

Evolução da *internet* e novos processos de negócio

Gestão de Informação e dos Processos de Negócio

Pergunta 1 – (25 pontos)

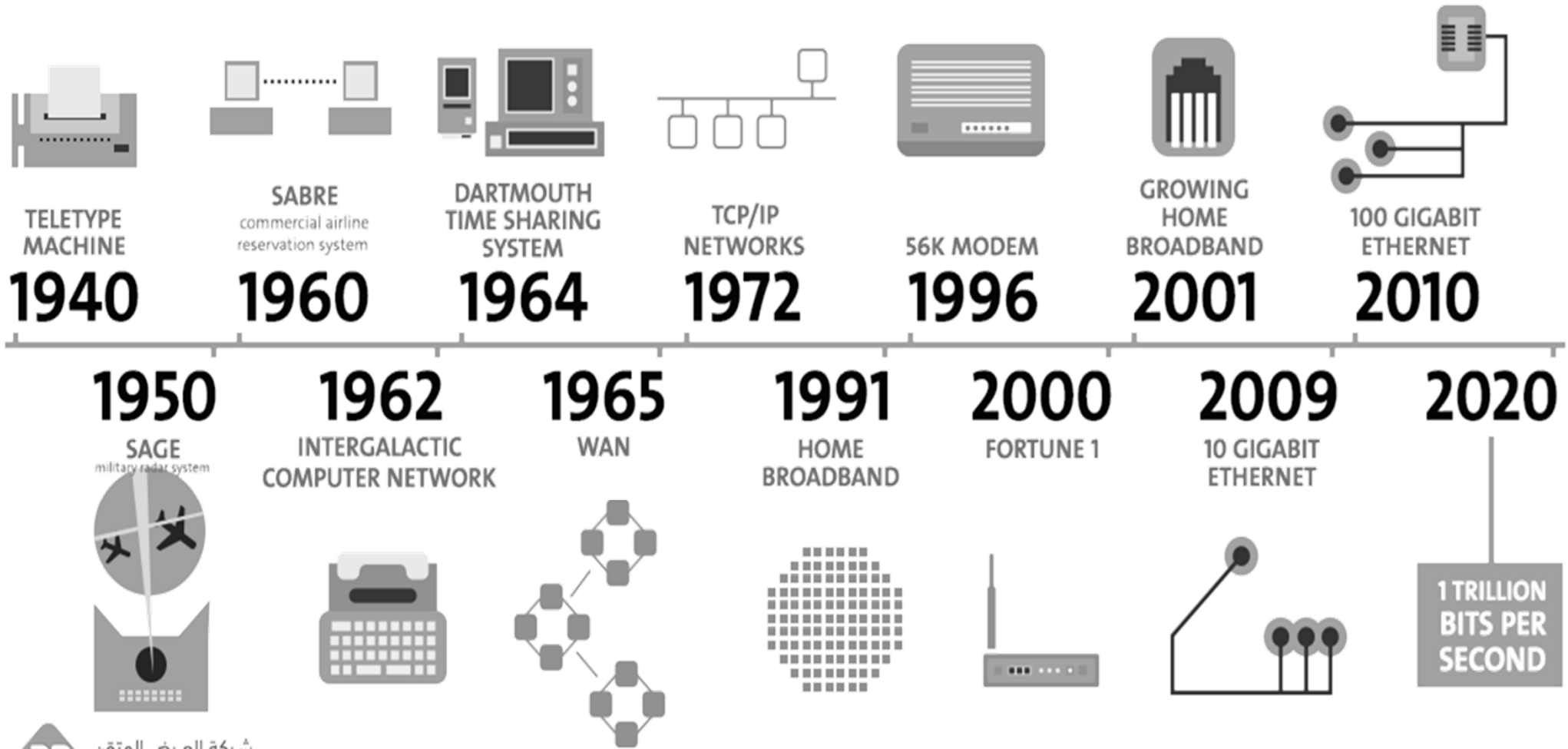
Dizer a “Internet” ou a “web” é referir-se à mesma coisa?





<https://www.youtube.com/watch?v=9hIQjrMHTv4>

Evolução da infraestrutura de redes



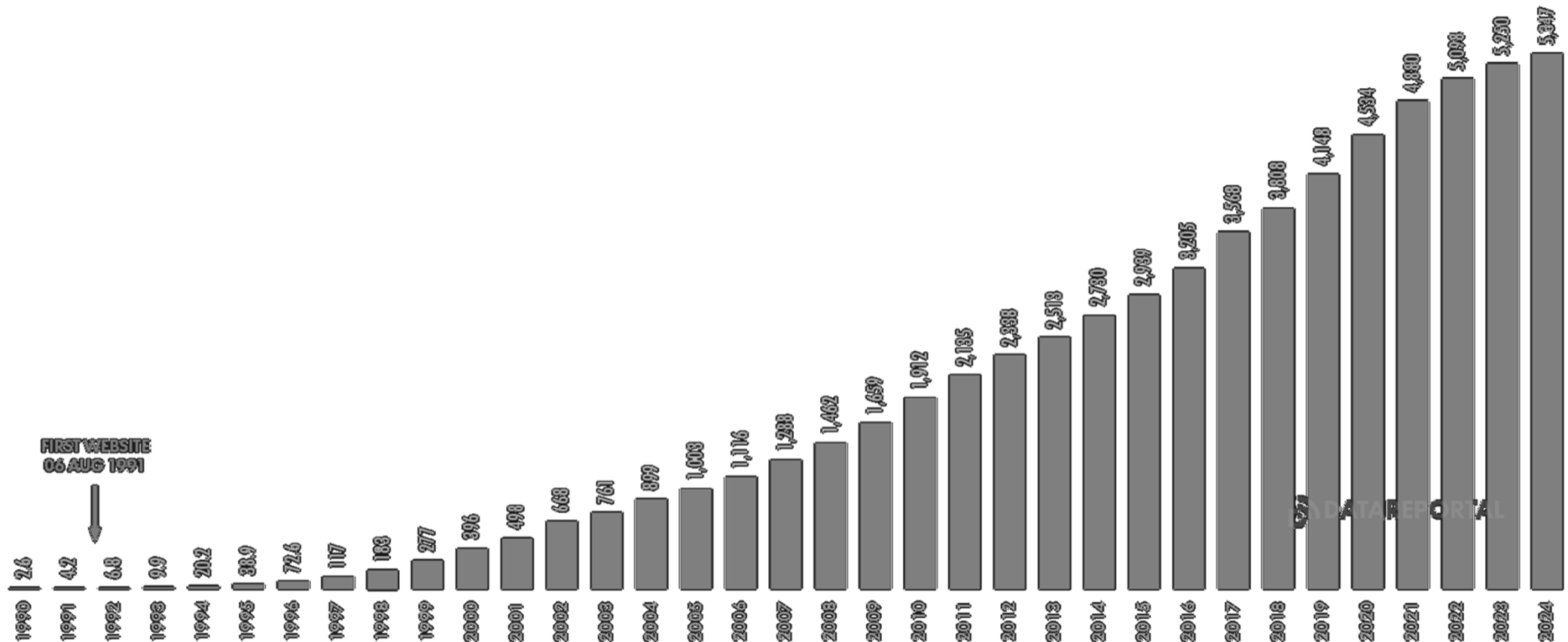
A Word Wide Web



<https://www.bbc.co.uk/bitesize/articles/z2nbgk7#z94tn9q>

Evolução do número de utilizadores da *internet*

6

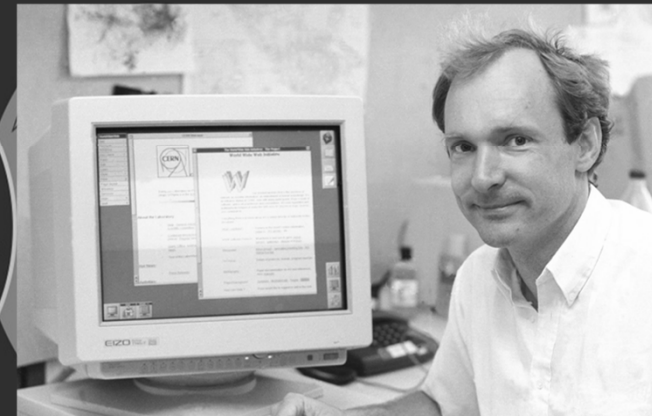


SOURCES: RENOS, ARIKING, IFL, COMA INTELLIGENCE, EUROSTAT, GOOGLE'S ADVERTISING RESOURCES, CNNIC, KANTAR SIMPLI, GOVERNMENT RESOURCES, UNITED NATIONS, COMPREHENSIVE SOURCE AND DATA CHANGES. ALL FIGURES USE THE LATEST AVAILABLE DATA, BUT SOME SOURCES DO NOT PUBLISH REGULAR UPDATES, SO FIGURES FOR RECENT PERIODS MAY UNDER-REPRESENT ACTUAL USE. SEE NOTE ON DATA.

we
are
social

Meltwater

Evolução do software da *internet*

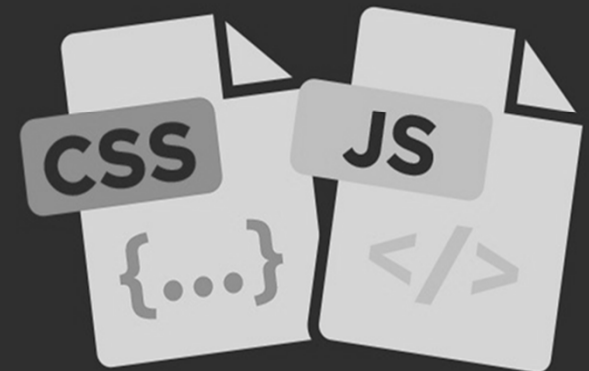


Evolução do software da *internet*

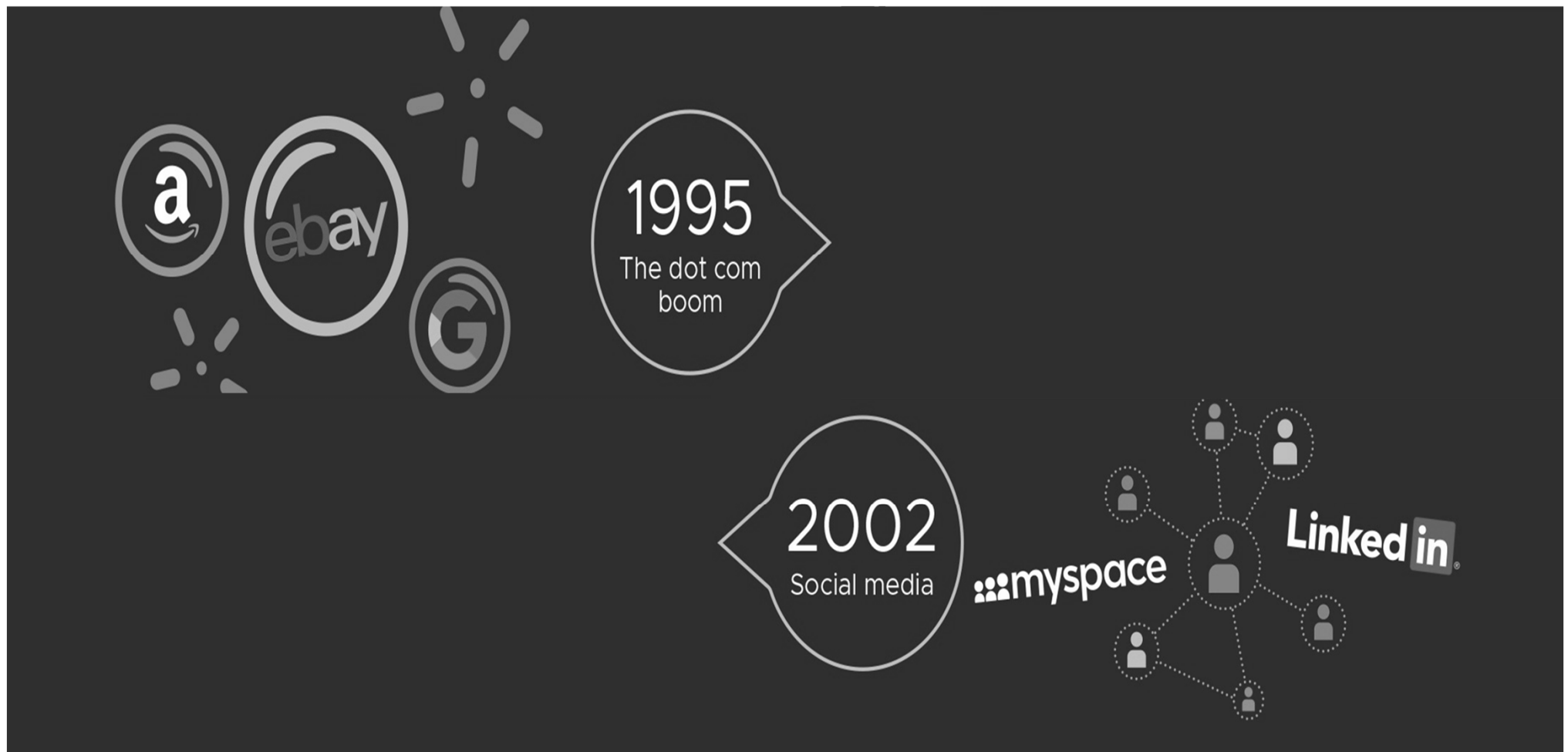


1992
The first
browsers

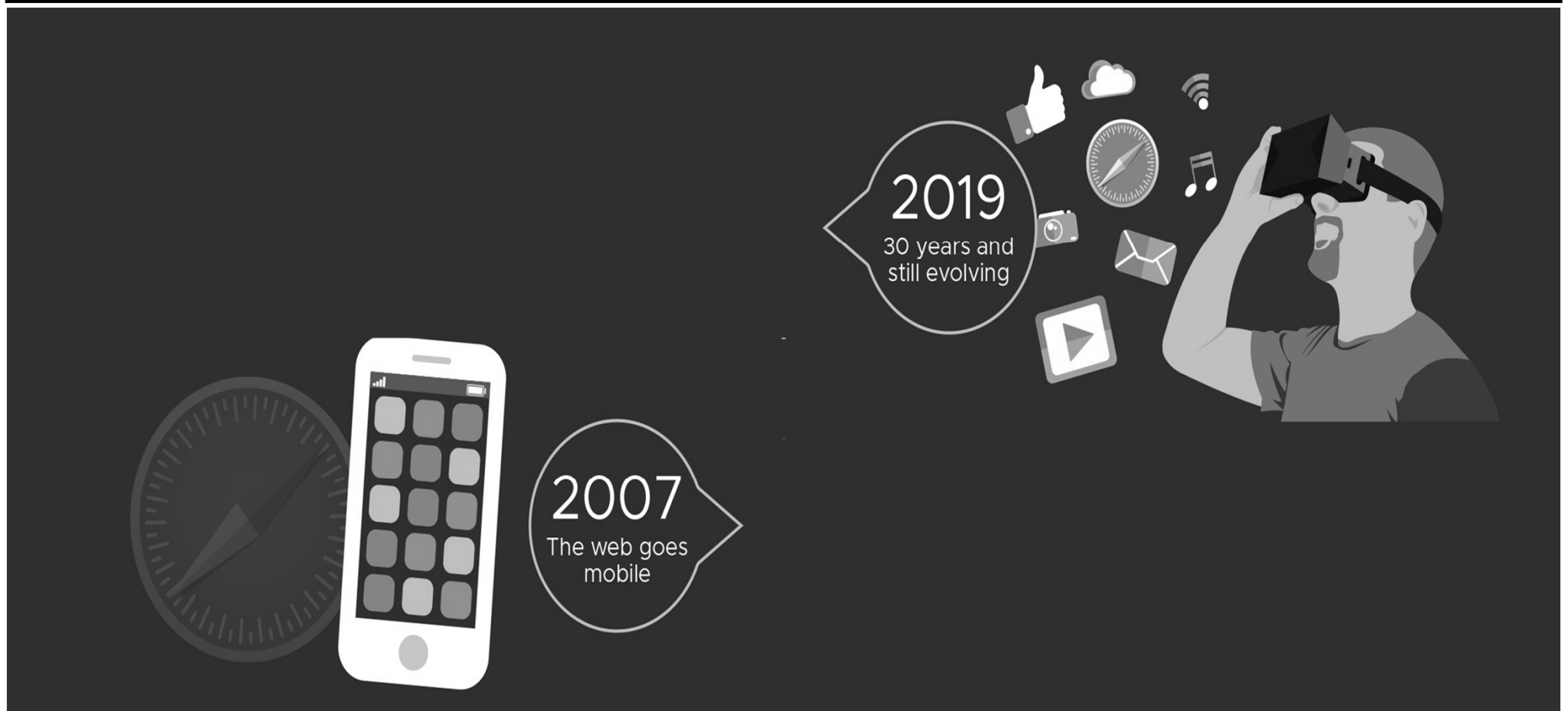
1995
Incorporating
CSS and
JavaScript



Evolução do software da *internet*



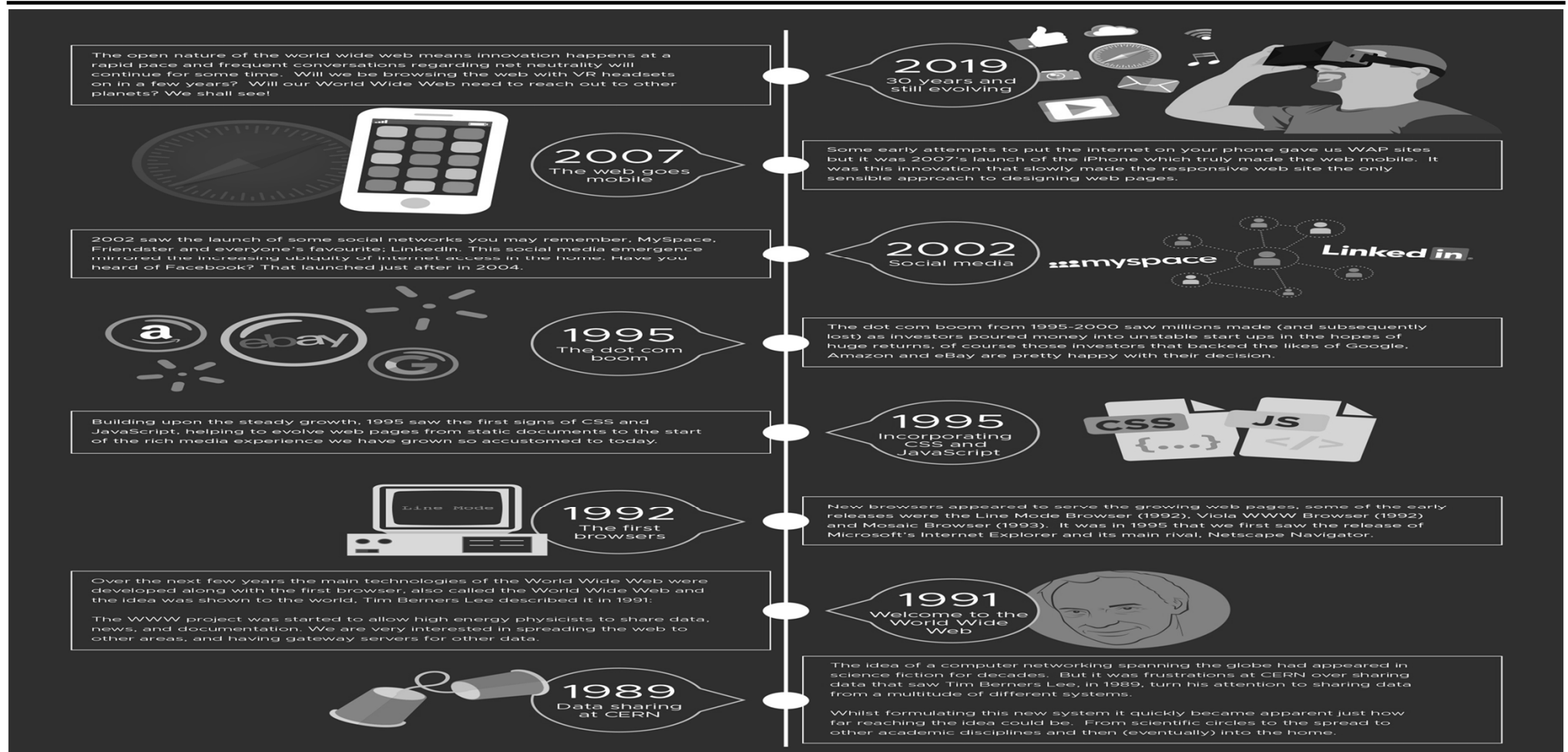
Evolução do software da *internet*



Pergunta 1

Aula 18

11



Pergunta 2 – 25 pontos

Quantas fases já teve a Web?

1

2

3

4

5

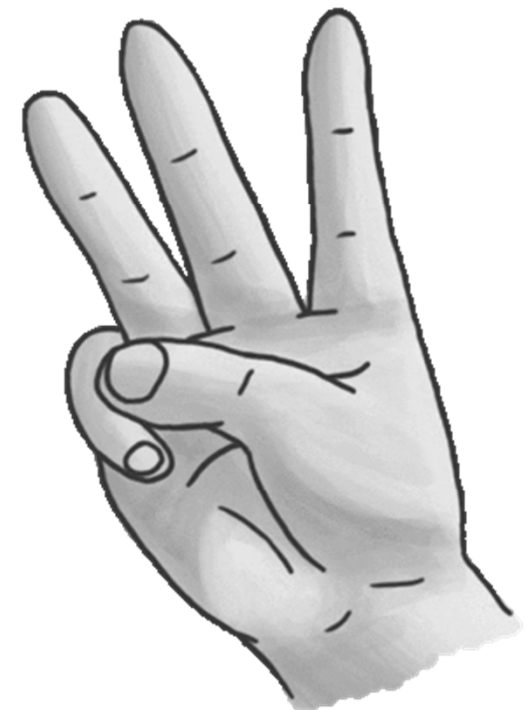
6

7

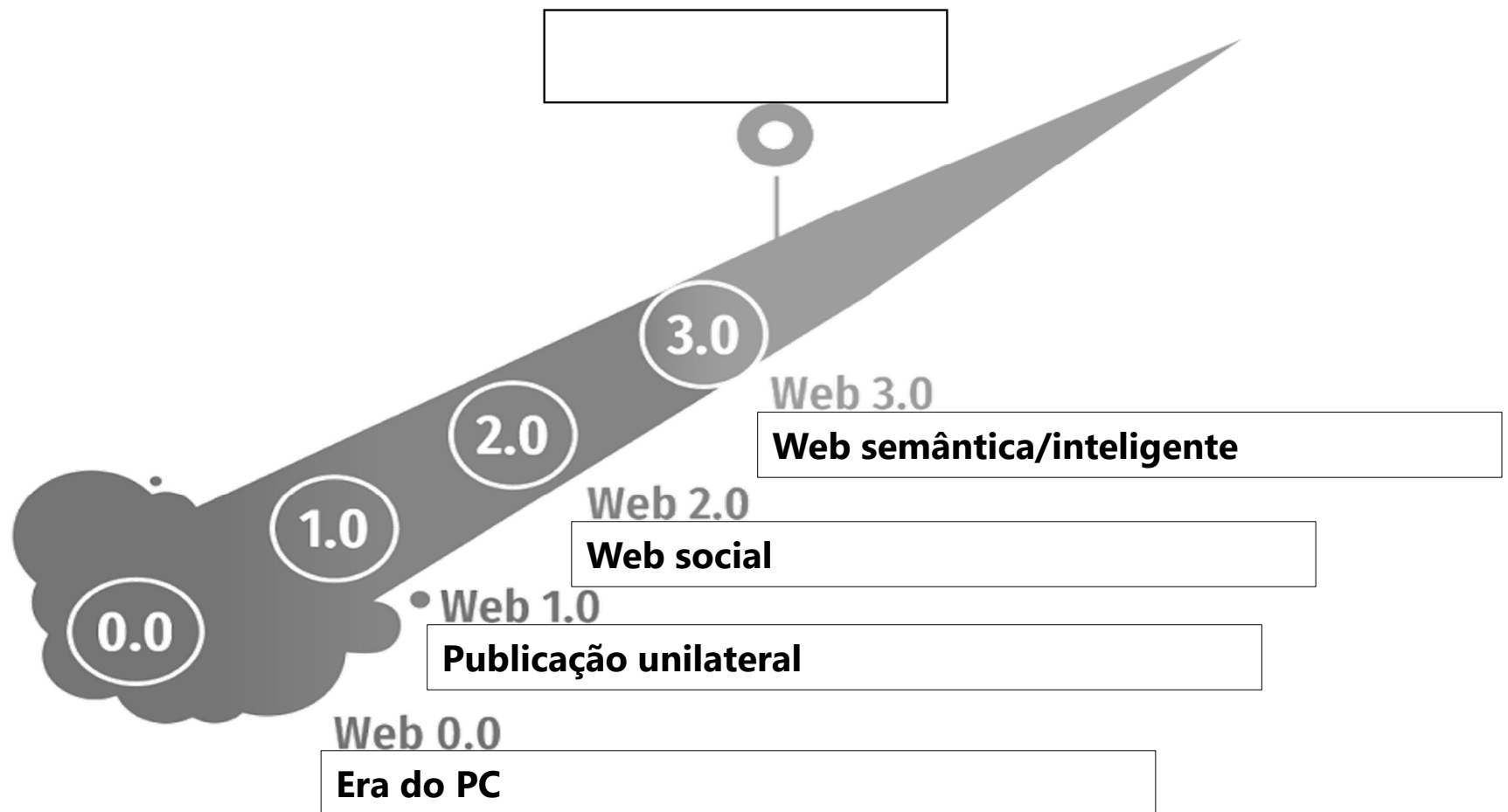
8

9

10



Fases da evolução da WEB



Web 1.0

A Web 1.0 foi o primeiro estágio da revolução da World Wide Web, geralmente chamada de Web somente leitura.

The screenshot shows the CNN.com homepage from August 15, 2000. The page features a search bar at the top right, a navigation menu on the left, and several news stories. The main headline is about a train derailment in Montana. Other stories include Clinton's speech at the Democratic Convention, a live video feed of the convention, and a list of other news items like bad weather in Russia and Tropical Storm Beryl.

CNN.com

Search: CNN.com Find

myCNN Video Audio Headline News Brief Free E-mail Feedback

August 15, 2000 -- Updated 12:52 a.m. EDT, 0452 GMT

BREAKING NEWS Six cars of a Burlington Northern Santa Fe freight train have derailed in Montana, forcing evacuation of up to 400 people, a railway official reports. Three of the tanker cars contained a hazardous material, the official says. No leaks have been reported.

Clinton says Democrats hold keys to bright future

Saying the Democratic Party holds the keys to "progress and prosperity," President Clinton made the case for the election of his protege, Vice President Al Gore, in an emotional address to the party convention Monday night.

"Are we going to keep this progress and prosperity going? Yes we are," Clinton told convention delegates, who cheered at length and chanted as he began the night's major address.

FULL STORY

IN-DEPTH: DEMOCRATIC CONVENTION

- Convention opens to protests, rubber bullets
- Gore boasts of a better health care plan
- Hillary Rodham Clinton speech transcript

CNN ON TV: Democratic Convention Coverage

Watch Live on CNN (all times EDT)

- 7 a.m.: Bill Bradley's take on the convention
- 8 a.m.: Patrick Kennedy on his dad's address
- 3 p.m.: TalkBack Live on the women's vote

Watch interview with Hillary Clinton and other video highlights. Live coverage begins at 4:30 p.m. EDT

DEMOCRATIC CONVENTION VIDEO

In Other News:

- Bad weather hampers Russian submarine rescue
- Tropical Storm Beryl bears down on Texas-Mexico border
- North and South Korea prepare for first family reunions since 1985
- China noncommittal on Arafat's timetable for Palestinian state

Sports:

- Titans dominate Rams in first Monday night game in Nashville
- Thompson sets record in 100-meter freestyle
- Monday's Major League scoreboard

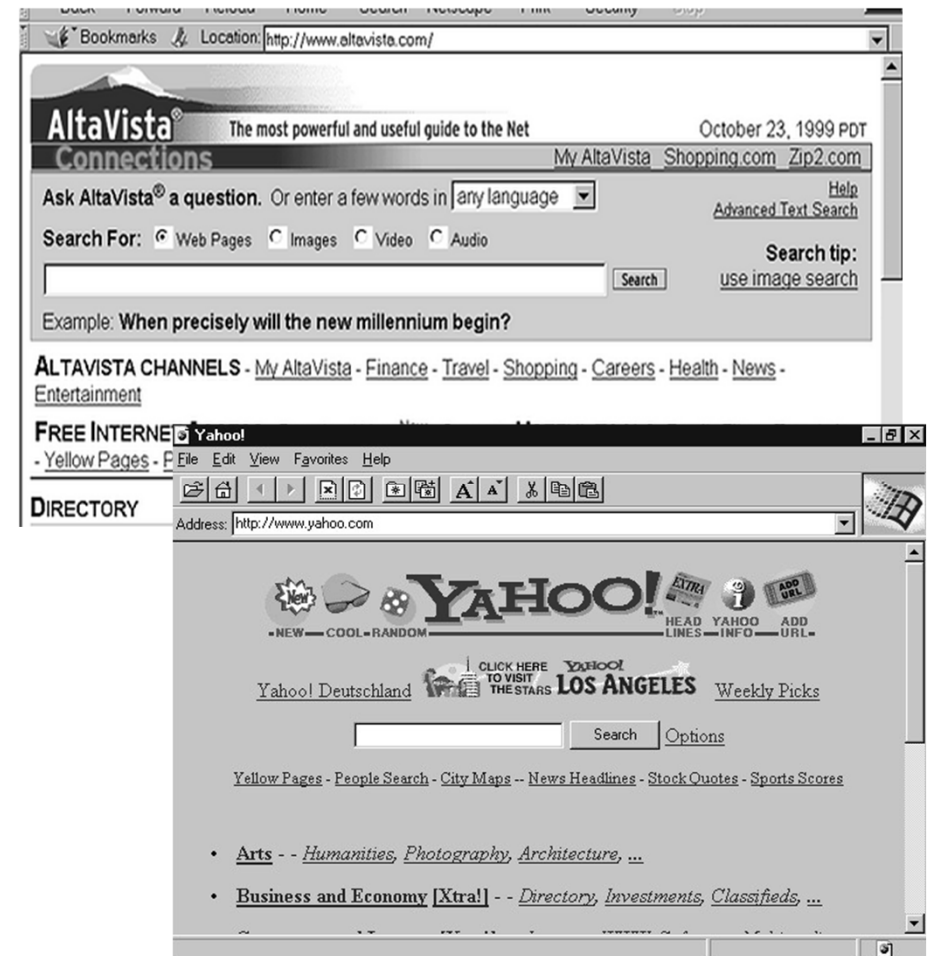
Features:

- Northern lights join meteors in dazzling sky

Waiting for web.archive.org...

Web 1.0

Os sites eram informativos e continham apenas conteúdo estático com *hiperlinks* ou, em palavras simples, não havia CSS, links dinâmicos, interatividade como login dos utilizadores, comentários nos posts de blogs, etc.



Web 1.0

Na era da Web 1.0, ou seja, de 1991 a 2004, os utilizadores da Internet eram consumidores de conteúdos, criados por criadores de conteúdos.



WEB 1.0 { HTML, PORTALS }



WEB MASTER



STATIC WEB

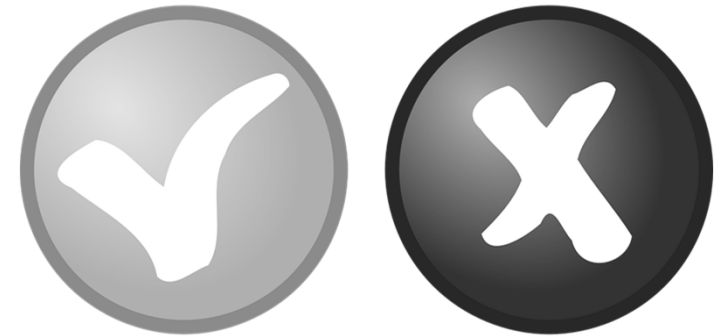


USERS

Pergunta 3 – 25 pontos

Ainda existem páginas web assentes em Web 1.0?

 WEB 1.0 { HTML, PORTALS }



Pergunta 3 – 25 pontos

BLOCO
de Not@s

Disciplinas Arquivo Ligações

Este espaço pretende ser uma forma reforçada de contacto entre os alunos e as aulas, procurando ajudar na organização do estudo e no aproveitamento escolar

Pesquisar

Notícias & Atualidade

Ano letivo 2024-2025

1.º Semestre 2024/2025

Gestão da Informação e dos Processos de Negócio

- 2024-11-06 **Novo!**
Alteração da data da Frequência e do Trabalho de análise: estava 16 de dezembro, quando deveria estar dia 20 de dezembro, como divulgado pelo Diretor de Curso.
- 2024-09-09
Já está disponível o conteúdo online

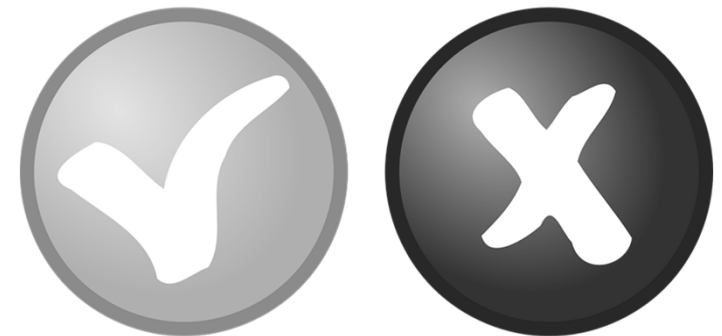
Cálculo Financeiro (Economia)

- 2024-10-30 **Novo!**
Já está disponível a classificação da Frequência #1.
- 2024-09-19
As salas de aula para os 2 turnos foram alteradas. Assim os turnos passarão a ter:

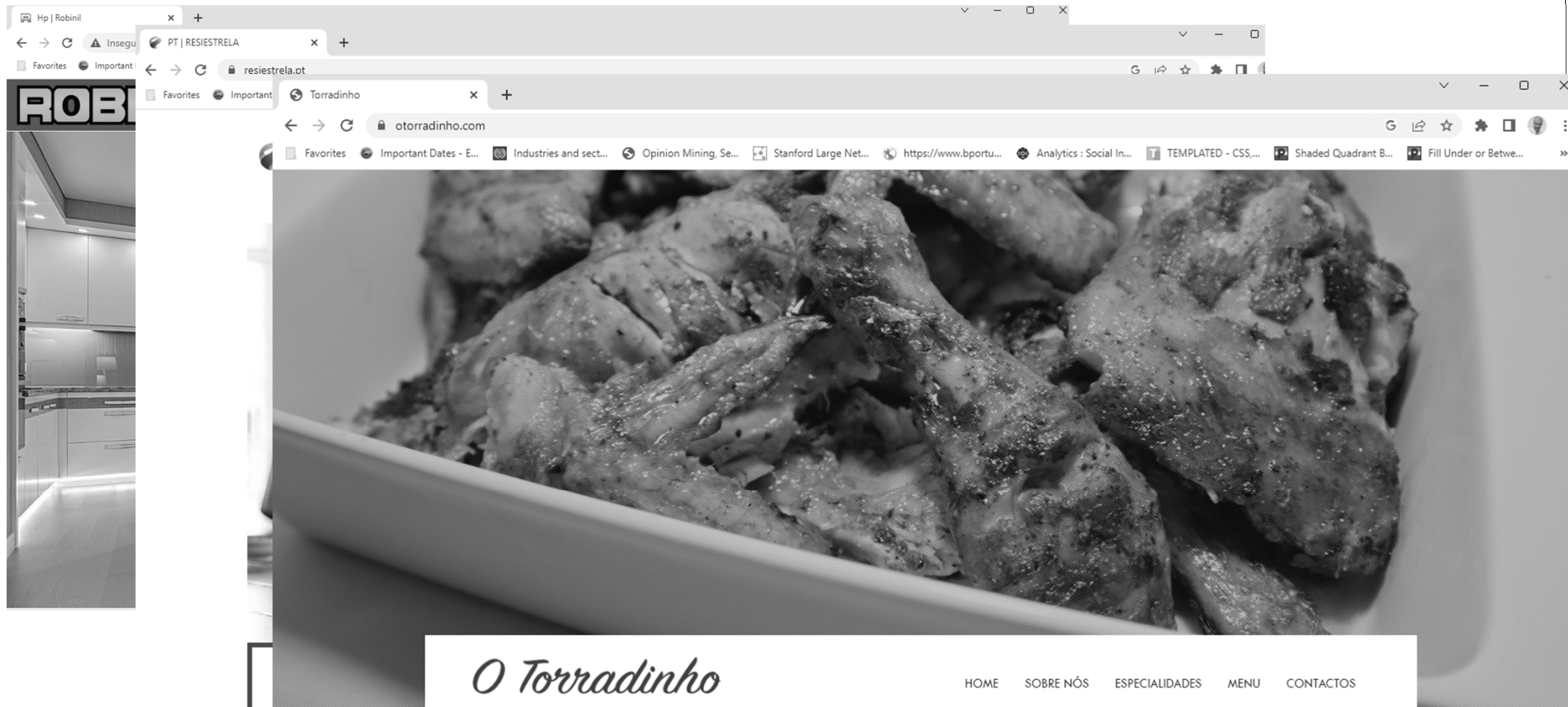
Pergunta 4 – 25 pontos

Ainda existem negócios com *sites* assentes em Web 1.0?

 WEB 1.0 { HTML, PORTALS }

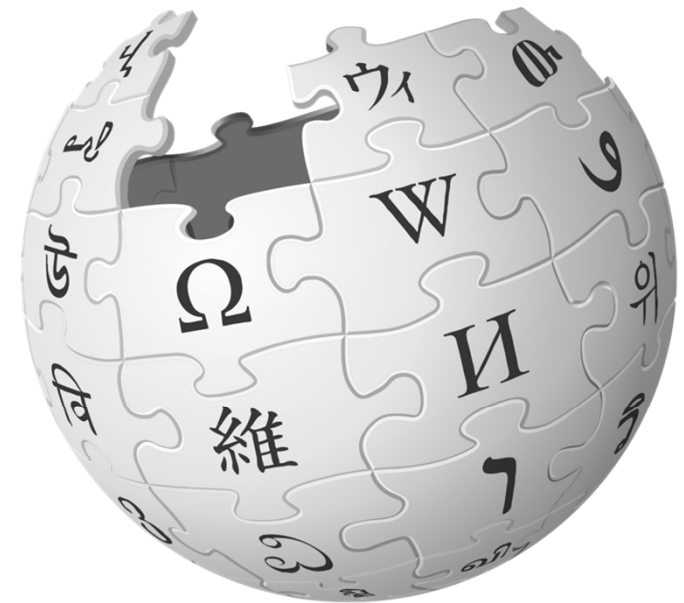


Pergunta 4 – 25 pontos



Web 2.0

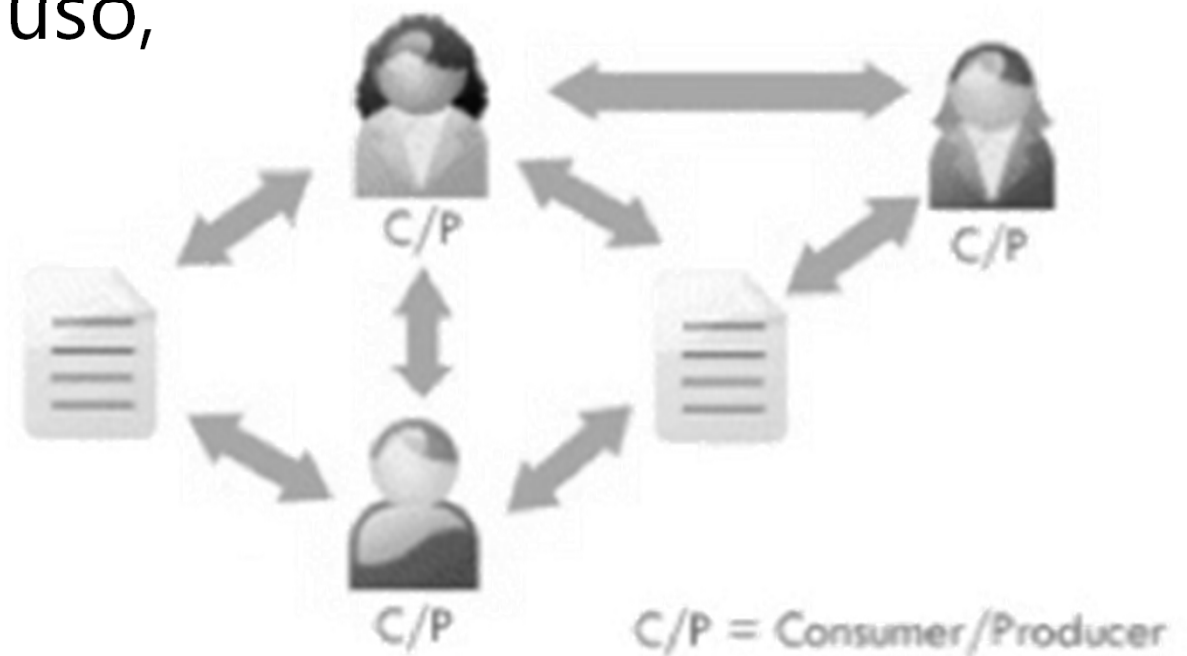
A Web 2.0, de 2004 até agora, é o segundo estágio da revolução da *World Wide Web*, geralmente chamada de Web de leitura e gravação.



WIKIPÉDIA
A enciclopédia livre

Web 2.0

A ênfase foi dada ao conteúdo gerado pelo utilizador, facilidade de uso, cultura participativa e interoperabilidade.



Web 2.0

Algumas das primeiras plataformas baseadas na Web 2.0 são o YouTube, Facebook (Meta), Amazon e assim por diante. Devido às tecnologias *Content Management System CMS*, a criação de uma loja de comércio eletrónico tornou-se extremamente popular.



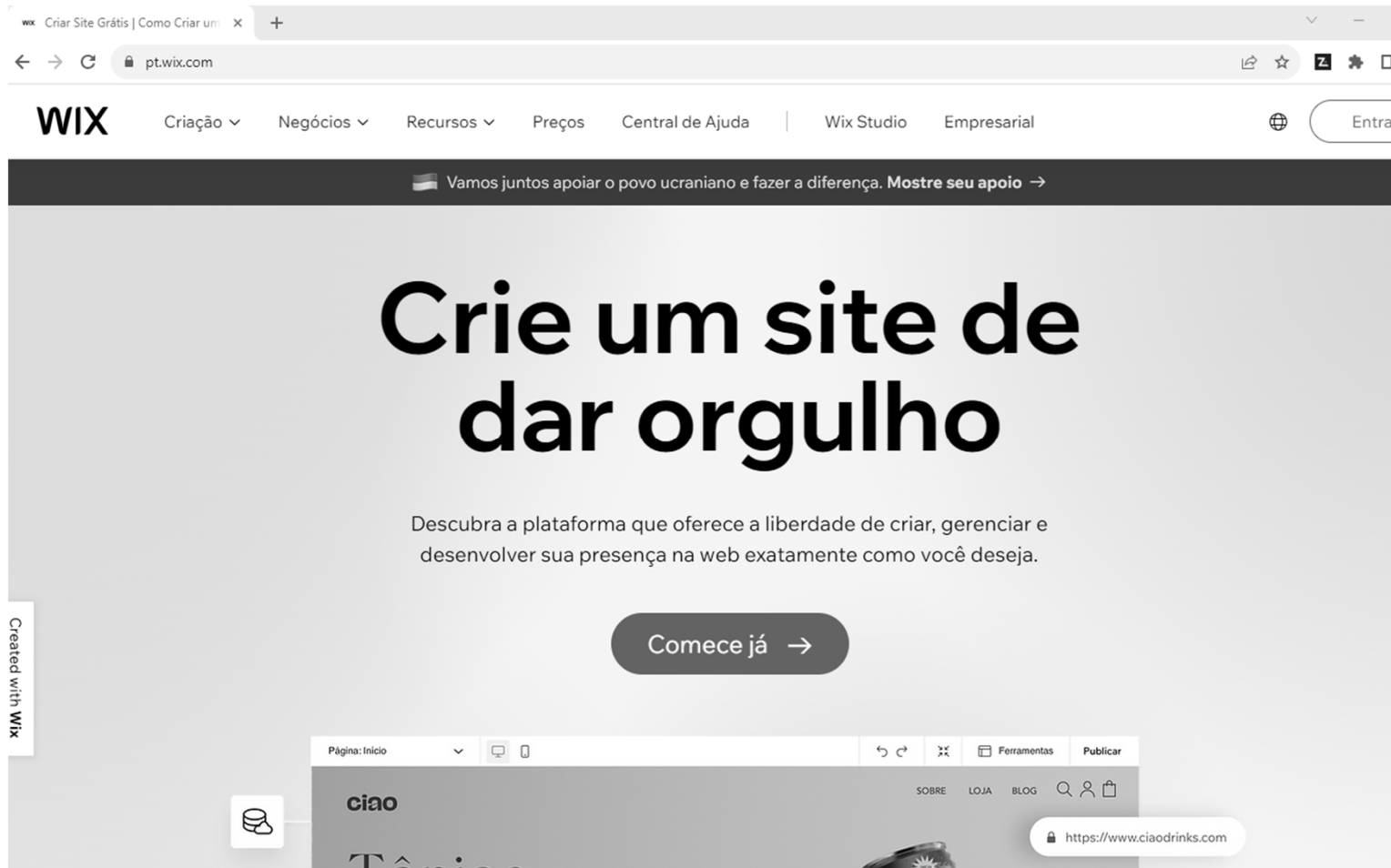
Web 2.0

A Web 2.0 trouxe uma mudança fundamental, onde as pessoas podem compartilhar suas perspectivas, opiniões, pensamentos e experiências por meio de uma variedade de ferramentas e plataformas online.



facebook



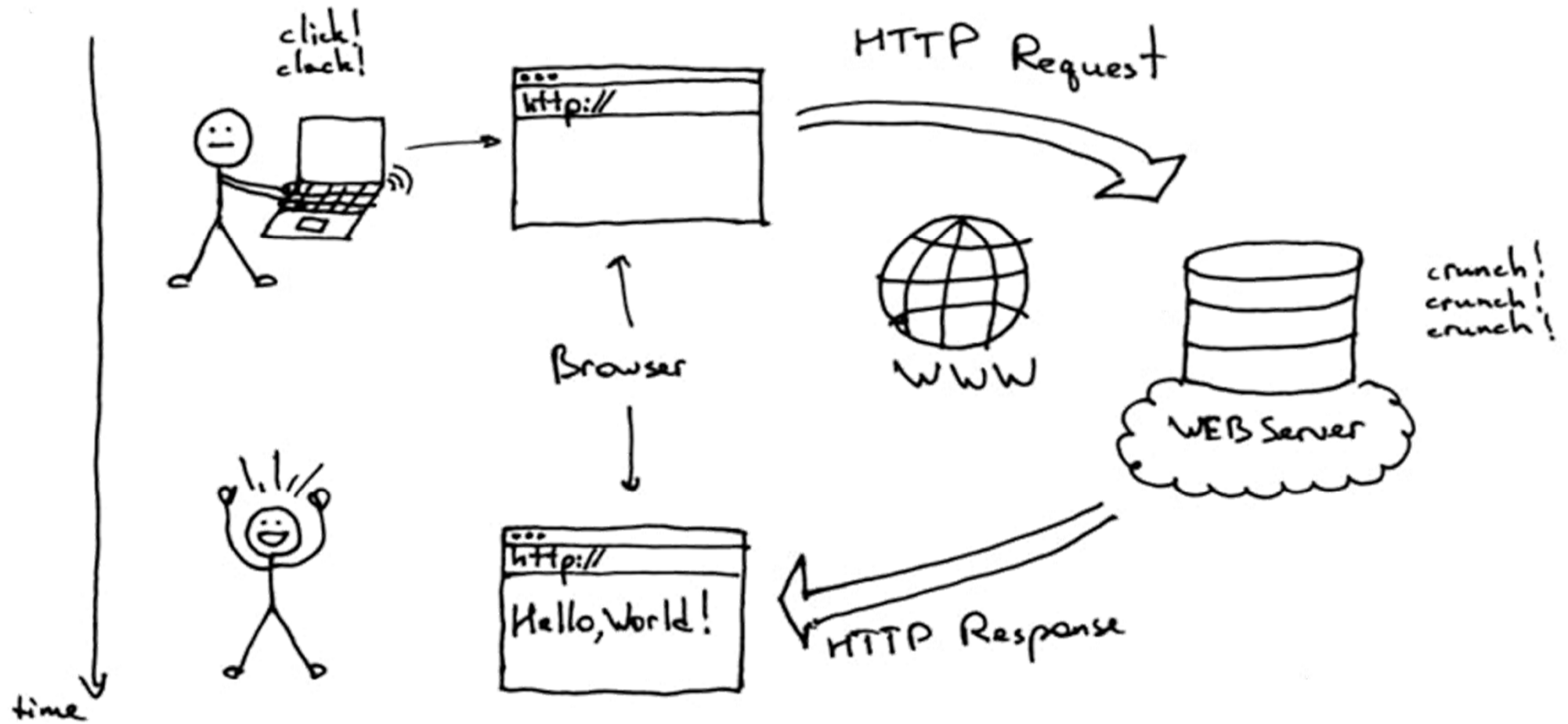


Web 2.0

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Web 2.0




Pergunta 5 – 25 pontos

Em 2005, o autor James Surowiecki cunhou uma expressão muito associado à Web 2.0. Tal expressão é:

- a) The crowd wisemen;**
- b) The social wisdom;**
- c) The wisdom of the crowds;**
- d) The crowd funding.**

Pergunta 5 – 25 pontos

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- a) **The crowd wisemen;**
- b) **The social wisdom;**
- c) **The wisdom of the crowds;** 
- d) **The crowd funding.**

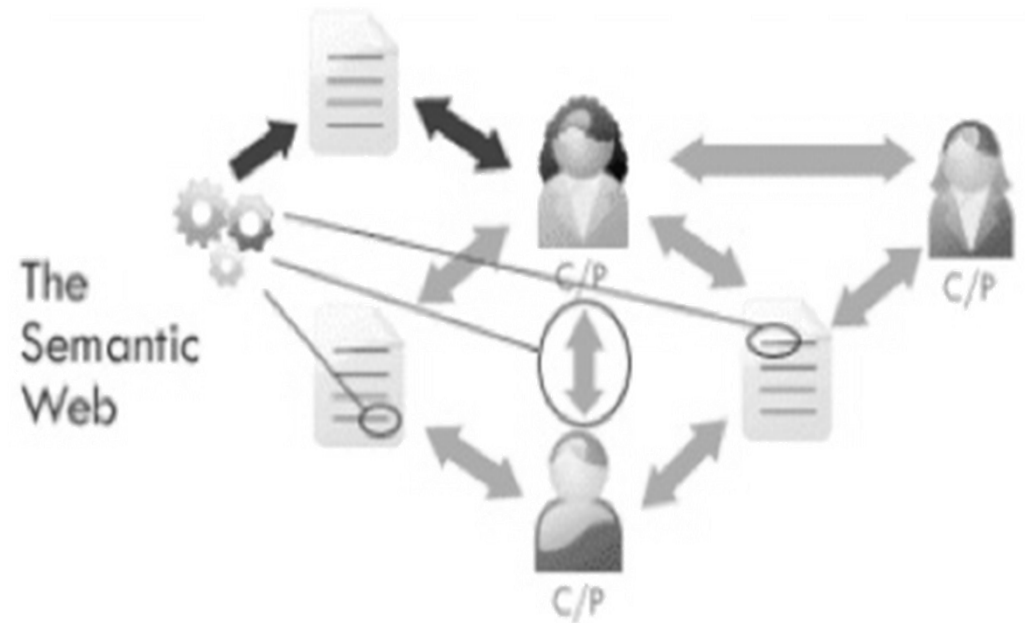
Web 3.0



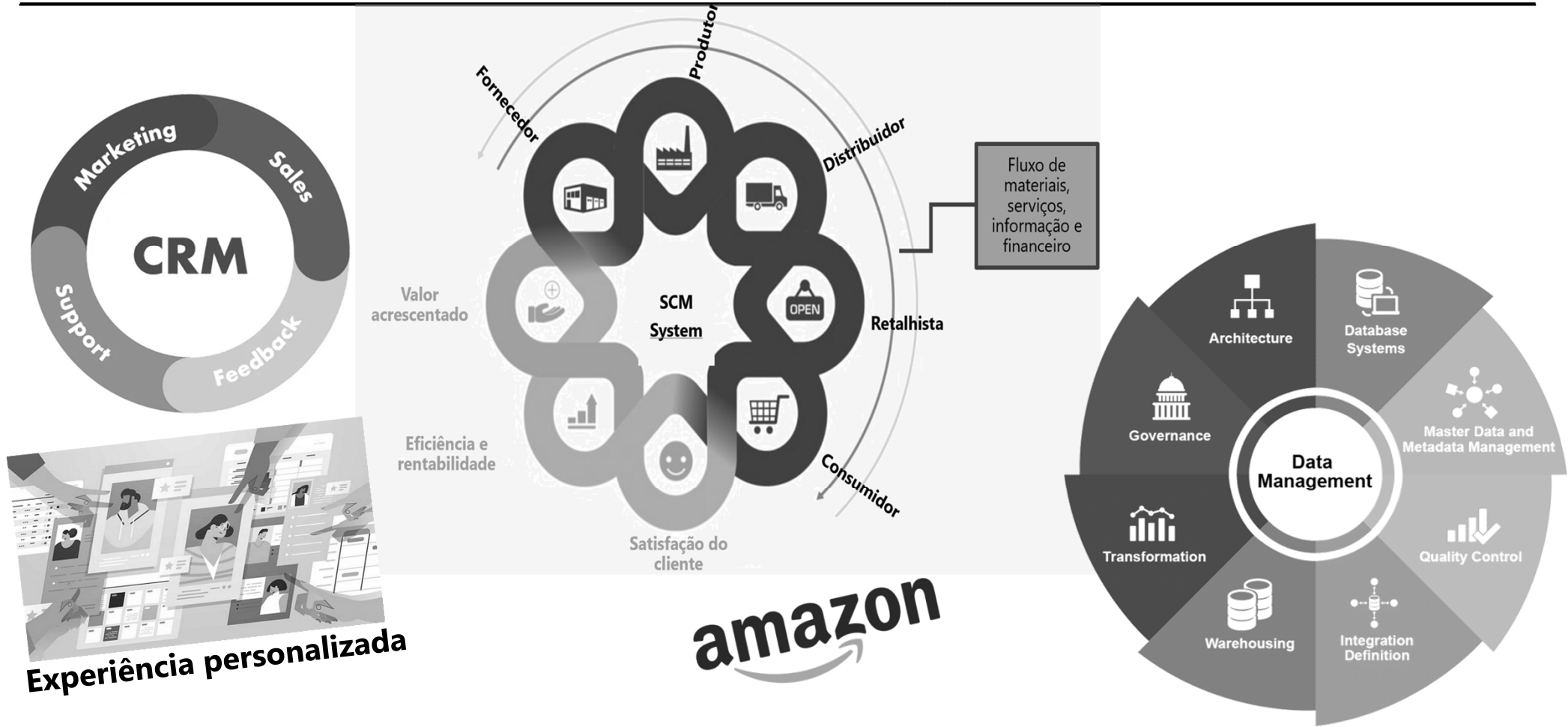


Web 3.0

As máquinas “aprendem” a entender o conteúdo dos documentos.



Web 3.0



Pergunta 6 – 25 pontos

Descubra os nomes do browsers, baseados na Web 3.0, que têm os seguintes logotipos:



OSIRIS Browser
ENVISION WEB 3.0



Opera

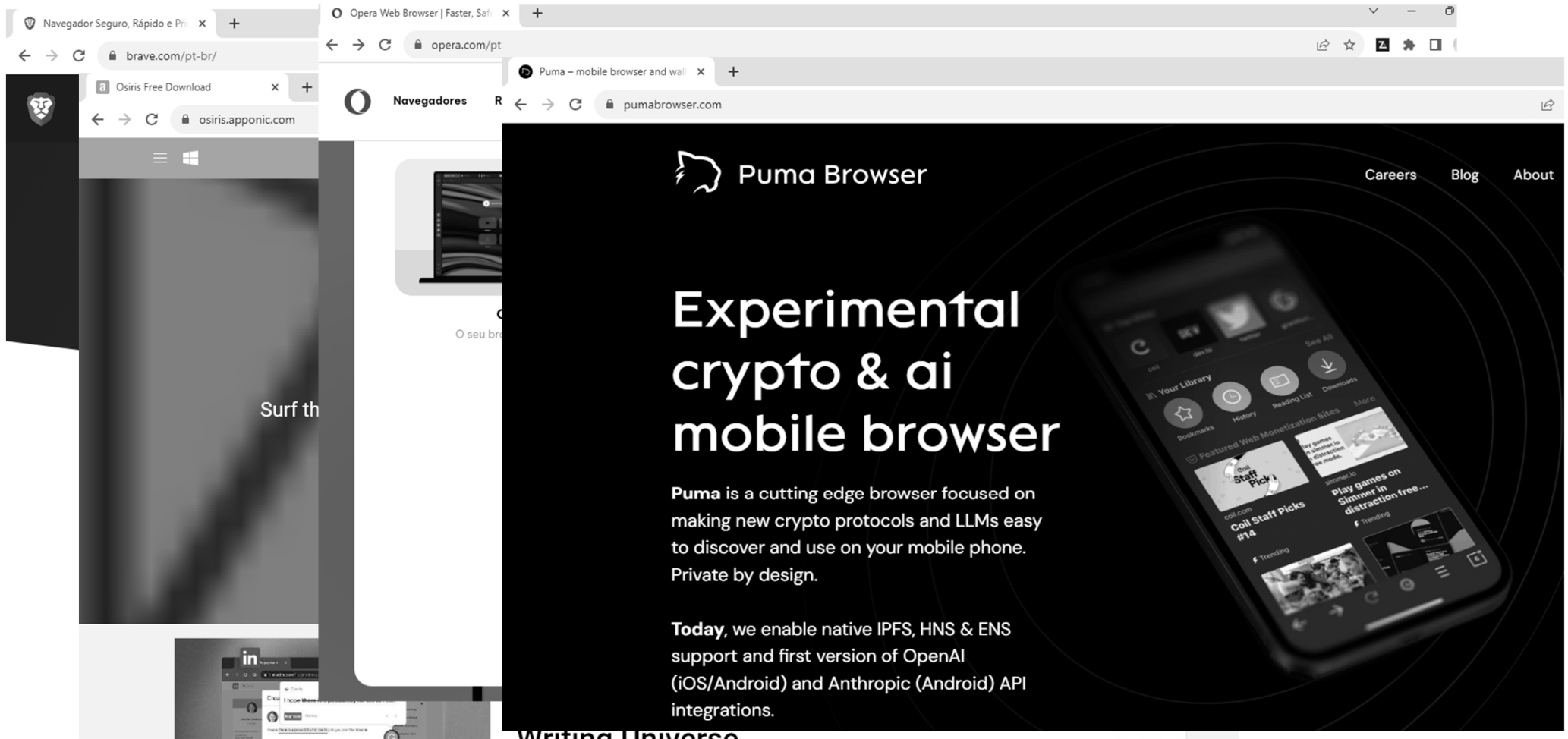


Pergunta 6 – 25 pontos

Descubra os nomes do browsers, baseados na Web 3.0, que têm os seguintes logotipos:



Pergunta 6 – 25 pontos



The image is a collage of web browser windows and a large advertisement for Puma Browser. The background shows several browser tabs and windows, including Brave (brave.com/pt-br/), Opera (opera.com/pt), and Puma (pumabrowser.com). The Puma Browser advertisement is the central focus, featuring a dark background with a smartphone displaying the Puma Browser interface. The text on the advertisement reads:

Puma Browser

Careers Blog About

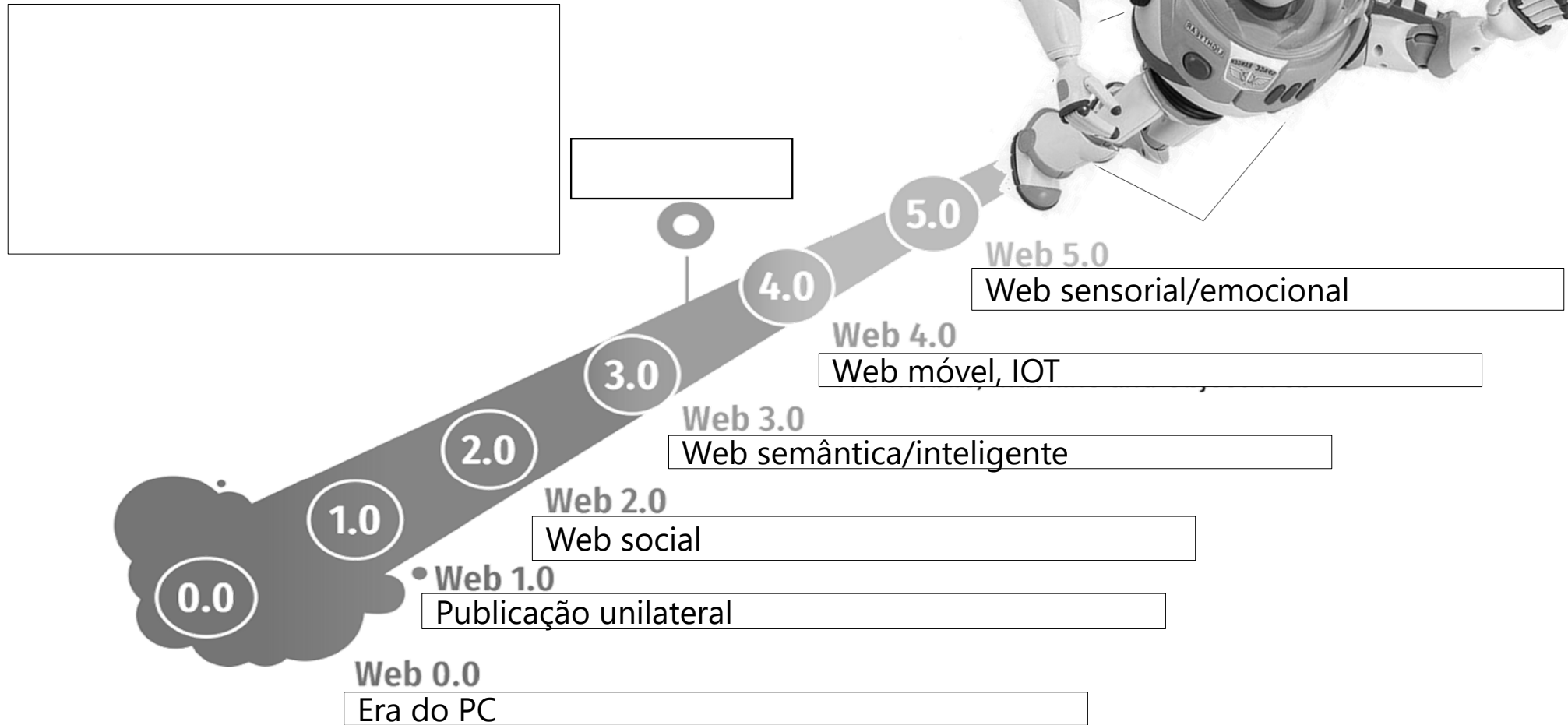
Experimental crypto & ai mobile browser

Puma is a cutting edge browser focused on making new crypto protocols and LLMs easy to discover and use on your mobile phone. Private by design.

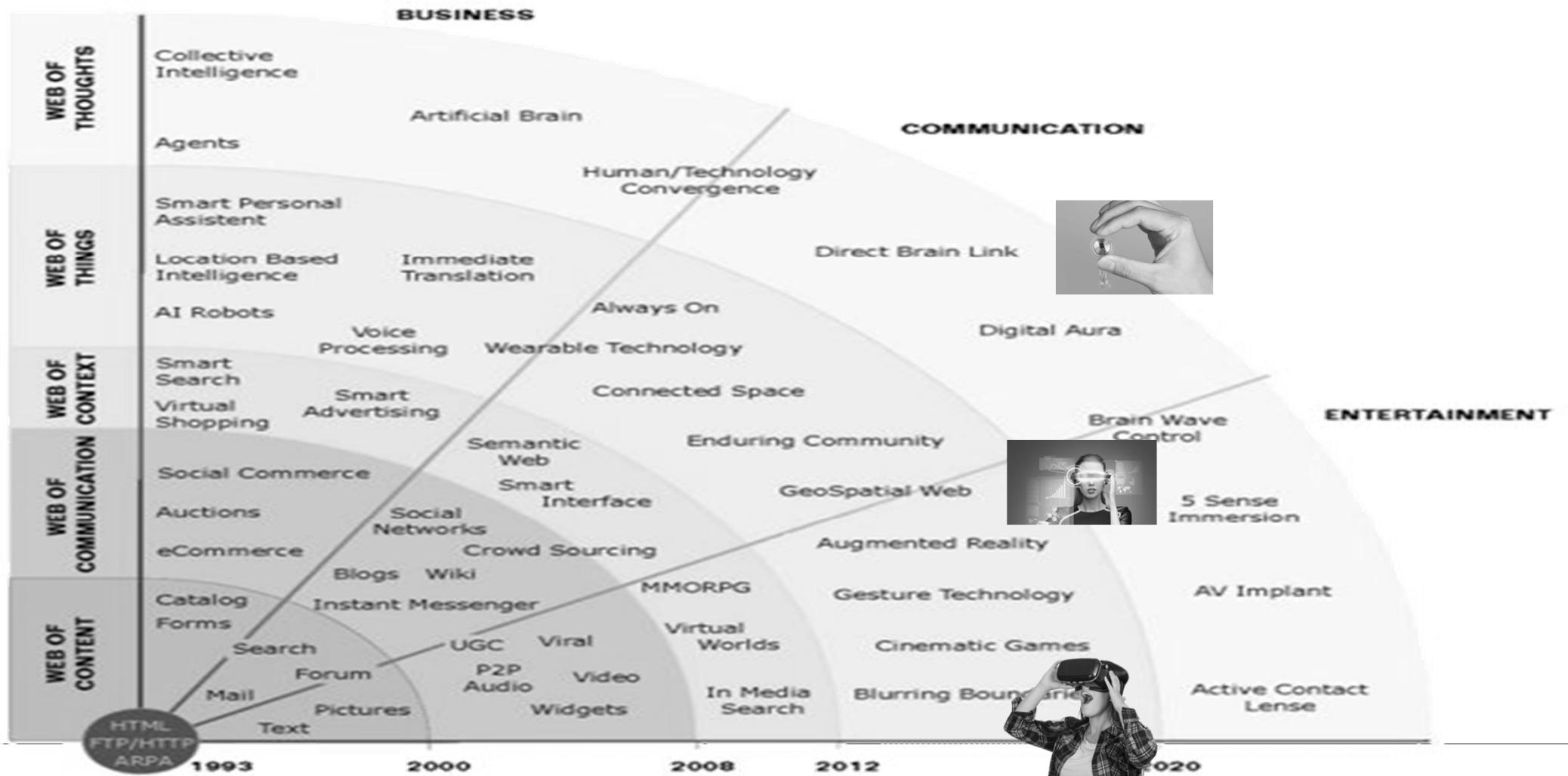
Today, we enable native IPFS, HNS & ENS support and first version of OpenAI (iOS/Android) and Anthropic (Android) API integrations.

Writing Universe

Para o infinito e mais além!



Fases da evolução da WEB



Fases da evolução da WEB

Aula 18

40

POPULAR MECHANICS

HOME

LATEST STORIES

SCIENCE

MILITARY

POP MECH PRO

NEW TECH

SUBSCRIBE

SIGN IN

PC MAG

#BestBlackFridayDeals

#UltimateHolidayGiftGuide

Best Products

Comparisons

Reviews

How-To

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The Best Smart Glasses You'll Actually Want to Wear

They may look like ordinary eyewear, but these futuristic frames are transforming how we interact with the world.

BY BRANDON RUSSELL AND HUNTER FENOLLOL Updated: AUG 06, 2024 3:18 PM EDT

JUMP TO PRODUCTS


SAVE ARTICLE



Home > Best Products > VR

The Best VR Headsets for 2024

Immerse yourself in new worlds with the best standalone and tethered virtual reality headsets we've tested.



By Will Greenwald

Updated November 5, 2024

f

LOOK INSIDE PC LABS: [HOW WE TEST](#)

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42 YEARS

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Our team tests, rates, and reviews more than 1,500 products to help you make better buying decisions and get more from your purchases.

Table of Contents

PCMag has covered virtual reality since the original [Oculus Rift Development Kit](#) launched more than a decade ago. From then on, we've tested every major VR headset, including experimental AR devices like [Google Glass](#) and the Microsoft HoloLens (not to mention the growing variety of [smart glasses](#)). These days, there are headsets in every shape, size, and price, from the entry-level, wire-free Meta Quest 3S, to the PC-tethered Valve Index, to the class-leading Apple Vision Pro. We've thoroughly tested these models, evaluating them for their graphical capabilities, motion tracking, software library, comfort, user experience, and value. Read on for our top picks, followed by

Fases da evolução da WEB

IGI Olfactory Display Based on Ink Jet Printer Mechanism

igi-global.com/chapter/olfactory-display-based-ink-jet/71936

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Olfactory Display Based on Ink Jet Printer Mechanism and Its Presentation Techniques

Sayumi Sugimoto, Kenichi Okada

Source Title: Human Olfactory Display
Copyright: © 2013 Pages: 14
DOI: 10.4018/978-1-4666-2521-1.ch01

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Abstract
Considering the recent increase of interest in the transmission of olfactory display, based on an inkjet printer mechanism, which emits scent emissions of scents. By using pulse emission, the authors achieved human inspiration. Such synchronization is important because humans' emission, the authors measured various human olfactory characteristics to switch scents rapidly. This chapter introduces details about the olfactory display.

Background
Research on the transmission of olfactory information together with audio developing Sensorama, the first Virtual Reality (VR) system presenting ("Friend Park," developed by Tominaga *et al.* (2001), provides users with environment, where the aroma is defined as the area in which a scent is emitted. Kaye (2004) describes several systems that add scents to Web content, and Osmonova (2011) are utilized in these systems. Another type of olfactory display is based on an inkjet printer mechanism, which emits scent emissions of scents. By using pulse emission, the authors achieved human inspiration. Such synchronization is important because humans' emission, the authors measured various human olfactory characteristics to switch scents rapidly. This chapter introduces details about the olfactory display.

Diagram:

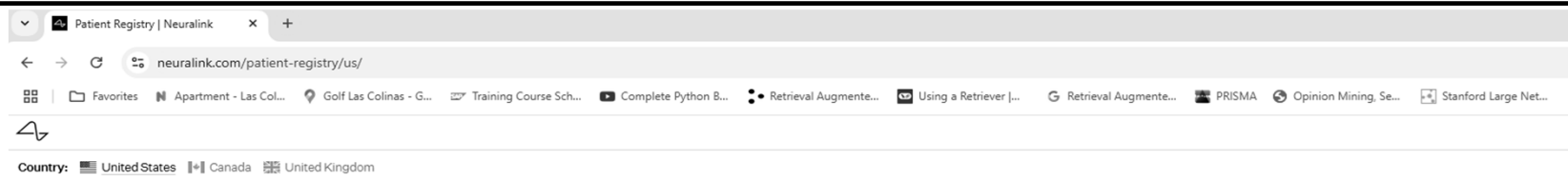
The diagram illustrates the process of creating an olfactory display. It starts with a 'Stiff bioink' and a 'Chondrocyte cell-laden Soft bioink'. These are combined and printed using an inkjet printer mechanism. The resulting structure is a 'Bionic Nose with Augmented Olfactory Retention'. This structure is composed of a 'Soft hydrogel (Nasal Cartilage ECM-mimetic)' and a 'Stiff hydrogel (Structural Integrity)'. The bionic nose is used to detect 'Natural odors', 'Airborne pathogens', and 'Odorless explosives'. The system also includes a 'Lable-free EIS-based biosensor' and a 'TNT-specific receptor'.

Legend:

- PEG
- Gelatin
- High density GelMA
- Low density GelMA
- Chondrocyte cell



Fases da evolução da WEB



Join Neuralink's Patient Registry

If you're interested in learning whether you may qualify for current and/or future Neuralink clinical trials, consider joining our Patient Registry.

If you have limited or no ability to use both hands due to cervical spinal cord injury or amyotrophic lateral sclerosis (ALS) you may qualify for the PRIME Study.

[Start Your Application ↗](#)

Current U.S. Clinical Trials

Neuralink's PRIME Study



Resumo



A Internet não é sinónimo de WWW e tal como a Internet, a WWW teve vários estádios ao longo do tempo.



Cada uma das fases da Web ainda podem coexistir nos dias de hoje, pelo que as fases não são mutuamente exclusivas.



Cada fase proporciona capacidades de implementar e potenciar negócios, bem como o seu desenvolvimento, entendimento e complexidade.