



# kuliah #4 analisis peruangan

## 1. siapa (who) & apa (what) ?

a. Pengguna ruang

b. Aktifitas yang dilakukan

- Privat
  - Semi Publik
  - Publik
- 
- Bersama
  - Individu

## 2. Kapan (when) ?

Waktu yang dibutuhkan pengguna ruang.

- a. Saat proses kegiatan dilaksanakan
- b. Durasi kegiatan dilakukan

## 3. Bagaimana (how) ?

Menjelaskan proses kegiatan pada masing-masing tahapan kegiatan untuk mengetahui sifat dan karakter kegiatan.

contoh :

- Proses pasien datang – parkir – mendaftar – menunggu – konsultasi dokter – diperiksa – pulang
- Proses mengambil bahan makanan dari lemari pendingin – menyiapkan alat masak – meracik bahan – memasak – mencuci peralatan masak – menyimpan peralatan

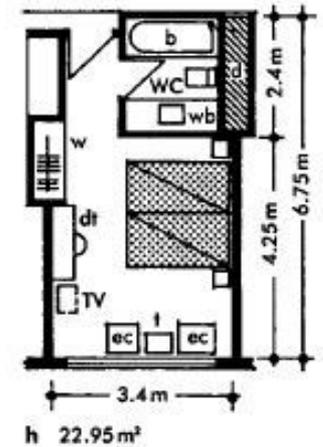
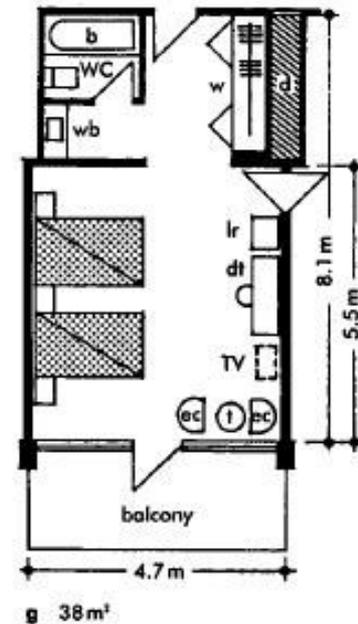
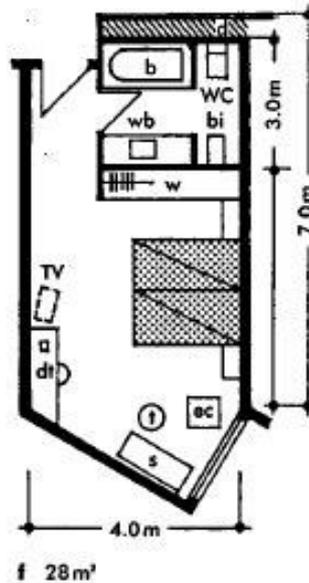
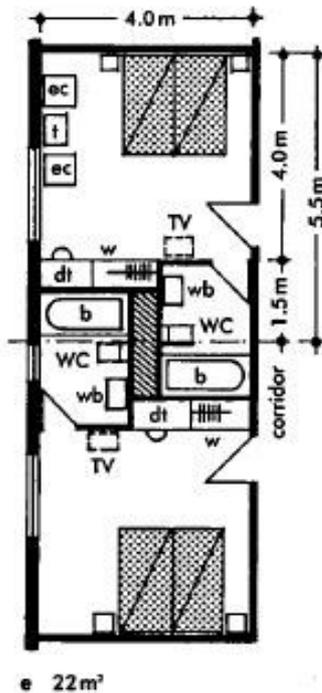
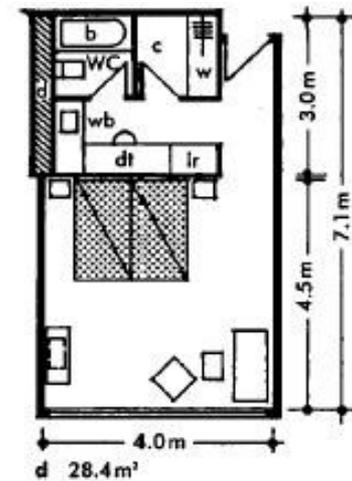
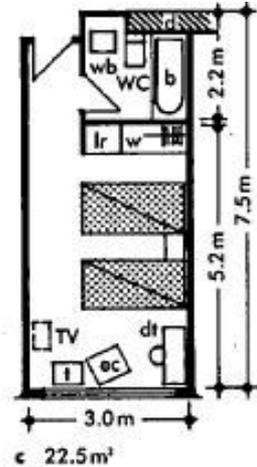
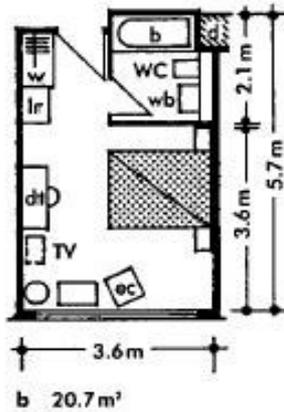
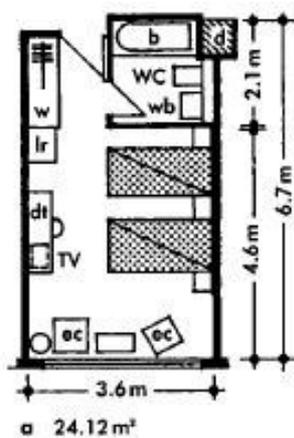
# kebutuhan ruang

**Study Pengguna & Aktivitas** akan membantu proses tahap selanjutnya :  
menyusun **Kebutuhan Ruang**

No.	Pengguna Ruang	Profesi / Kegiatan	Aktivitas	Kebutuhan Ruang
1.	Ayah	Dokter Gigi	- Menerima tamu	Ruang Tamu
			- Menerima pasien	Ruang Praktek
			- Berkumpul dengan keluarga	Ruang keluarga
			- dll	

# besaran ruang

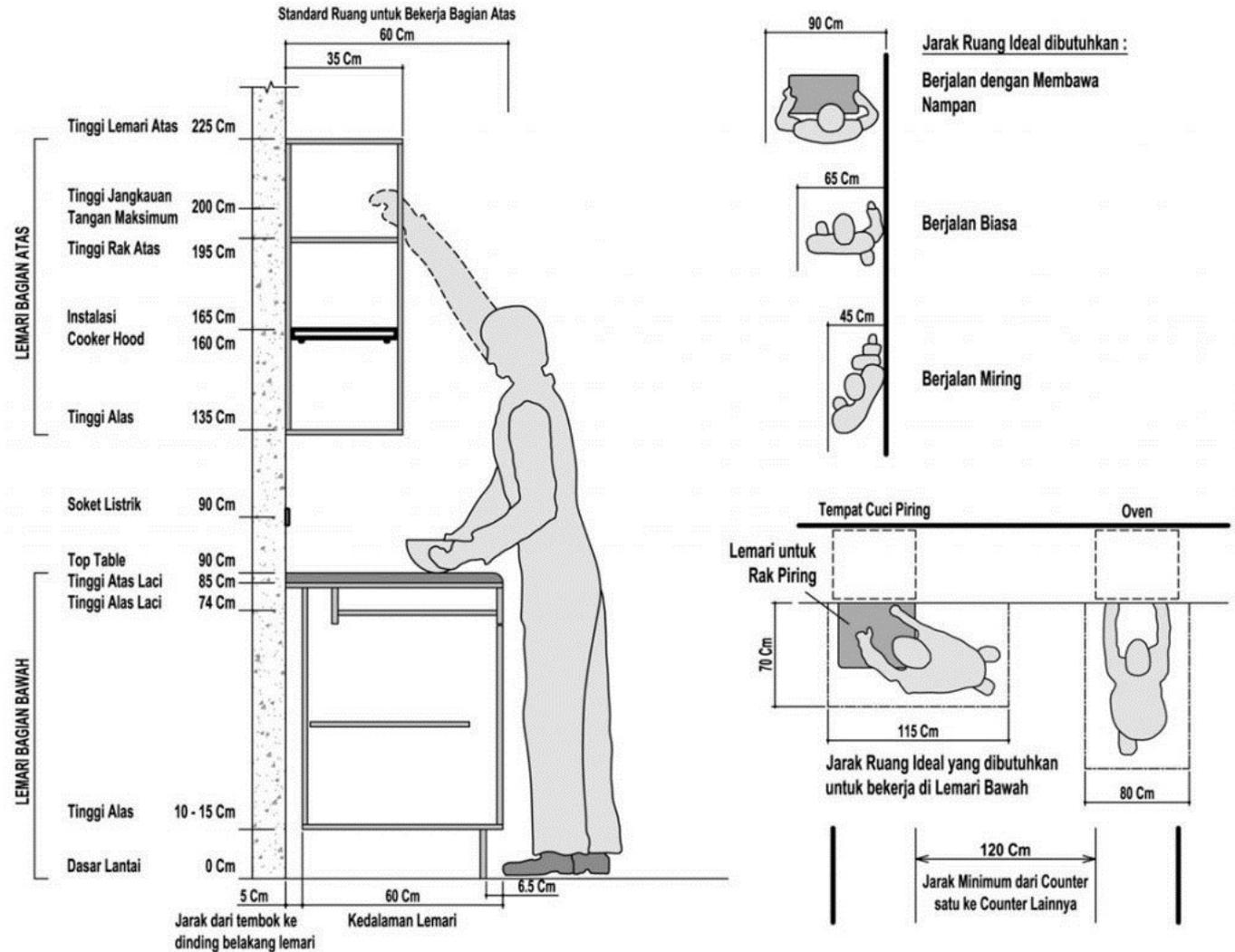
## 1. Buku Standart Arsitek



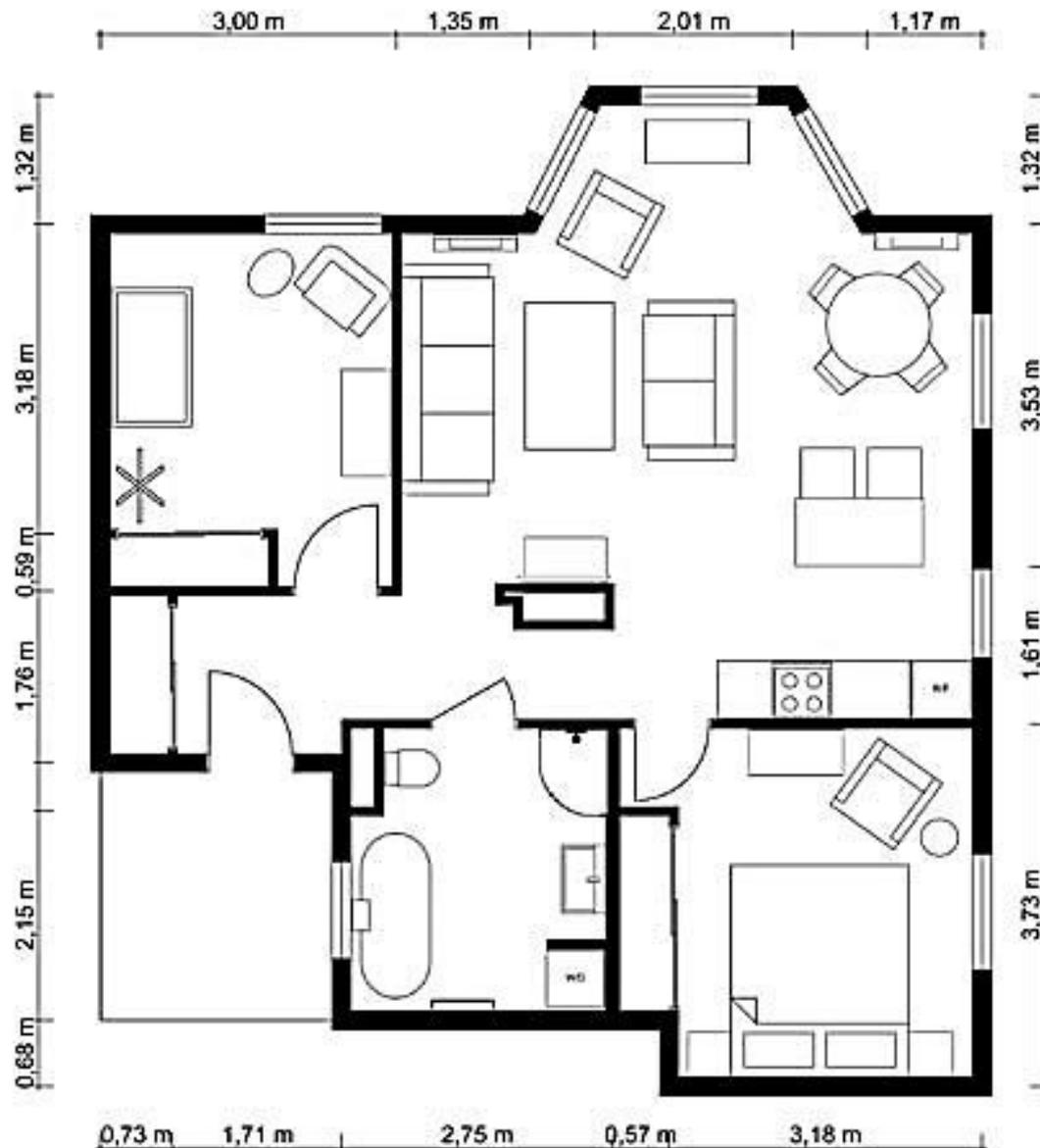
- |                   |                 |
|-------------------|-----------------|
| b bath            | lr luggage rack |
| bi bidet          | s sofa          |
| c closet          | t table         |
| d duct            | w wardrobe      |
| dt dressing table | wb washbasin    |
| ec easy chair     |                 |

# besaran ruang

## 2. Studi Besaran Ruang



# besaran ruang



# besaran ruang

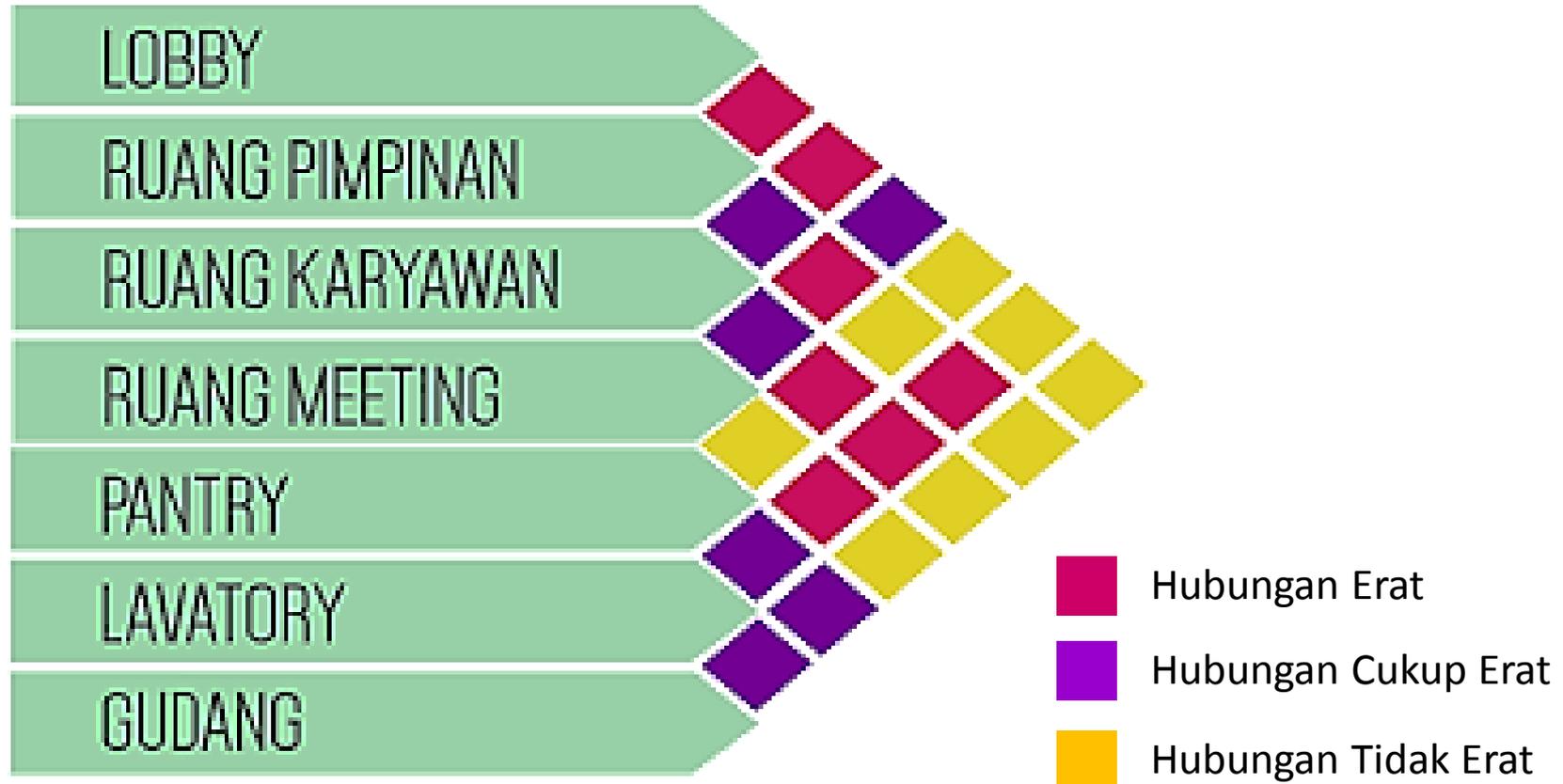
Tabel 2. Besaran Ruang

No.	Kelompok Ruang	Kebutuhan Ruang	Besaran Ruang
1.	Publik	Ruang Tamu	25 m <sup>2</sup>
2.	Publik	Ruang Praktek	40 m <sup>2</sup>
3.	Semi Publik	Ruang keluarga	35 m <sup>2</sup>
		dll	

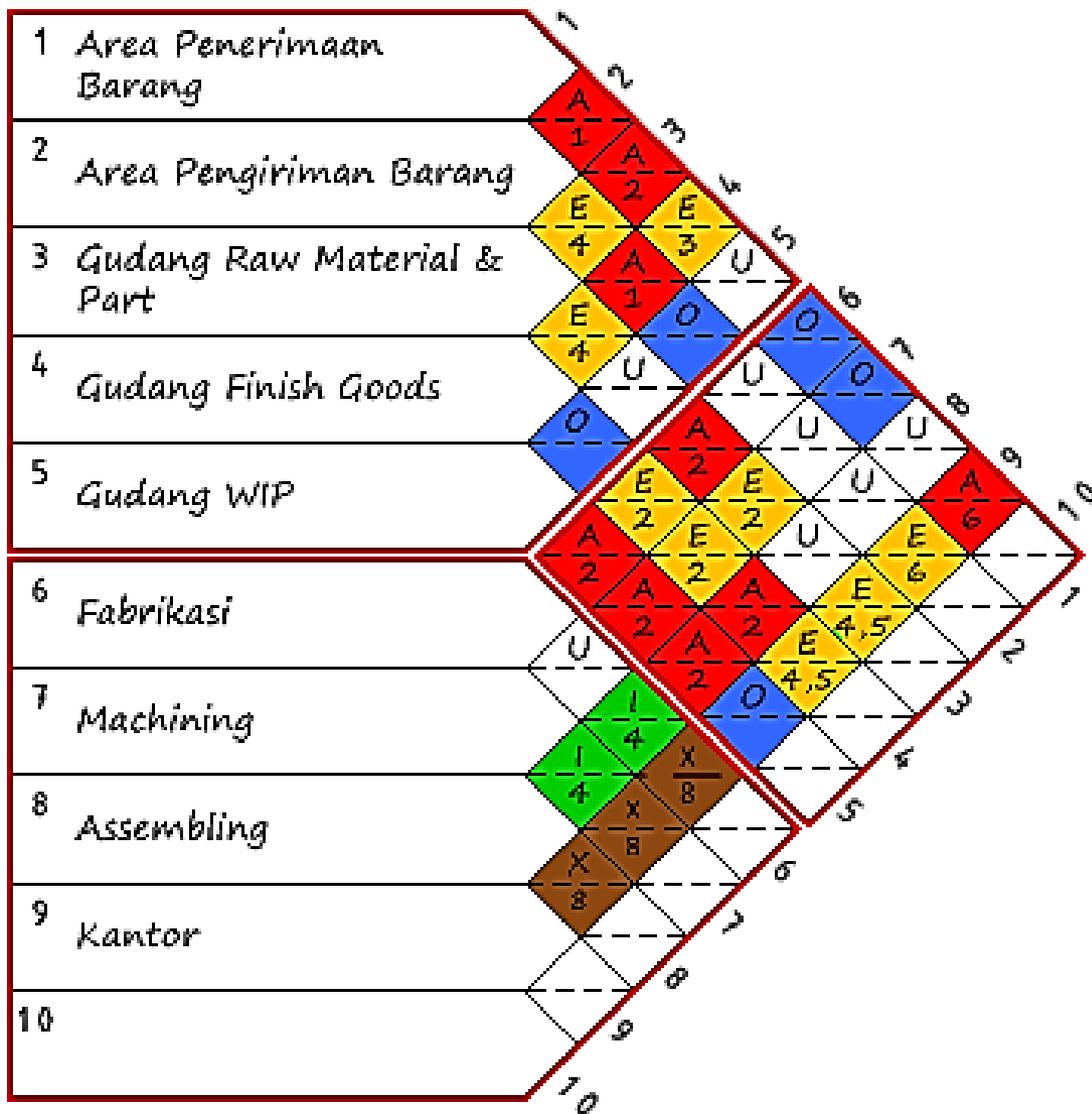
# hubungan ruang

Metode menentukan **Hubungan Ruang** :

## 1. Matriks Hubungan Ruang

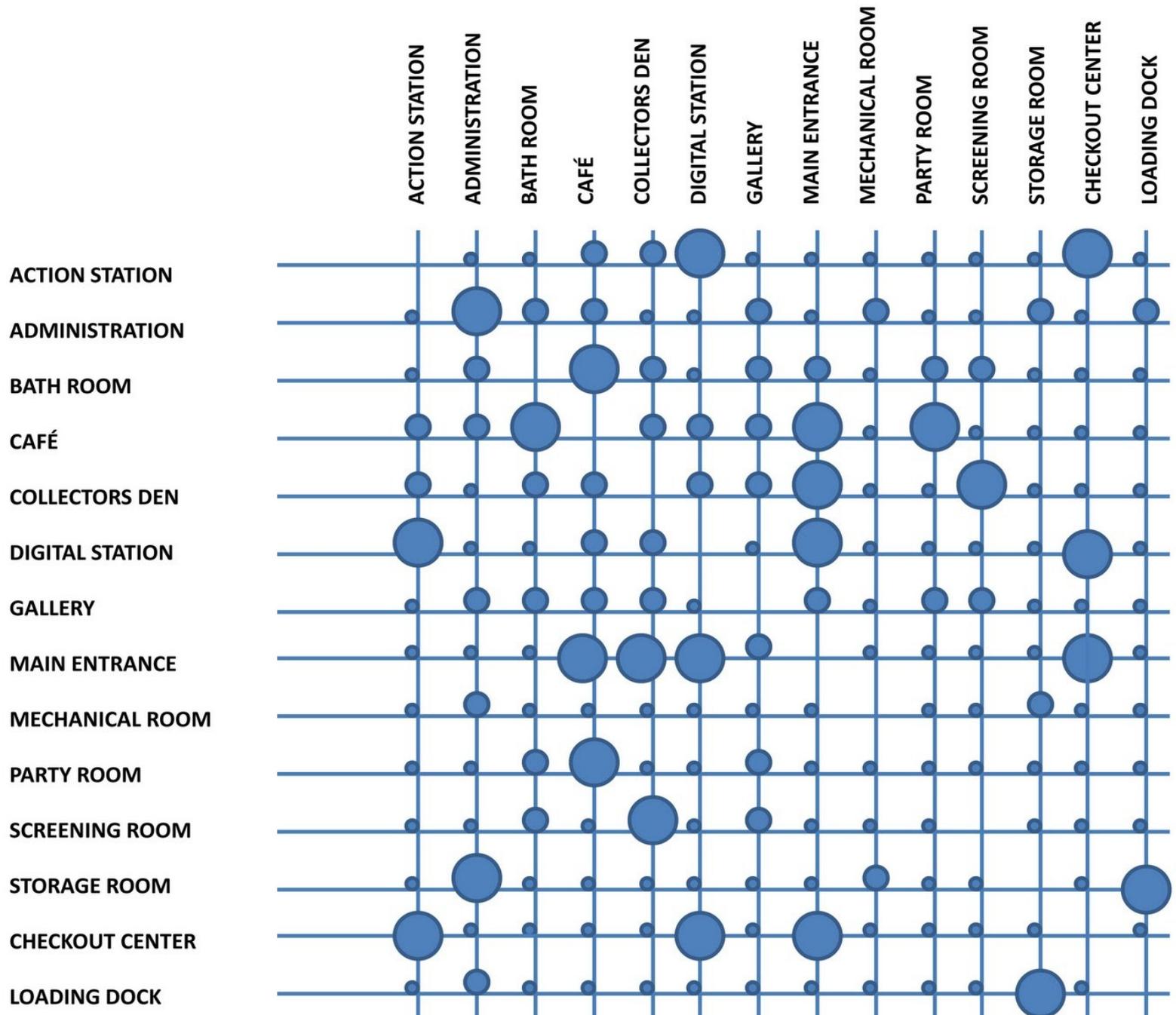


# hubungan ruang

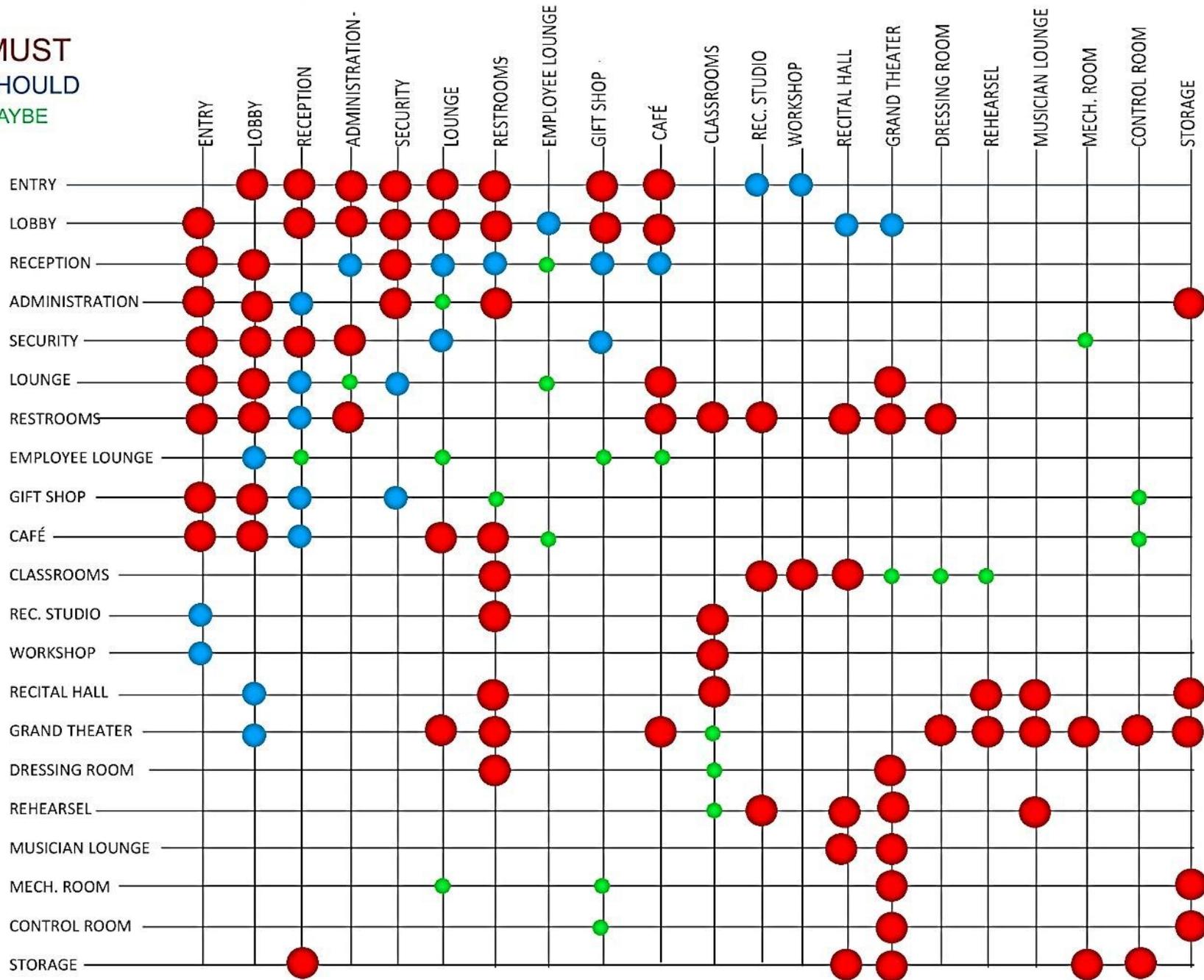


Value	CLOSENESS
A	Absolutely Necessary
E	Especially Important
I	Important
O	Ordinary Closeness OK
U	Unimportant
X	Undesirable

Code	REASON
1	Some dock
2	Flow of material
3	Service
4	Convenience
5	Inventory control
6	Communication
7	Some personnel
8	Cleanliness
9	Flow of parts

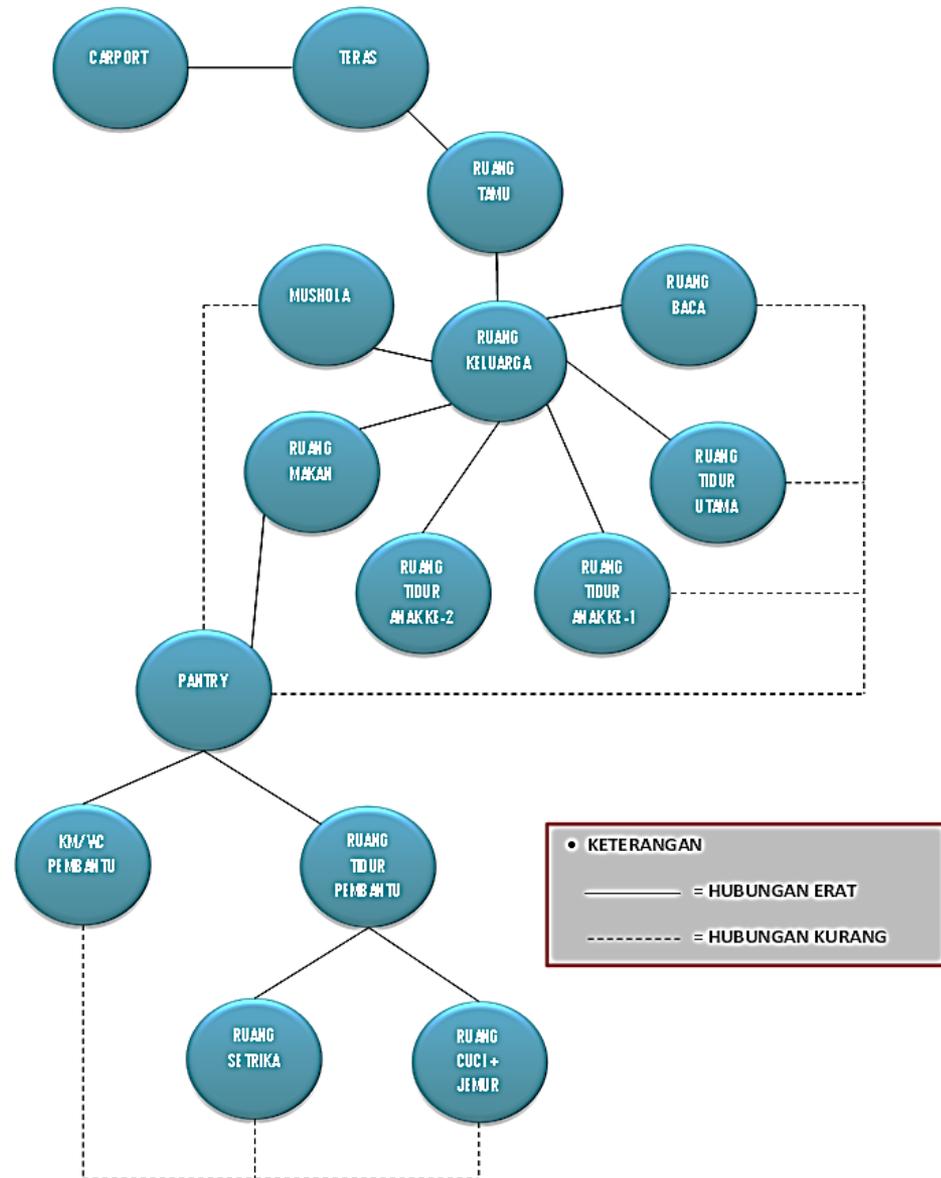


- MUST
- SHOULD
- MAYBE



# hubungan ruang

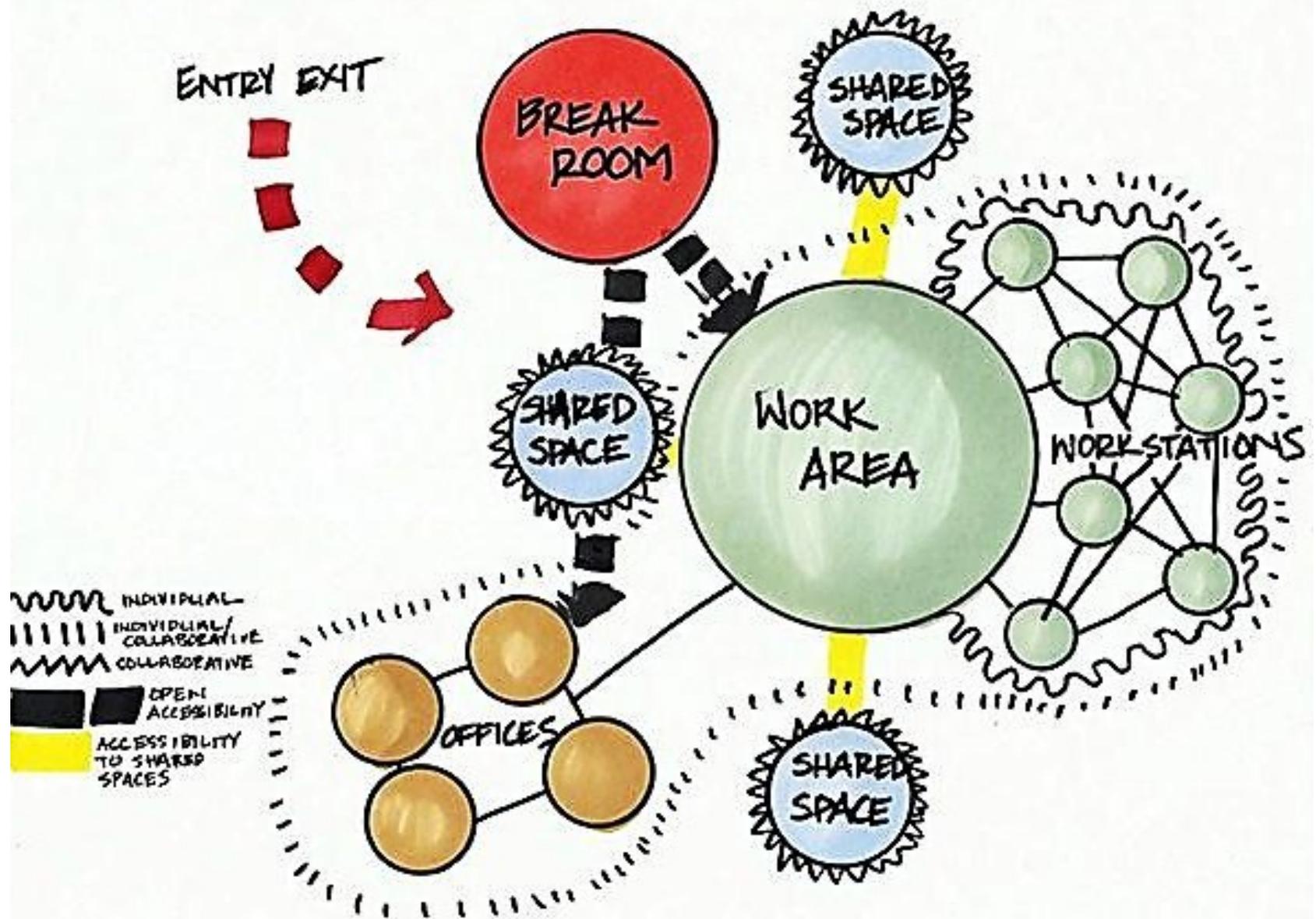
## 2. Pola Hubungan Ruang



## **Organisasi Ruang :**

1. Pola Kegiatan
2. Pola Sirkulasi
3. Karakter Ruang

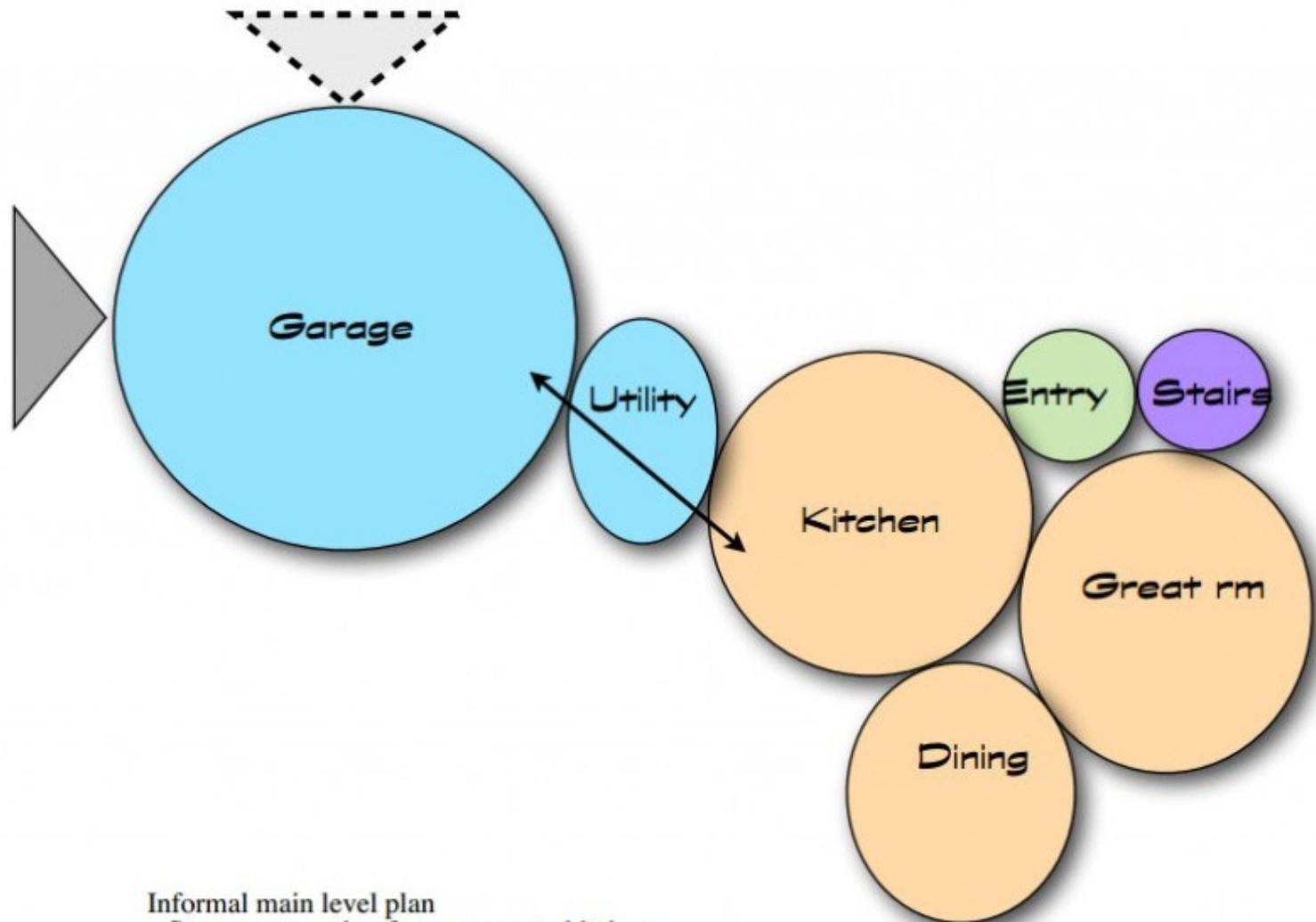
# zonifikasi





# zonifikasi

Informal main level plan "A"



Informal main level plan

- Strong connection from garage to kitchen.
- Dining room informal and open to kitchen
- Open floor plan

# zonifikasi

