



PEMROGRAMAN WEB

Indra Gunawan, ST., M.Kom., CEH., CHFI

Curriculum Vitae

- **Pendidikan :**

- S1 Teknik Informatika, Minat Studi Kecerdasan Buatan, 2007, Universitas Islam Indonesia Yogyakarta
Skripsi : Membuat Aplikasi Algoritma Genetika utk menyelesaikan Knapsack Problem menggunakan Vb.Net
- S2 Teknik informatika, Minat Studi Digital Forensic, 2014, Cumlaude, Universitas Islam Indonesia Yogyakarta
Thesis : Membangun Aplikasi I-Polink (Indonesian Police Link) yaitu Knowledge Management untuk membantu investigasi forensika digital pada Laboratorium Digital Forensic Mabes Polri.

- **Pengalaman Kerja :**

- Software Konsultan +- 4 tahun, 2011, Jakarta dan Batam, telah melakukan implementasi di +- 30 an perusahaan di Jakarta, Bandung, Denpasar, Pekanbaru dan Batam.
- Founder of Ex-java Technologies, 2011-2012, Batam, mempunyai client di pemerintahan, perusahaan lokal maupun perusahaan asing di Batam.

- **International Certification:**

- Computer Ethical Hacking, ECCouncil.
- Computer Hacking Forensic Investigator, ECCouncil.
- Cisco Networking Academy Program, Cisco.

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- Modul silahkan download di KelasOnline/Elearning

ATURAN DAN PENILAIAN

Syarat Ujian UTS : Kehadiran 50%

Syarat Ujian UAS : Kehadiran 50%

Range Nilai :

86 - 100 = A

71 - 85 = B

56 - 70 = C

41 - 55 = D

≤ 40 = E

Unsur Penilaian :

- Kehadiran : 20%
- Tugas : 30%
- UTS : 25%
- UAS : 25%

REFERENSI

- http://www.w3schools.com/website/web_host_intro.asp

OUTLINE MATERI

- 1. Introduction
- 2. Server-side & Client-side programming
- 3. HTML Language
- 4. CSS Cascading Style Sheets
- 5. CSS vs Framework CSS
- 6. PHP Personal Home Page
- 7. PHP vs Framework PHP

- 8. CodeIgniter PHP Framework
- 9. RDBMS MYSQL
- 10. CMS Content Management System
- 11. Security Threats
- 12. Securing www
- 13. Web Server
- **14. Hosting & Implementation**

WEBHOSTING

- **DEFINITION**

- **What is the World Wide Web?**

- The Web is a network of computers all over the world
- All the computers in the Web can communicate with each other
- All the computers use a communication protocol called HTTP

- **How does the WWW work?**

- Web information is stored in documents called **web pages**
- Web pages are files stored on computers called **web servers**
- Computers reading the web pages are called **web clients**
- Web clients view the pages with a program called a **web browser**
- Popular browsers are **Google Chrome, Firefox, and Internet Explorer**

WEBHOSTING

- **DEFINITION**
- **How does a Browser Fetch a Web Page?**
 - A browser fetches a page from a web server by a request
 - A request is a standard HTTP request containing a page address
 - An address may look like this: <http://www.example.com/default.htm>
- **How does a Browser Display a Web Page?**
 - All web pages contain instructions for display
 - The browser displays the page by reading these instructions
 - The most common display instructions are called **HTML tags**
 - HTML tags look like this `<p>This is a paragraph.</p>`

WEBHOSTING

- **DEFINITION**

- **What is a Web Server?**

- The collection of all your web pages is called **your web site**
- To let others view your web pages, you must publish **your web site**
- To publish your work, you must copy your site to a web server
- Your own PC can act as a web server if it is connected to a network
- Most common is to use an Internet Service Provider (ISP)

- **What is an Internet Service Provider?**

- ISP stands for Internet Service Provider
- An ISP provides Internet Services
- A common Internet service is web hosting
- Web hosting means storing your web site on a public server
- Web hosting normally includes email services
- Web hosting often includes domain name registration

WEBHOSTING

- **Summary**

- If you want other people to view your web site, you must copy your site to a public server.
- Even if you can use your own PC as a web server, it is more common to let an Internet Service Provider (ISP) host your site.
- Included in a Web hosting solution you can expect to find domain name registration and standard email services.

WEBHOSTING

- **THE WORLD'S BEST WEB HOSTING SERVICES**

1. Dreamhost
2. Hostgator
3. Bluehost
4. Linode
5. A Small Orange

- **THE BEST INDONESIAN WEB HOSTING SERVICES**

1. Masterweb.net alias Masterweb.com
2. IDwebhost.com
3. Rumahweb.com
4. Jagoanhosting.com
5. Ardhosting.com

WEBHOSTING

STEPS TO HOSTING

1. Choose a Domain Name
2. Buy a hosting package
3. Upload your file
4. Configure your website

WEBHOSTING

- **THINGS YOU MUST KNOW BEFORE BUY A HOSTING PACKAGE**

- a) Understand the types of hosting.
 1. Shared hosting
 2. Collocated hosting
 3. Unmanaged dedicated hosting
 4. Managed dedicated hosting
 5. VPS
- b) Server Location
- c) Bandwith
- d) Hardware Spesification
- e) Hardrive Space.
- f) Control Panel.

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