preminilary

Interior Design Mutiara Baru Hotel in Batu, Apples Plantation Nuance With Green Tourism Concept
The development of the tourism sector

- Need lodging to take a rest awhile
  - Hotel
  - Villa
  - Etc.

- comfortable, relaxing, reliever of fatigue, have differences, learning something new

- Batu City

- Agro-tourism
  - Apple Plantation

- Green Tourism
  - Green Design
  - learn new things from the surrounding environment

- Interior Design Mutiara Baru Hotel in Batu With Green Tourism Concept
Problems:
How to create circulation and zoning efforts that support the convenience and effectiveness for visitors as well as hotel clerk?
How to order additional facilities at the hotel can satisfy the desires of visitors as well as provide new knowledge?
How did the interior design concept that will be used, can characterize the hotel?

Benefits:
Combines elements of interiors with a theme that is expected, resulting in expected interior design.
Create circulation and zoning that is convenient for visitors and employees of the hotel.
Addition of new facilities that can add knowledge visitor hotel.

Goal:
Combining elements of the interior with the theme, so as to produce an interior design as expected
Produce the interior design of the circulation and proper zoning and implemented in order to support the effectiveness and convenience of hotel guests
To promote and preserve the icon or characteristic stone town through hotel interior design
Literatur Studies

Interior Design Mutiara Baru Hotel in Batu, Apples Plantation Nuance With Green Tourism Concept
Classification Hotel
• This type of hotel guest arrivals by destination
  • A. Business Hotel
    Hotel is designed to accommodate guests who have business goals.
  • B. Pleasure Hotel
    Was the most amenities are intended to facilitate the aims guest recreation.
  • C. Country Hotel
    Is a special hotel for guests between countries.
  • D. Sport Hotel
    Hotel facilities are intended primarily to serve the guests that aims to exercise.

Business Hotels:
- These hotels are the largest group of hotel types and cater primarily to business travellers and usually located in downtown or business districts. Although Business hotels primarily serves business travellers, many tour groups, individual tourists and small conference groups find these hotels attractive. Guest amenities at business hotels may include complimentary newspapers, morning coffee, free local telephone calls, Break fast etc. In addition to this facilities like access to business centre, personal computer, Wi-Fi and fax machines also provided to the guest.
Based on Keputusan Menteri Perhubungan No. PM. 10/pw.301/pdb-7, the physical requirements of 3-stars hotel (***) in Indonesia are:

• Meet requirements from job planning / public works department and easily accessible to ensure the enjoyment, guests avoided of environmental pollution caused by noise, unpleasant odors, dust, and smoke.

• All or part of the building’s decoration reflect to Indonesian culture

• Number of rooms at least 30 rooms including 3 single rooms

• Public area at least consists of: lobby, lounge, dining room, and the total area is at least 2,7 m³ x total number of bedrooms

• Parking lot available with a capacity of 1 car for every 5 bedrooms

• There are separate entrances for guests and hotel supply goods

• Lobby lounge is available at least with 8 seats

• The front office is available separately: reception area, information area, the place of payment, luggage storage area

• The number of public toilets at least 3 for men and 2 for women.

With amenities such as: WC, Urinoir, face/hand-washing area with decorative glass, hand-dryer
Three Star Hotels Facilities Criteria

1. General
   Indonesian décor elements are reflected in the lobby, restaurant, bedrooms dan function room.

2. Bedroom
   There are 20 standard rooms with a minimum area of 22 m². There is a minimum of 2-room suites with a spacious 44 m². 2.6 m minimum height of rooms per floor.

3. Dining room
   If not co-exist with the lobby, it must be equipped with bathroom / WC sendiri.

4. Bar
   a. If a closed space it must be equipped with a temperature of 24 ° AC.
   b. Wide workspace bartender at least 1 m.

5. Functional space
   a. Minimum 1 piece contained a separate entrance from the lobby with a minimum capacity of 2.5 times the number of rooms.
   b. Equipped with a toilet when no one floor to the lobby.
   c. There is a pre-function room.

6. Lobby
   a. Have a minimum area of 30 m².
   b. Equipped with lounge.
   c. Public toilets minimum 1 piece with gear
   d. The minimum corridor width of 1.6 m.

7. Drug store
   a. Minimum contained drugstore, bank, money changer, travel agency.
   b. Airline agent, souvenir shop, offices, boutiques and salons.
   c. Available clinic.
   d. Available paramedics.

8. Recreation and sports
   a. Minimum 1 piece with a choice of tennis, bowling, golf, fitness, sauna, billiards, jogging, disco or children's playground.
   b. There is a separate adult pool with children's pool.

9. Utilities supporting
   a. There is a vertical mechanical transportation.
   b. The availability of clean water a minimum of 500 liters/person/day.
   c. Equipped with the installation of hot/cold.
   d. Equipped with local and long-distance telephone.
   e. Available PABX (Private Automatic Branch Exchange).
   f. Equipped central video / TV, radio, paging, car call.
### Tourism

**Tourist Characteristic of Tourism Hotel Guests:**

1. Travelling alone, with partner, or with family
2. Staying for 1-7 nights, or longer.
3. Aiming for recreation, relaxation, vacation and tourism travel in the nearest locations. With these characters, leisure hotel are required to provide comfort and relaxation ambiance. Facilities can be varied from, such as fitness facilities (spa, jogging track, tennis, swimming pool, etc.), and recreational facilities (restaurant, cafe, playground, etc.).

### Tourism Hotel

Tourism hotel, or Leisure hotel, typically defined as a hotel built in tourism spots that most of its facilities are aimed to facilitated guests which are tourists, that want to do recreation. As a supporting facility for this tourism spots, hotel is equipped with various facilities for leisure and relaxation both for outdoor or indoor activities.

### Tourism Attraction

1. A physical or cultural feature of a particular place that individual travellers or tourists perceive as capable of meeting one or more of their specific leisure-related needs. Such features may be ambient in nature (eg. climate, culture, vegetation or scenery), or they may be specific to a location, such as a theatre performance, doing bussines, a museum or a waterfall.
2. Positive or favorable attributes of an area for a given activity or set of activities as desired by a given customer or market, including climate, scenery, activities, culture.
The term Green Tourism is an adaptation of the definition and principles of ecotourism established by The International Ecotourism Society (TIES) in 1990. Where ecotourism has a sense, the trip (travel) responsible for natural areas with the aim of preserving the environment and improves the welfare of local people. In simple terms, Green Tourism is travel to a place where flora, fauna, and cultural heritage as a primary goal.

concept of Green Tourism has a goal to educate the traveler, provide funds for ecological conservation. Thus directly benefit the economic development and political empowerment of local communities, and encourage respect for different cultures and for human rights.

How sustainable tourism works for everyone:
• Benefits the environment by conserving resources
• Reduces waste
• Reduces costs through efficiencies and staff awareness
• Fulfils customers expectations of businesses to look after their environment
• Attracts new customers
• Offers business customers in particular green certified suppliers they are increasingly demanding
• Improves your public image
• Improves the customer experience
• Improves the quality of the service you provide
• Benefits the local community
• Supports the local economy
• Reduces congestion and pollution
• Enhances the natural environment

http://visitcairngorns.com/greentourism#sthash.hzA00bkR.dpuf
located at an elevation 680 -1200 meters above sea level, the topography of mountainous and hilly city makes an average air temperature of 15-19 degrees Celsius.

Batu also known as agropolitan, thus earning the nickname City Agropolitan. As well as Malang and surrounding areas, Batu produces many apples, vegetables, and garlic. Batu is also known as the city of artists. There are many painting studios and art galleries in the city. The latest Batu Night Spectacular, an amusement park with a few rides like a teenager at the World Fantasy Ancol Jakarta. Not less interesting than BNS / Batu Night Spectacular, there is also a Tourism student and family is the Museum of Wildlife. Museum of international standard and the Greek style in which the museum is a replica of Animals in the World that has not extinct and extinct here. We can also see replicas of ancient animal bones. At the Museum of Wildlife's also been a place of song making Video Clip The Virgin with the song Soulmate. Various means a lot of outdoor activities available, the most complete is located in Beji outbound Beji.
Hotels built since 2000 is very aware of the potential of tourism in Batu very big plus with only a few hotels that seldom have a vision that is not so common with the vision of which is owned by The Hotel Mutia Baru, the hotel that has the primary purpose as a business hotel as main support, then on the basis that motivated the establishment of the Hotel Mutia Baru. With have a few facility like:
- 3 different types of rooms, meeting rooms, restaurant, playground, and many more
Circulation
- Circulation that occurs in areas not well-organized lobby.
- There is some activity among visitors and employees did not walk quite comfortably

Design and Utility
- The interior design is still not characterized in each of the areas the hotel.
- Lighting of each room is well defined, as well as air systems that maximize hotel in the area of green land hotel openings.

Facilities
- Facilities provided yet fulfill the desire of visitors hotels
Conclusion

- Comparators has a design that is unique among Hotel itself, but the interior design is still quite common.
- Facilities are provided to make visitors feel comfortable, though not so complete.
- Have different facilities, so as to give the impression that the hotel is typical in comparison.
- Circulation and air, neat lighting.
Design Method

PROBLEM IDENTIFICATION

BACKGROUND

PROBLEM LIMITATION

PROBLEM FORMULATION

DATA COLLECTION

OBSERVATION

INTERVIEW

QUESTIONNAIRE

LITERATURE STUDY

DATA ANALYSIS

DESIGN CONCEPT

DESIGN ALTERNATIVE

EVALUATION

DEVELOPMENT

EVALUATION

Final Design

From staff and visitor
- Owner
- Visitor
- Staff

- About konsep
- Apple plantation
<table>
<thead>
<tr>
<th>User Study</th>
<th>Business men</th>
<th>Family</th>
<th>Student</th>
<th>teacher</th>
</tr>
</thead>
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<td>Doing meeting and gathering</td>
<td>• Doing meeting and gathering • Refreshing</td>
<td>• Vacation • Refreshing</td>
<td>• Study outdoor • Vacation • Refreshing</td>
<td>• Meeting • Training</td>
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13 User Study
<table>
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<tr>
<th>No</th>
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<th>Value</th>
<th>Activities</th>
<th>Facilities</th>
<th>Unit</th>
<th>Dimension</th>
<th>Space Needed</th>
<th>Circulation</th>
<th>Space Room</th>
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<tbody>
<tr>
<td>1</td>
<td>Receptionist</td>
<td>1</td>
<td>• Information&lt;br&gt;• Receiving visitors and serving&lt;br&gt;• Administration and registration of visitor arrivals</td>
<td>• Receptionist table&lt;br&gt;• Chair</td>
<td>1</td>
<td>360 x 80</td>
<td>3.28</td>
<td>1 : 3</td>
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<td>• Waiting for information&lt;br&gt;• Reading newspaper/book/magazine&lt;br&gt;• Talk (discussion)</td>
<td>• Chair/Sofa&lt;br&gt;• Table&lt;br&gt;• Shelves</td>
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<td>66 x 65</td>
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<td>Circulation</td>
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<td>• Table&lt;br&gt;• Chair&lt;br&gt;• Bench</td>
<td>14</td>
<td>124 x 71 (8)&lt;br&gt;71 x 70 (6)&lt;br&gt;45 x 45</td>
<td>23.9</td>
<td>1 : 3</td>
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<td>Standard</td>
<td>28</td>
<td>• Take a sleep</td>
<td>• Double bed</td>
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<td>7.13</td>
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<td>28.52 m²</td>
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<td>• TV cabinet</td>
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<td>220 x 50</td>
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<td></td>
<td></td>
<td></td>
<td>• Reading a book</td>
<td>• Chair</td>
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<td>• Change cloth</td>
<td>• Wardrobe</td>
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<td>• Sink</td>
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<td></td>
<td>• Toilet</td>
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<td>40 x 45</td>
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<td>• TV cabinet</td>
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<td>• Change cloth</td>
<td>• Chair</td>
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<td></td>
<td></td>
<td></td>
<td>• Take a bath</td>
<td>• Table</td>
<td>1</td>
<td>60 x 50</td>
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<td></td>
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<td>• Bathub</td>
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### Guest Room

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<th>Facilities</th>
<th>Unit</th>
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<th>Space Needed</th>
<th>Circulation</th>
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<tr>
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<td>Family</td>
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<td>200 x 200</td>
<td>13,3</td>
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<tr>
<td></td>
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<td>• Watching TV</td>
<td>• TV cabinet</td>
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<td>420 x 50</td>
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<td>• Reading a book</td>
<td>• Chair</td>
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<td>• Change cloth</td>
<td>• Table</td>
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<td></td>
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<td>• Bathub</td>
<td>1</td>
<td>200 x 80</td>
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<td>• Toilet</td>
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</tbody>
</table>
in the interests of comfort is very important to consider, especially in anthropometry and ergonomy, and therefore exact calculation is very important as in the case of the distance between the benches and tables that can be applied in the lounge area and part restaurant

Anthropometry and ergonomi study

Range between table and chair: 76 – 91 cm
Hight coffe table : 30 – 40 cm
Hight sofa (from sole to knee) : 35 - 43 cm

Hight table : 73 – 76 cm
Hight chair (from sole to knee) : 40 - 43 cm
Anthropometry and ergonomics study

Part of one other important area is the area of guest room, it is important to pay attention to the distance and size comfortable to live.
Receptionist
Waiting Room
Owner Room
Staff Room
Meeting Room
Souvenir Room
Bar
Restaurant
Toilet
Standard R.
Executive R.
Family R.
Concept

Interior Design Mutiara Baru Hotel in Batu, Apples Plantation Nuance With Green Tourism Concept
Material
- Materials are used to stimulate the creation of a feeling (mood) is positive so as to provide maximum comfort. Effectiveness; materials used are durable and long lasting for easy maintenance and low maintenance costs (low maintainance). Conceptual; material that is used to adjust the concept used.

Colour
- The combination of natural colour and modern, it is expected that the use of colour in the atmosphere in the room remains cool and modern.

Lighting
- Lighting is an important aspect in the design, because the lighting can be created through the atmosphere and ambience of a room. Lighting can also be an important factor in making a building energy efficient and environmentally friendly, by maximizing natural lighting and minimize artificial lighting is not very necessary.

Furniture
- In this mostly using custom furniture with a shape that is drawn from the modern concept of due to having a minimalist form and looks neat, except that there are some furniture that is formed from the transformation of the apple.

Layout and Sirkulation
- To make a visitor feel easily to know about room eachorder
• More wall using cement finishing smooth and is colored red and green, the colors are taken from the skin of apples, other than that there are few walls using white, gray and crem.

• In some areas of the hotel walls in the given element aesthetic transformation from a tree branch or from the formation of the apple tree and also there is some give in the vertical garden.
• Use more cream colored tile floors and white, so it can make far-reaching effects on the room, but that with the color cream is expected to lead to the natural feel. In wet areas use floor with texture little rough, thereby reducing risk falls.

• Colour concept, in this segment using color natural and original colour from apple fruit can make rooms feel calm, energetic, and fresh.

• With material like rough texture floor, parkuet, and use carpet. Rooms can feel warm and clear.
• Even use material rough textur for some area, like bathroom and pool, it can make reducing risk to fall.
More use of gypsum material, is intended to present the impression of a more modern

Furniture

- Furniture made of steel and wood materials, notching more modern take on the formation and some were in the form of the transformation of the tree until the apples themselves.
- The colors take more brown, red, crem, and green, because it can be
**Lighting**

- **Bar and resto:**
  - Cozy
  - Relaxing
    - Accent lightning (yellow)
    - Indirect lighting (white)

- **Lobby and Guest Room:**
  - Natural
  - Warm
  - Refreshing
    - Natural Daylight
    - Accent lightning (yellow)
    - Indirect lighting (W/Y)
    - General lighting (W/Y)

- **Meeting Room:**
  - Natural
  - Clearness
  - Function
    - Natural Daylight
    - General lighting (W/Y)
The air system in the entire hotel room using an open air system is due to the altitude and temperature of the city itself has been called cold, which when described elevation 680 -1200 meters above sea level and water temperature of 15-19 degrees Celsius.
after consideration of the generated layout and circulation can be separated between spaces, which in turn can be seen more easily. memisahkan between zooning / space, and circulation can also occur between the circulation integral with both visitors and employees.
reprocessing waste from apples to be something that is useful and can make something new to be in the know, of course also be used as a souvenir, but it also can make the icon of the city stronger and more distinctive again.
### Weighted Method

<table>
<thead>
<tr>
<th>Kriteria</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Hasil</th>
<th>Rank</th>
<th>Mark</th>
<th>Bobot Relatif</th>
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</thead>
<tbody>
<tr>
<td>A. Circulation</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>I</td>
<td>9</td>
<td>0,3</td>
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<tr>
<td>B. The layout of with the concept</td>
<td>0</td>
<td>-</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>IV</td>
<td>6</td>
<td>0,2</td>
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<tr>
<td>C. Land specific needs space</td>
<td>1</td>
<td>0</td>
<td>-</td>
<td>1</td>
<td>2</td>
<td>II</td>
<td>8</td>
<td>0,3</td>
</tr>
<tr>
<td>D. Zoning</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>-</td>
<td>2</td>
<td>III</td>
<td>7</td>
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<td><strong>Total</strong></td>
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**OBJECTIVE**

<table>
<thead>
<tr>
<th>W</th>
<th>PARAMETER</th>
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<tbody>
<tr>
<td>0,3</td>
<td>The circulation of visitors and employees comfortable</td>
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<tr>
<td>0,2</td>
<td>The layout has been able to bring the characters of the modern and natural</td>
</tr>
<tr>
<td>0,3</td>
<td>Extents have been adapted to the needs of each location</td>
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<td>0,2</td>
<td>Zoning has been well organized and not confuse visitors</td>
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**VALUE = SCORE x WEIGHT , VERY GOOD (VG) = 8-10, GOOD (G) = 5-7, POOR (P) = 0-4**