

PENGEMBANGAN PERANGKAT LUNAK



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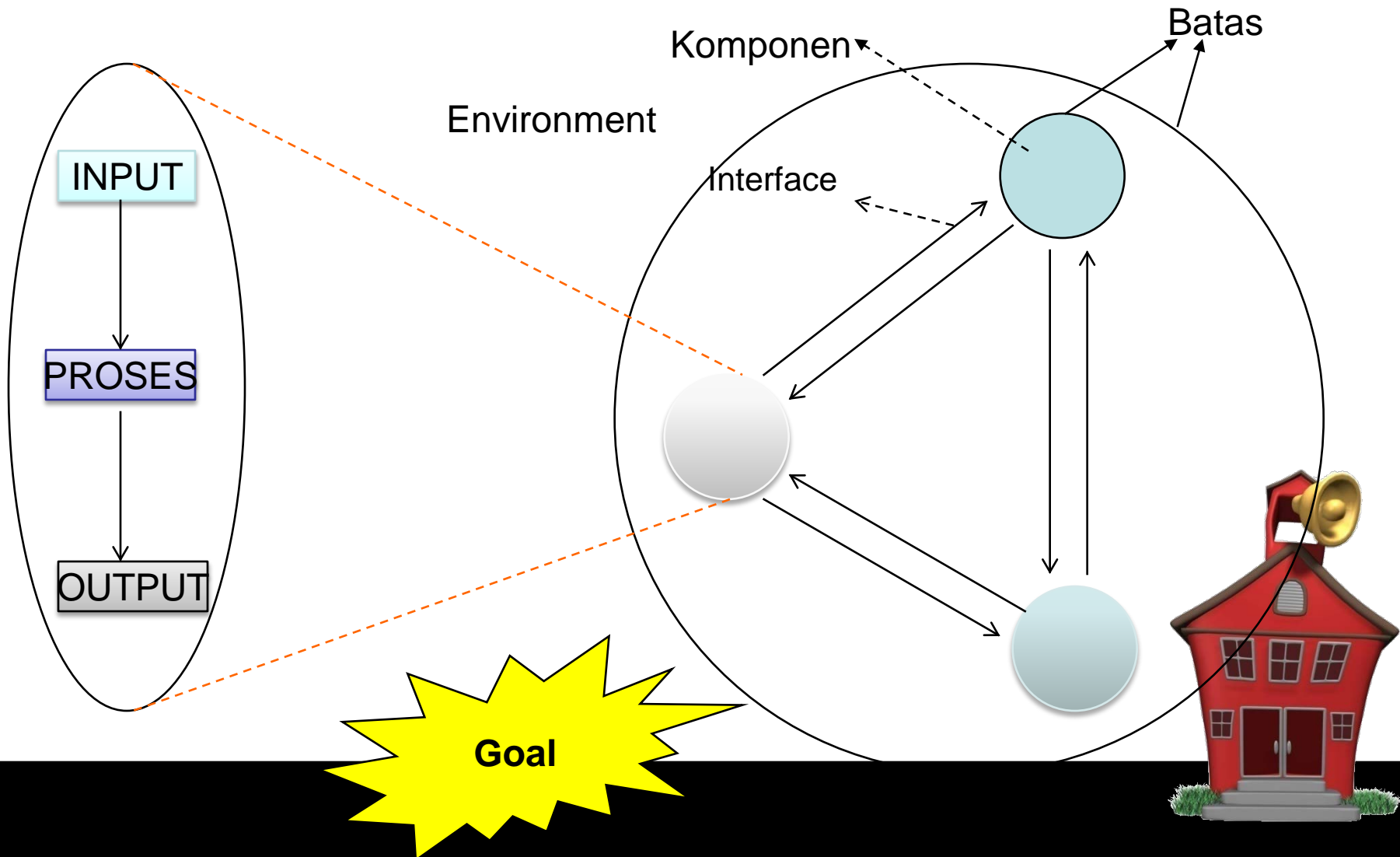
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SISTEM

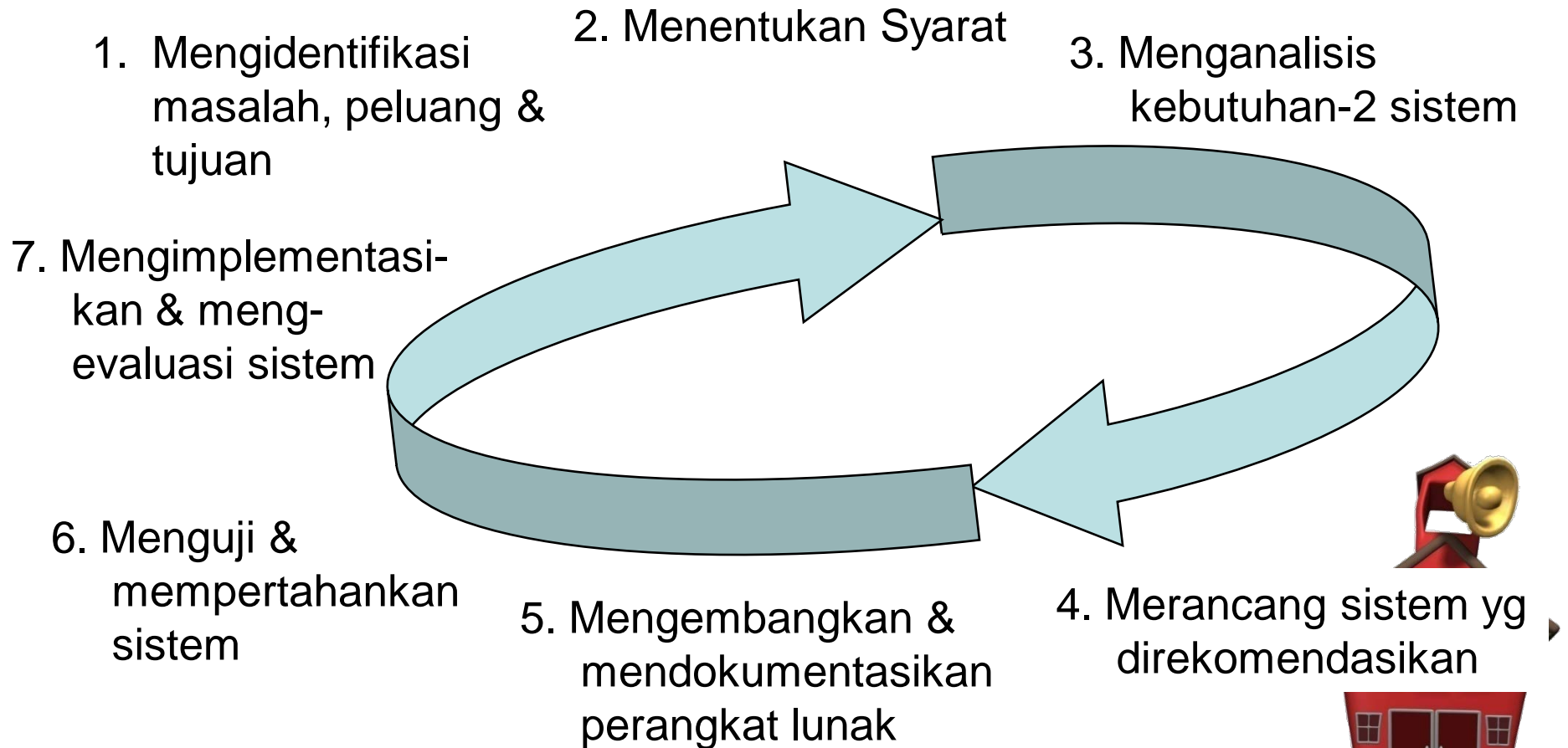
Suatu kesatuan yang terdiri dari dua atau lebih *komponen* yang saling *berinteraksi* untuk mencapai suatu *tujuan* tertentu.



Karakteristik Sistem



System Development Life Cycle



Sumber: Kendall & Kendall, *Systems Analysis And Design*

Contoh Aplikasi Database

- **Perbankan :** informasi nasabah, rekening, pinjaman, transaksi perbankan
- **Penerbangan :** reservasi dan jadwal

The screenshot displays the Ryanair website interface within a Microsoft Internet Explorer browser window. The page features a navigation menu with categories like HOME, TRAVEL QUESTIONS, DESTINATIONS, LATEST NEWS, ABOUT US, HOTELS, APARTMENTS, CAR HIRE, and SKI. A prominent yellow banner advertises '2 MILLION SEATS FROM £0.79 ONE WAY ONLY'. Below this, there are two tables of flight prices from London (Luton and Stansted) to various destinations. The website also includes a 'BOOK NOW' section with a flight search form and several promotional banners for hotels and broadband services.

BOOK NOW

Return One Way

Select Your Journey

Origin:

Destination:

Depart Date: 14 Feb 2006

Return Date: 14 Feb 2006

Number of Passengers:

- 1 Adults
- 0 Children (under 16 years)
- 0 Infants (under 2 years)

[Search for Flights](#)

[Change/reconfirm flight](#)

[Terms & Conditions](#)

[Flight Information](#)

2 MILLION SEATS FROM £0.79 ONE WAY ONLY

[CLICK HERE FOR RYANAIR'S NEW DEAL FOR PASSENGERS](#)

- Ryanair & Dispatches... The Truth
- Are you booking with a Ryanair.com credit card? If not Click Here

Fly From London (Luton)

Fares are exclusive of taxes fees & charges which do not exceed £15.10

	from	from	from		
Venice (Treviso)	0.89	Nîmes	0.89	Knock	0.99
Dublin	0.89	Girona (Barcelona)	0.89	Rome (Ciampino)	1.89
Reus (Barcelona)	0.89	Brest NEW	0.89	Shannon	2.99
Milan (Bergamo)	0.89	Stockholm (VST)	0.89	Murcia (Alicante)	8.89

Fly From London (Stansted)

Fares are exclusive of taxes fees & charges which do not exceed £15.20

	from	from	from		
Altenburg (Leipzig)	0.79	Almeria	0.79	Kenya	0.79

HOTELS

Travel Insurance
Overseas Property
Gift Vouchers
Credit Card
Hostels
B&B's
Special offers
Tourism Ireland
Airport Coach

Wireless BT Broadband NOW from just £14.99 a month for first 3 months via cashback

DISCOUNT HOTELS
All Ryanair

Contoh Aplikasi Database

- **Jasa Paket** : tarif paket, tracking paket

Indonesia Home [Customer Service](#)

FedEx
Express

Ship **Track** Transit Time Locations Supplies Customs Tools

[About FedEx](#) | [Service Info](#) | [Careers](#) | [eBusiness](#) | [Tools for Shipping](#)

Track Shipments [Printable Version](#) [Quick Help](#)

Detailed Results

Tracking number	710627492483	Destination	YOGYAKARTA ID
Ship date	Sep 27, 2005	Service type	INTL Economy
Estimated delivery	Oct 4, 2005 6:00 PM	Weight	17.0 lbs.
Status	Departed FedEx location		

Date/Time	Activity	Location	Details
Sep 29, 2005	12:22 PM	Departed FedEx location	ANCHORAGE, AK
	9:02 AM	Arrived at FedEx location	ANCHORAGE, AK
Sep 28, 2005	10:33 PM	Departed FedEx location	MEMPHIS, TN
	3:29 PM	In transit	MEMPHIS, TN
	9:28 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 27, 2005	8:40 PM	Left origin	LONGWOOD, FL
	4:05 PM	Picked up	LONGWOOD, FL
	2:52 PM	Package data transmitted to FedEx	LONGWOOD, FL

[Email results](#) [Track more shipments](#)

Subscribe to tracking updates (optional)

Internet

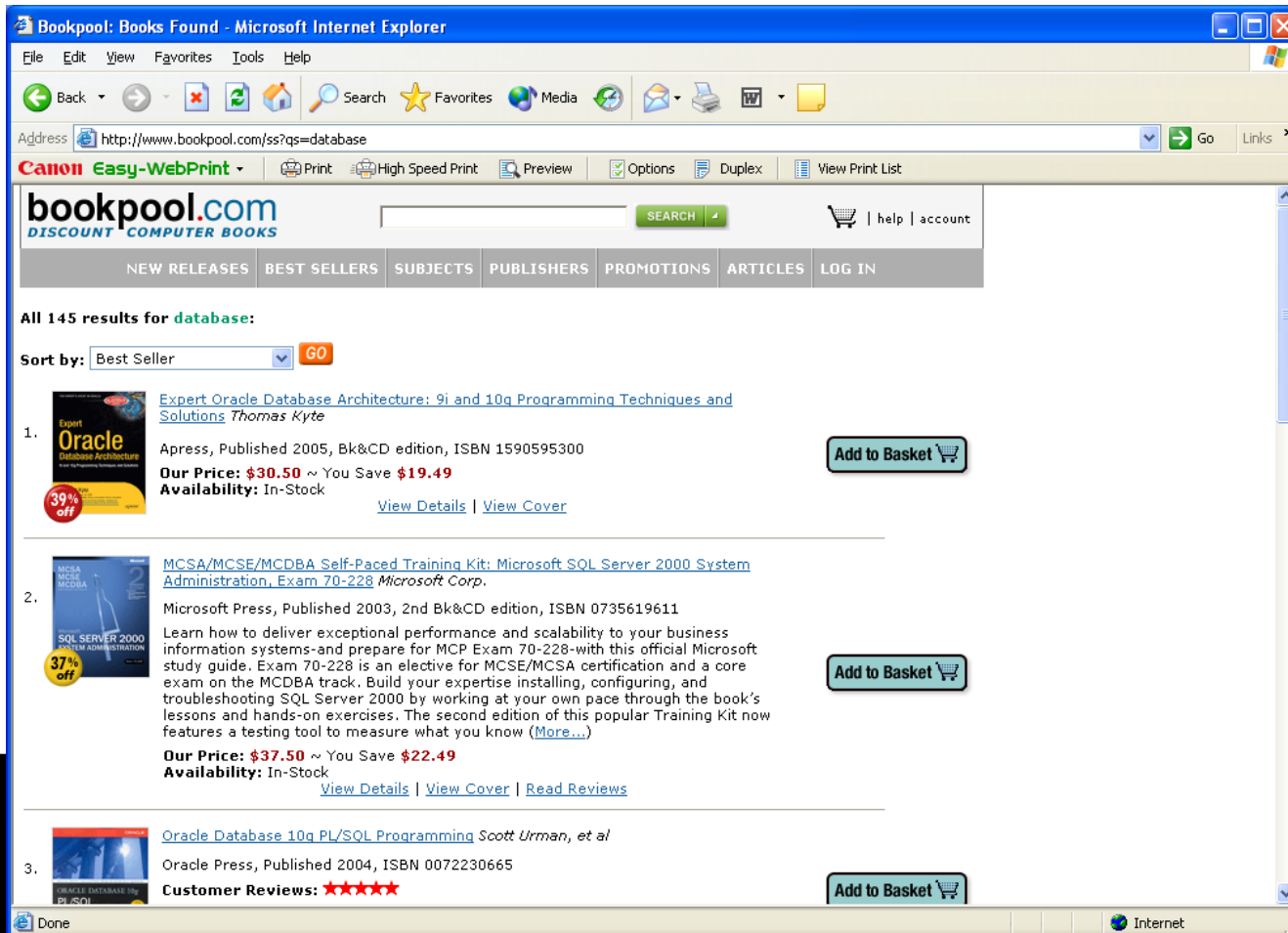
Contoh Aplikasi Database

- **Universitas** : Informasi mahasiswa, registrasi matakuliah, daftar nilai
- **Sumber Daya Manusia**: Informasi pegawai, riwayat pekerjaan, gaji, dan pelatihan
- **Telekomunikasi**: Tarif SLJJ, tagihan bulanan, saldo kartu prabayar



Contoh Aplikasi Database

- Toko Buku : Daftar buku, riwayat pembelian



The screenshot shows a Microsoft Internet Explorer browser window displaying the Bookpool.com website. The address bar shows the URL <http://www.bookpool.com/ss?qs=database>. The website header includes the Bookpool.com logo, a search bar, and navigation links for help and account. Below the header, there are menu items for New Releases, Best Sellers, Subjects, Publishers, Promotions, Articles, and Log In. The main content area displays search results for 'database', showing 145 results. The results are sorted by 'Best Seller'. Three books are listed:

- Expert Oracle Database Architecture: 9i and 10g Programming Techniques and Solutions** by Thomas Kyte. Published by Apress in 2005. ISBN 1590595300. Price: \$30.50 (39% off). Availability: In-Stock. [View Details](#) | [View Cover](#) [Add to Basket](#)
- MCSA/MCSE/MCDBA Self-Paced Training Kit: Microsoft SQL Server 2000 System Administration, Exam 70-228** by Microsoft Corp. Published by Microsoft Press in 2003. ISBN 0735619611. Price: \$37.50 (37% off). Availability: In-Stock. [View Details](#) | [View Cover](#) | [Read Reviews](#) [Add to Basket](#)
- Oracle Database 10g PL/SQL Programming** by Scott Urman, et al. Published by Oracle Press in 2004. ISBN 0072230665. Customer Reviews: ★★★★★ [Add to Basket](#)



Contoh Aplikasi Database

- Perpustakaan
- Supermarket
- Kartu Kredit
- Agen Perjalanan
- Ensiklopedia



TUGAS 1

- a. Instal oracle database 10g
- b. Instal Power designer 6
- c. Baca dan pelajaran materi di blog, {Catatan Instalasi}



Terima Kasih atas Perhatiannya



“Kuliah dan LULUS dengan Nilai Bagus itu wajar, karena setiap mahasiswa punya hak yang sama yaitu LULUS dengan nilai terbaik”





***Mahasiswa itu.....Rahmat,
maka aku sanggup menjadi
mahasiswa yang
tulus ,tuntas, serius, dan unggul.***

