



Pemrograman Web

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Pemrograman Web : 3 SKS

Kehadiran 5%

UTS : 25%

Tugas & Quiz : 40%

UAS : 30%

Persyaratan Skill:

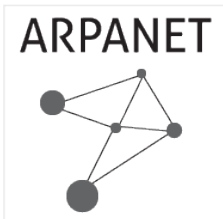
- Mampu mengoperasikan Komputer

Pengantar Web Programming

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web & technology milestone

1969 – Internet Lahir
ARPANET Project



1989 – 20 thn kemudian
mulai hadirnya Website ,
1991 linux hadir



1994 – Netscape,
yahoo, amazon, w3c diluncurkan,
tanda “at” @ mulai dikenal,
1995 java hadir



1997 – Menurut Majalah Time
Domain name mencapai 1juta,
1998 google didirikan



2000 – PHP 4.0 rilis,
Bahasa pemrograman
u/ pengembangan Web,
2001 : Wikipedia, drupal : diluncurkan
2002 : wifi mulai dikenal



Today : sekitar 1 milyar lebih
website live di internet

2012 – booming social media
& Big Data

2013 – Docker Technology

2014 – Material Design diperkenalkan,

2015 – PHP 7 release

2015- JavaScript 6 (ES6)



2009 – RWD diperkenalkan,
2009 – cloud computing take off,
Github.com dirilis,
DevOps : Colloborative Development
2009 – Node.js diperkenalkan

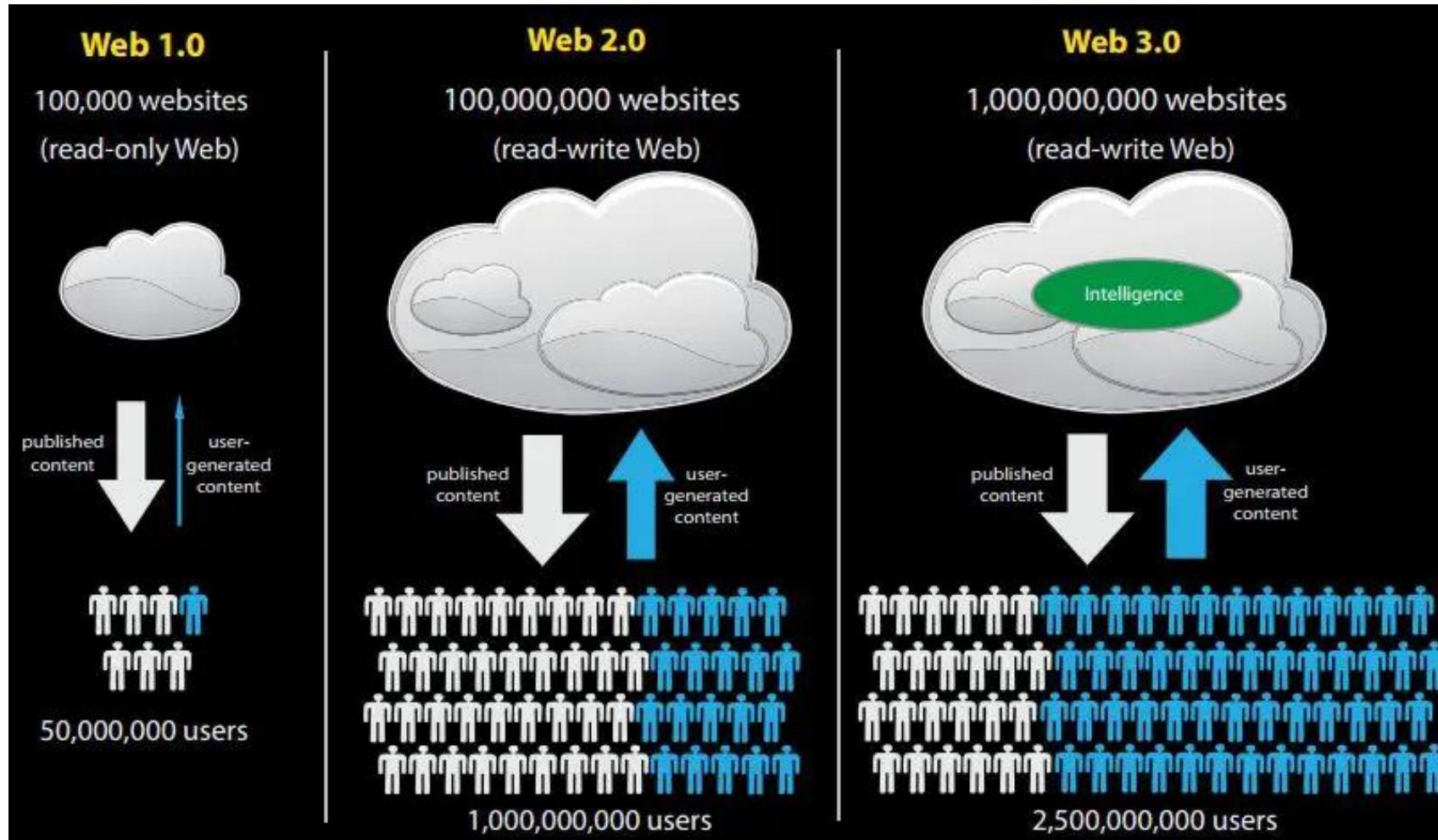


2007 : iphone 1 rilis ,
2008 : android &
google map rilis
mobile development



2004, web 2.0 summit,
Facebook diluncurkan, 2005: youtube
2006: twitter

www : generasi world wide web



<https://blockgeeks.com/guides/web-3-0/>

www : generasi world wide web

Web 1.0 / 2.0 / 3.0 Summary

Crawl	Walk	Run
Web 1.0	Web 2.0	Web 3.0
Mostly Read-Only	Wildly Read-Write	Portable & Personal
Company Focus	Community Focus	Individual Focus
Home Pages	Blogs / Wikis	Lifestreams / Waves
Owning Content	Sharing Content	Consolidating Content
Web Forms	Web Applications	Smart Applications
Directories	Tagging	User Behavior
Page Views	Cost Per Click	User Engagement
Banner Advertising	Interactive Advertising	Behavioral Advertising
Britannica Online	Wikipedia	The Semantic Web
HTML / Portals	XML / RSS	RDF / RDFS / OWL

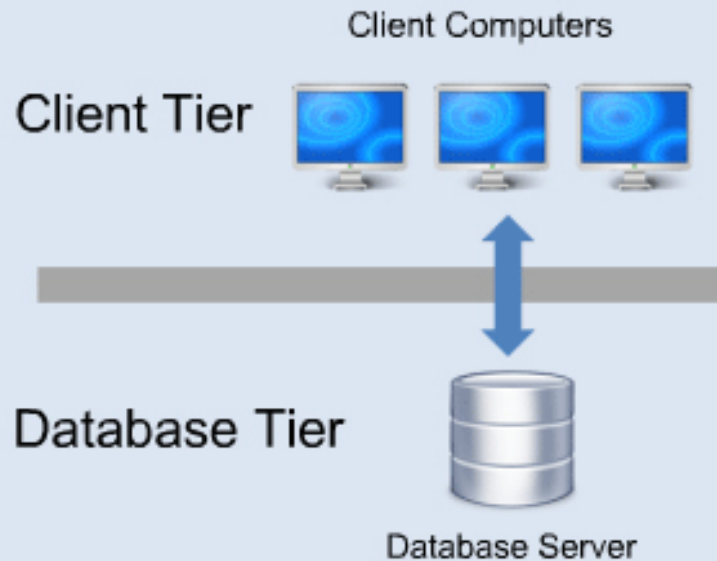
<https://flatworldbusiness.wordpress.com/flat-education/previously/web-1-0-vs-web-2-0-vs-web-3-0-a-bird-eye-on-the-definition/>

Arsitektur Lapisan Aplikasi

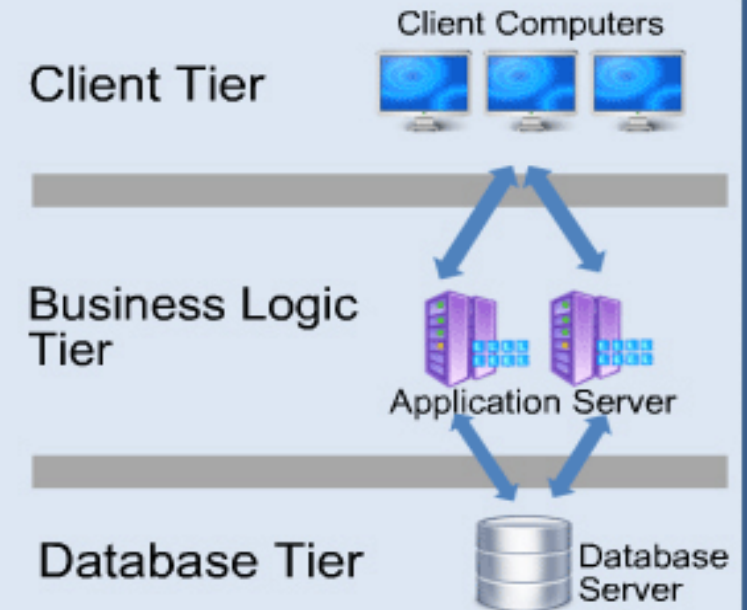
1-Tier Architecture



2-Tier Architecture

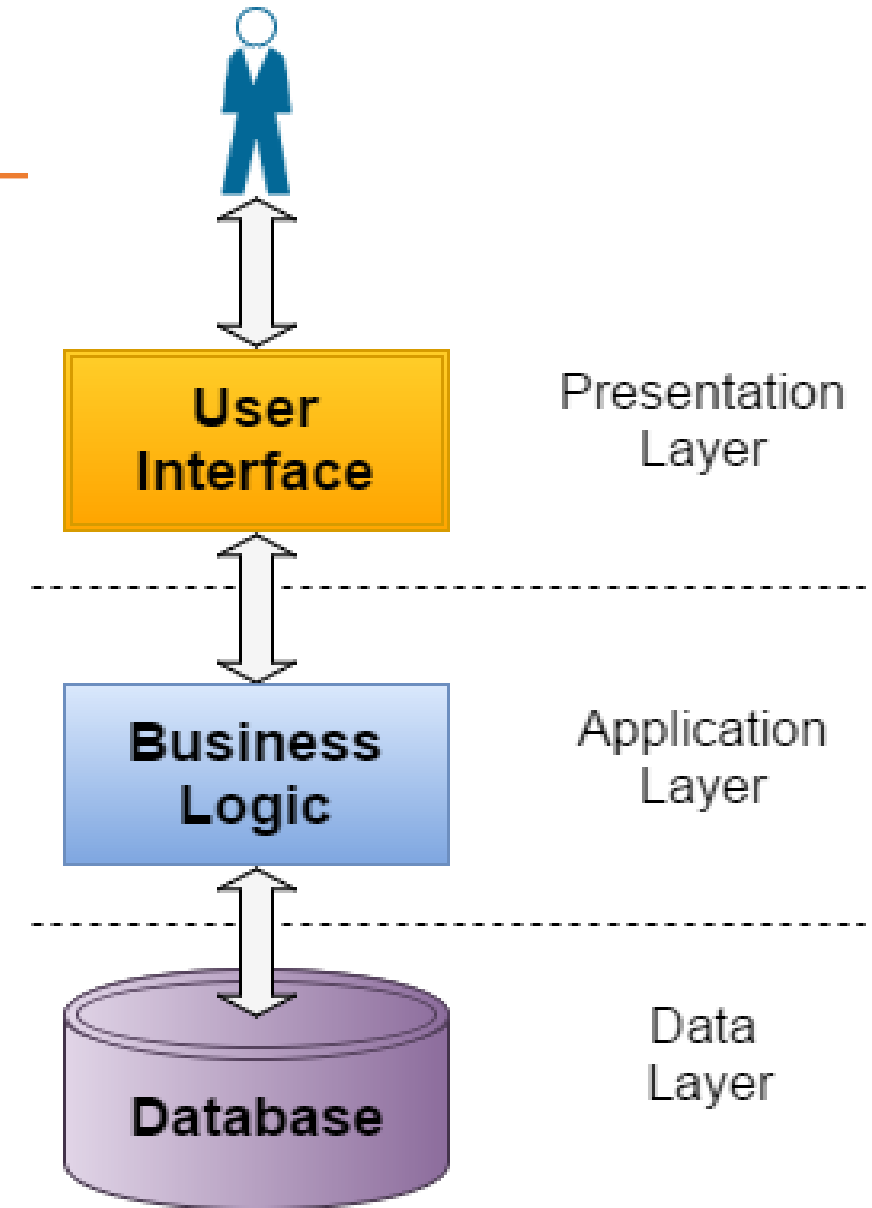


3-Tier Architecture



3-Tier Architecture

- ✚ Presentation Layer :
UI/UX (User Interface/User Experience) :
Antar muka aplikasi
- ✚ Application Layer :
BL (Business Logic) : Logika bisnis aplikasi
- ✚ Data Layer :
DB (Database) : Penyimpanan data aplikasi



- Jelaskan perbedaan teknologi Web 1.0 , 2.0 , 3.0 dan x.0 , dan berikan contoh masing-masing dari teknologi web yang dimaksud?
- Sertakan referensi dari penjelasan anda !!
- Format tulisan ilmiah anda dapat di unduh di elen !!

Sumber:

- Web Development 2017 : channel youtube:
<https://www.youtube.com/watch?v=9hDKfBKuXjI>