

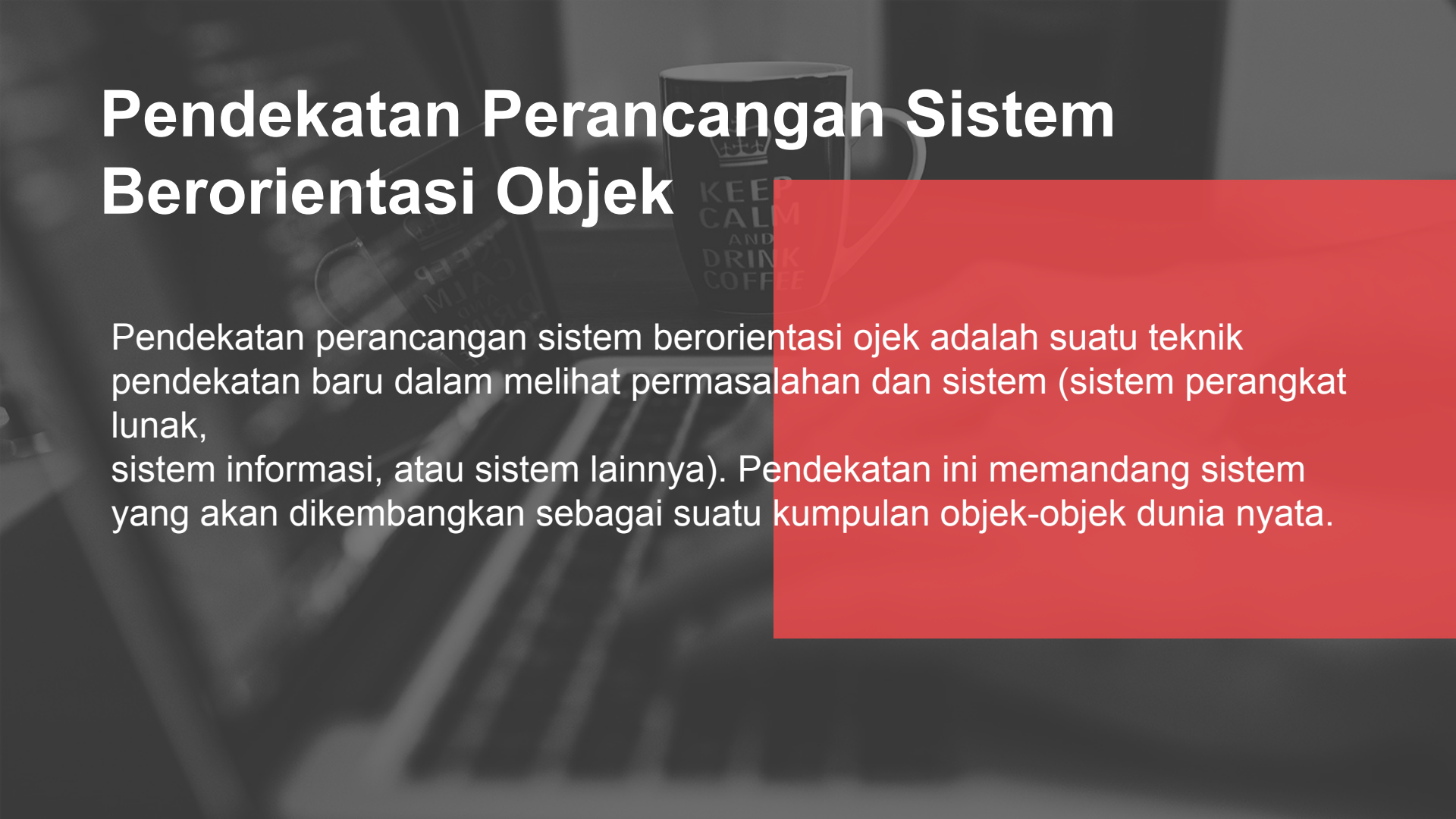


STMIK
Amik Riau


PENDEKATAN PERANCANGAN SISTEM BERORIENTASI OBJEK

Disampaikan Oleh : Mardainis
(1030036802)

Pendekatan Perancangan Sistem Berorientasi Objek



Pendekatan perancangan sistem berorientasi objek adalah suatu teknik pendekatan baru dalam melihat permasalahan dan sistem (sistem perangkat lunak, sistem informasi, atau sistem lainnya). Pendekatan ini memandang sistem yang akan dikembangkan sebagai suatu kumpulan objek-objek dunia nyata.



Beberapa Konsep Pemrograman Berorientasi Objek (OOP)

01

Encapsulation

Encapsulation atau pengkapsulan adalah konsep tentang pengikatan data atau metode yang berbeda yang disatukan atau “dikapsulkan” menjadi satu unit data.

02

Inheritance

Inheritance adalah konsep OOP di mana kita dapat membentuk class baru yang “mewarisi” atau memiliki bagian-bagian dari class yang sudah ada sebelumnya.

03

Abstract Class

abstract class adalah class-class yang memiliki informasi abstrak dan metode-metode dari sekumpulan data.

04

Polymorphism

Polymorphism adalah konsep di mana suatu objek yang berbeda-beda dapat diakses melalui interface yang sama.



Enkapsulasi

Saat mengabstraksikan dan memodelkan objek, data dan proses-proses yang dipunyai oleh objek akan dienkapsulasi (dibungkus) menjadi satu kesatuan.

Mengabstraksikan dan
memodelkan objek

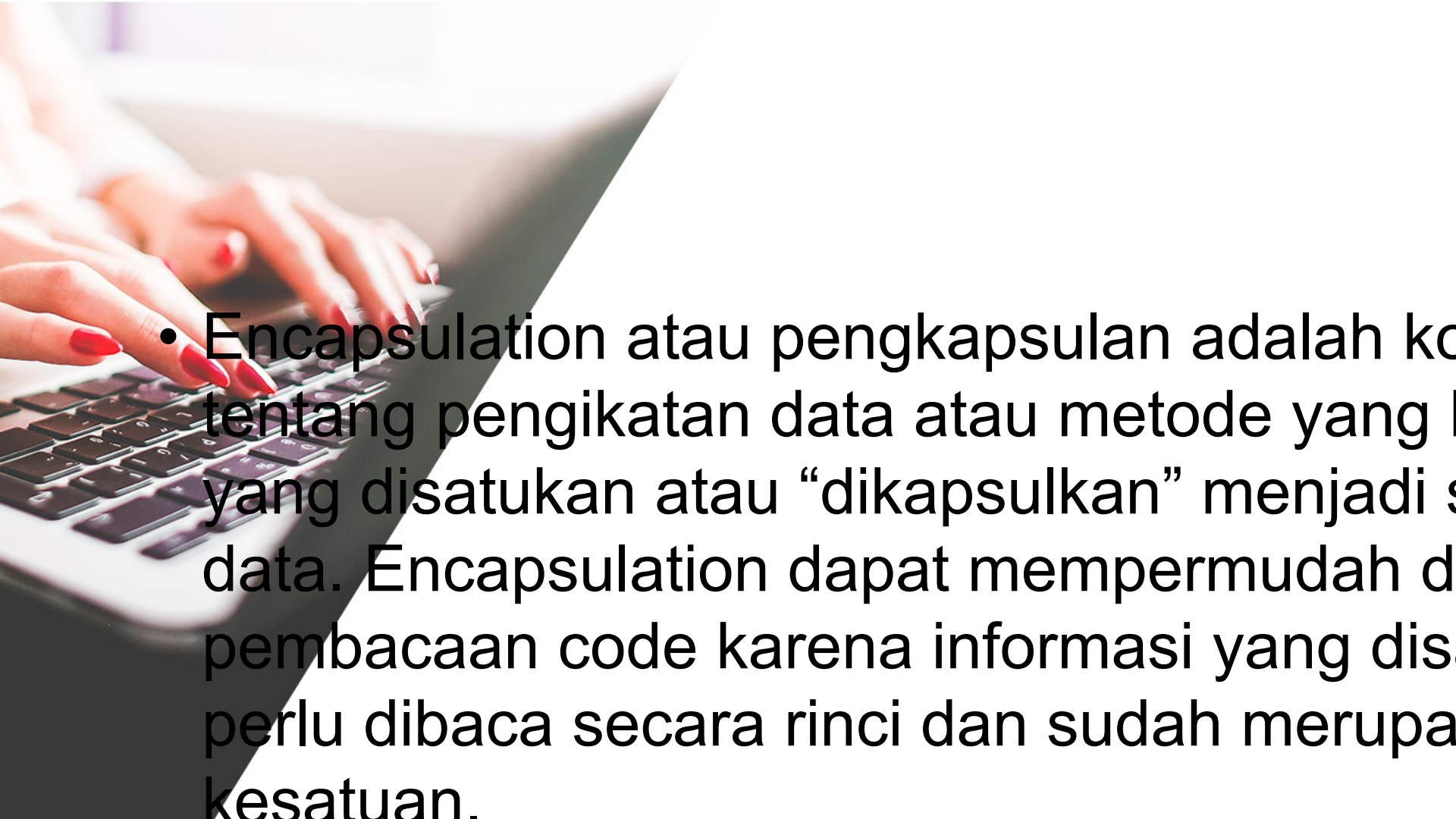




Encapsulation atau pengkapsulan adalah konsep tentang pengikatan data atau metode yang berbeda yang disatukan atau “dikapsulkan” menjadi satu unit data. Encapsulation dapat mempermudah dalam pembacaan code karena informasi yang disajikan tidak perlu dibaca secara rinci dan sudah merupakan satu kesatuan.



- Encapsulation atau pengkapsulan adalah konsep tentang pengikatan data atau metode yang berbeda yang disatukan atau “dikapsulkan” menjadi satu unit data. Encapsulation dapat mempermudah dalam pembacaan code karena informasi yang disajikan tidak perlu dibaca secara rinci dan sudah merupakan satu kesatuan.



- Encapsulation atau pengkapsulan adalah konsep tentang pengikatan data atau metode yang berkaitan yang disatukan atau “dikapsulkan” menjadi satu data. Encapsulation dapat mempermudah dalam pembacaan code karena informasi yang disatukan perlu dibaca secara rinci dan sudah merupakan kesatuan.

Penerapan Konsep Pendekatan Berorientasi Objek



Dalam rekayasa perangkat lunak, konsep pendekatan berorientasi objek dapat diterapkan pada :

1. tahap analisis,
2. perancangan,
3. pemrograman dan
4. pengujian perangkat lunak.

Ada berbagai teknik yang dapat digunakan pada masing-masing tahap tersebut, dengan aturan dan alat bantu pemodelan tertentu.

Section Break

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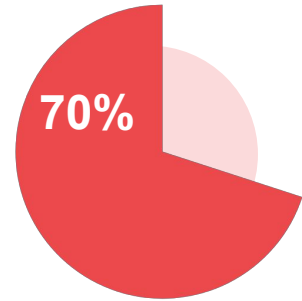
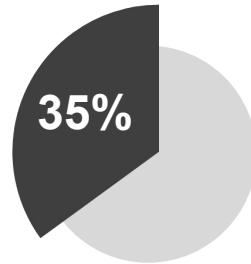
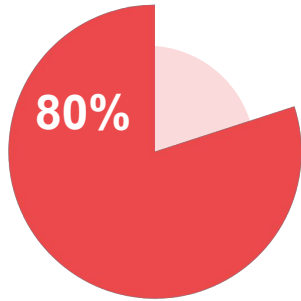
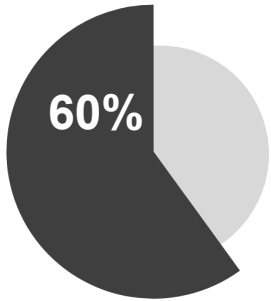



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Contents A 

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Contents D 

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Worldmap Style

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Simple Portfolio Presentation

A close-up photograph of a person's hands typing on a laptop keyboard. The person is wearing a light-colored, patterned sweater over a blue long-sleeved shirt. The laptop is silver, and the keyboard is black. The background is softly blurred, showing a window with natural light.

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Table Style

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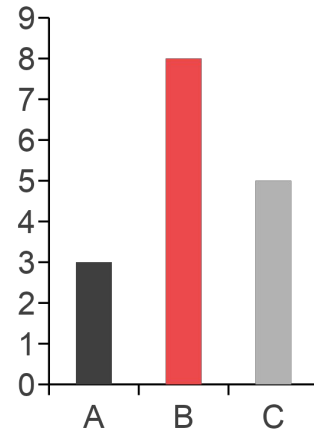
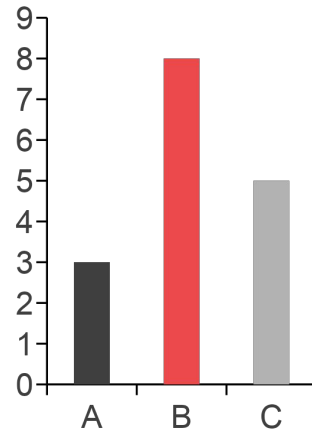
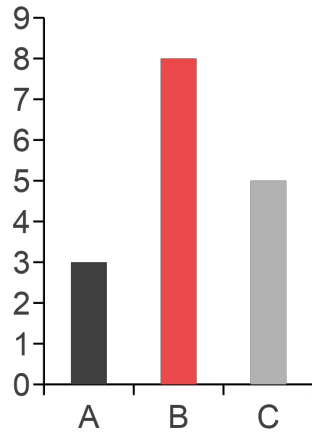
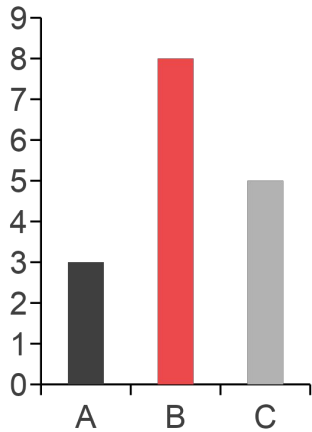
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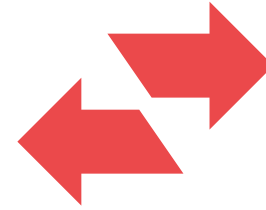
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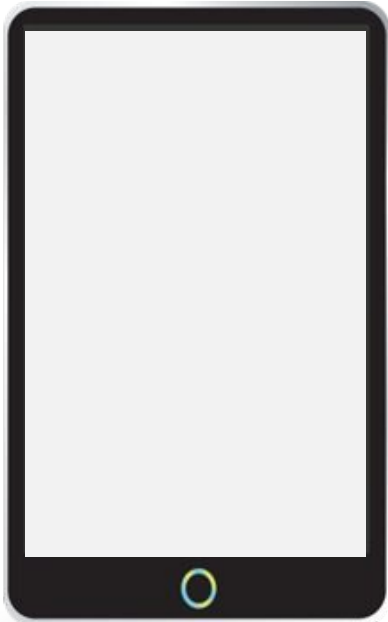


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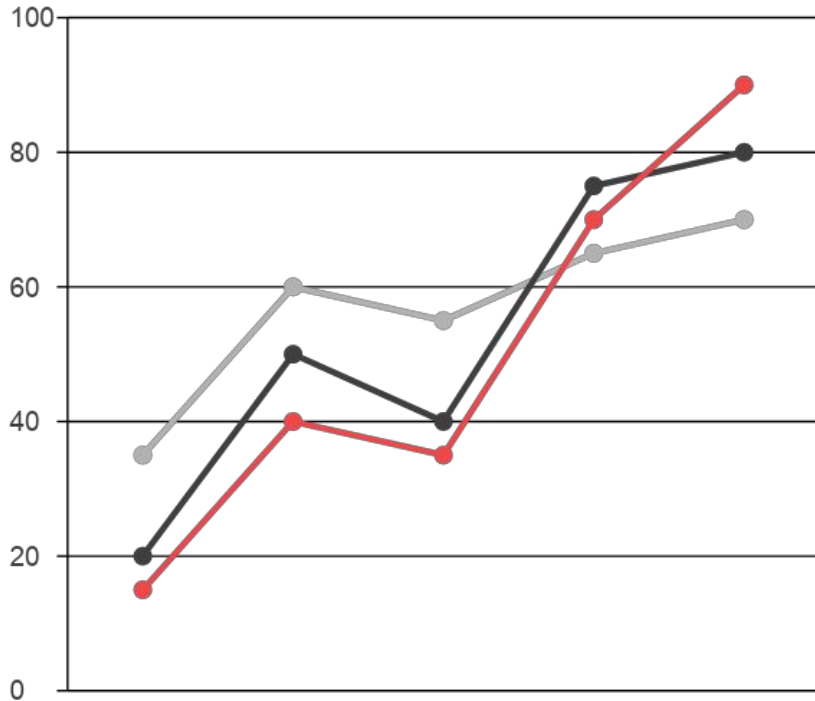
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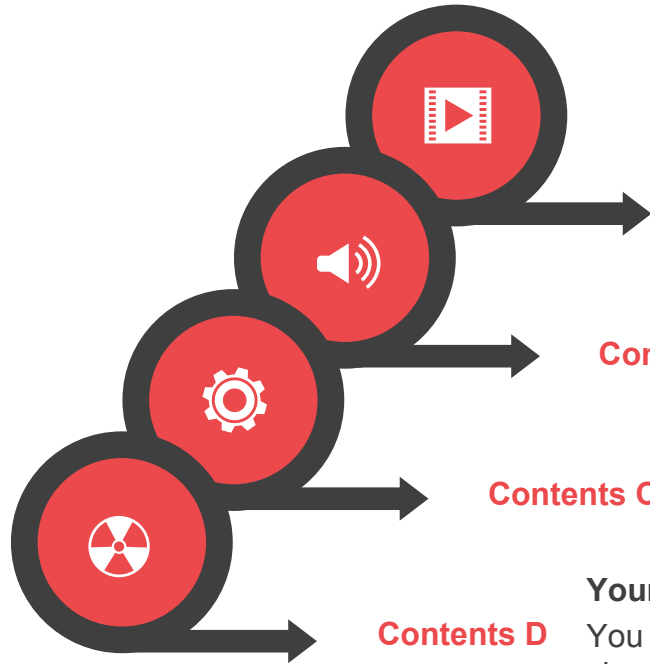


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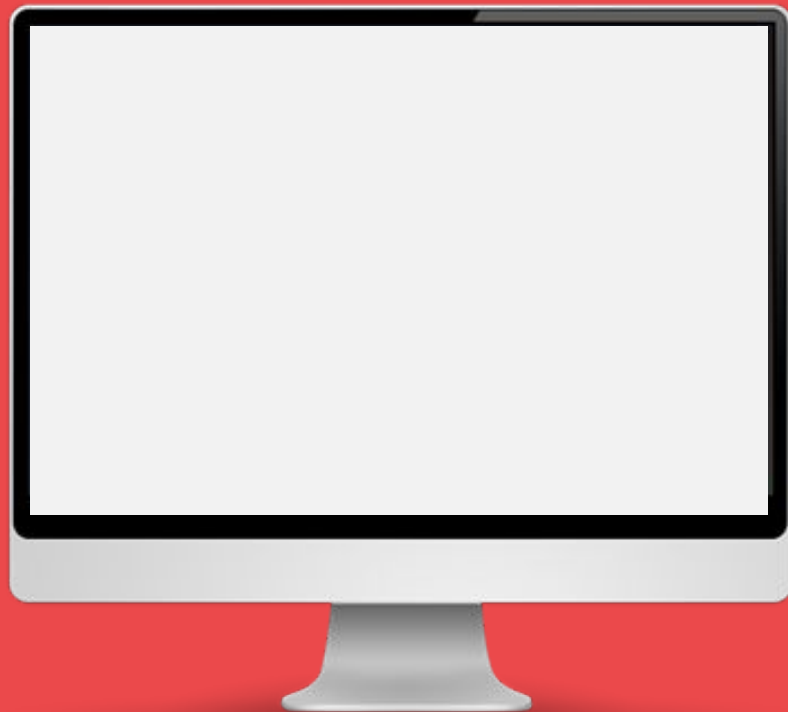
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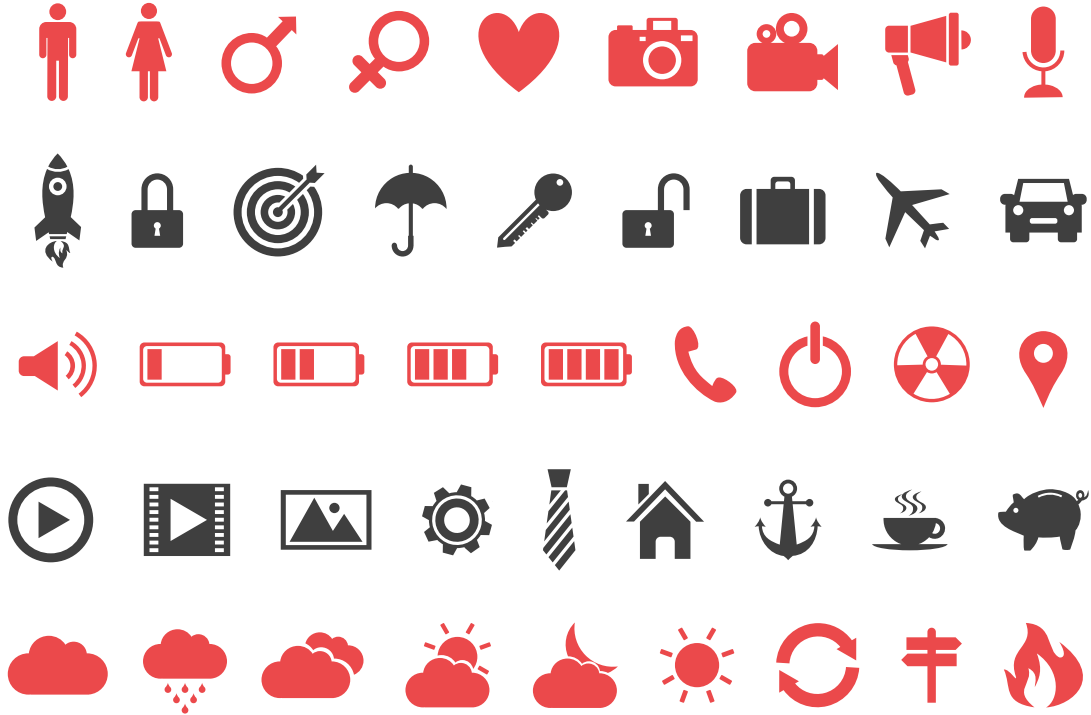
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