

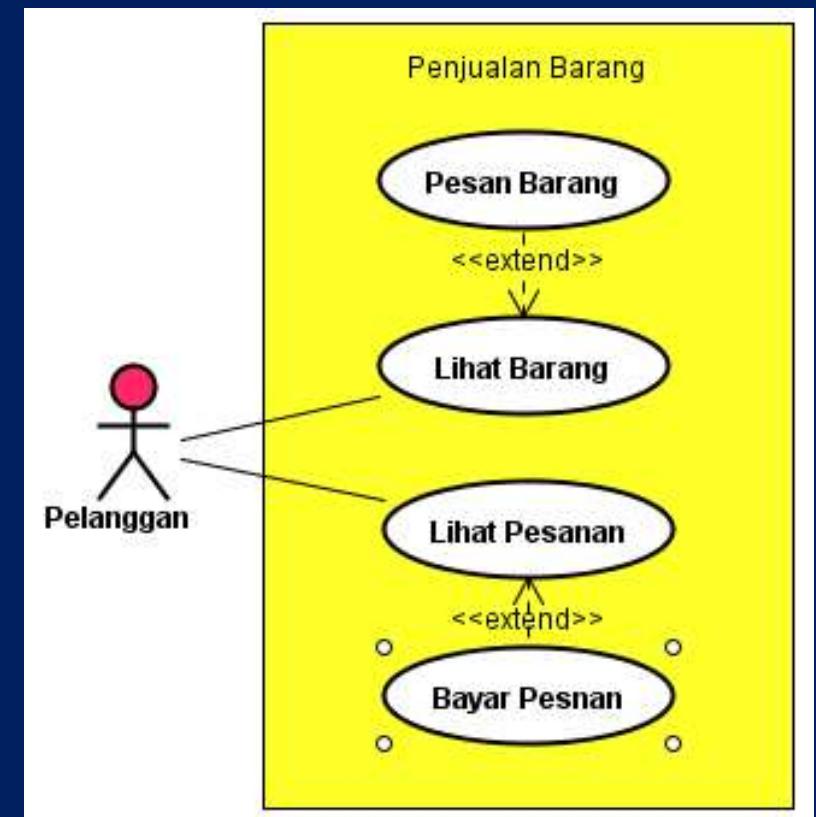
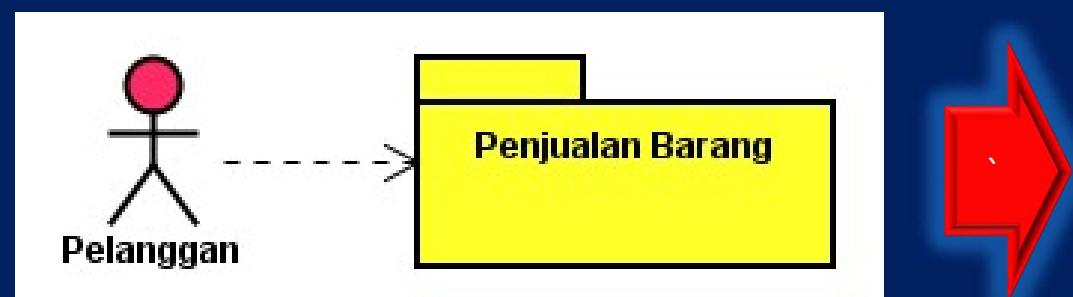


Nasrul, S.Pd.I, S.Kom, M.Kom
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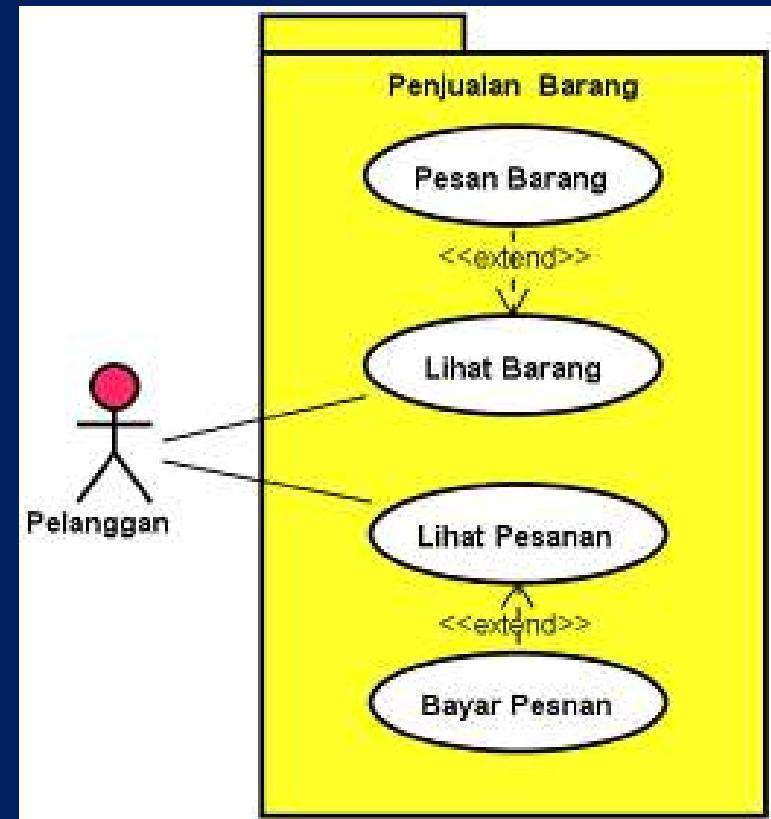
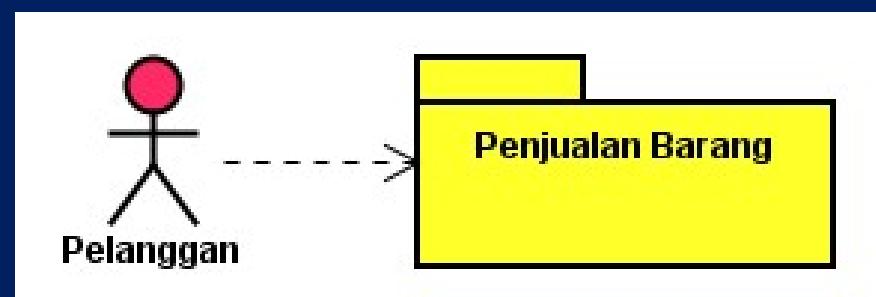
Memanfaatkan Use Case Package Diagram

Mengemas
Functional Requirement Sistem
Yang Rumit
Dengan Memanfaatkan
Use Case Package Diagram
Sehingga Lebih Sederhana
&
Lebih Mudah Dipahami & Dimengerti

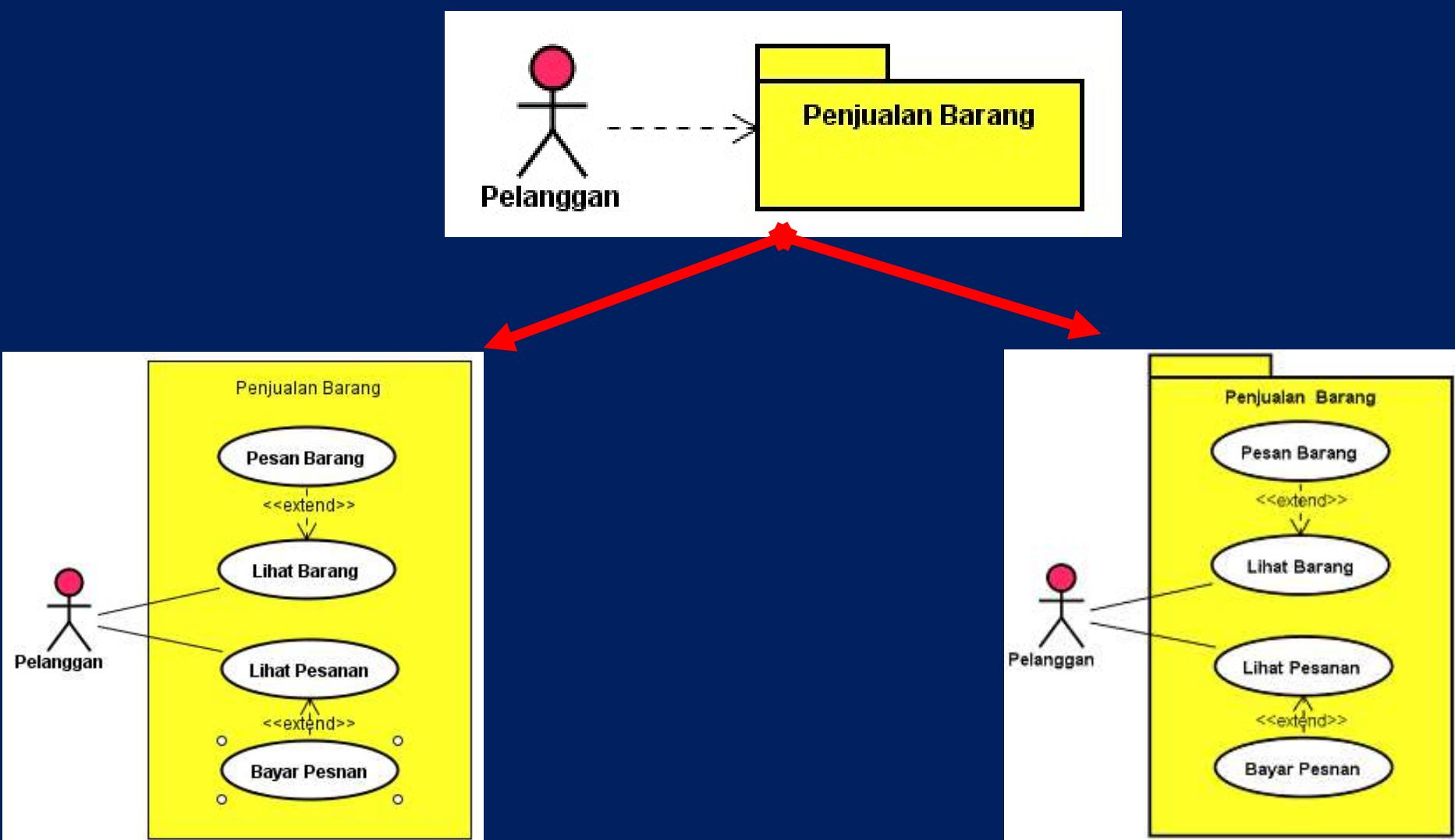
Memanfaatkan Use Case Package Diagram

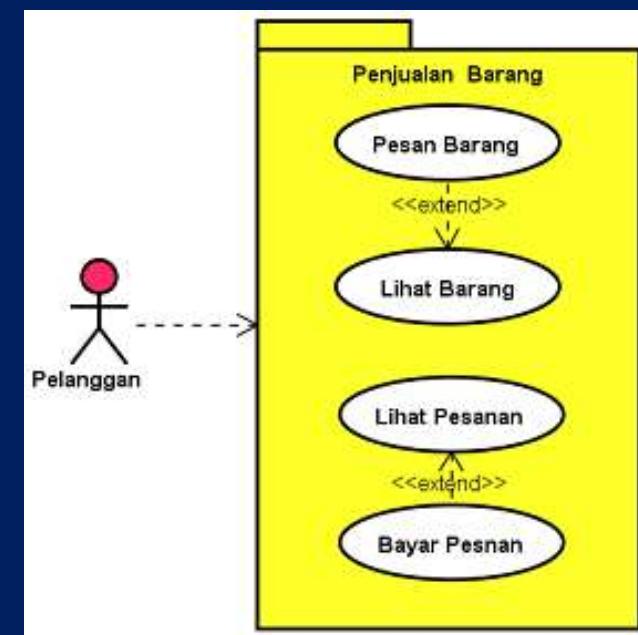
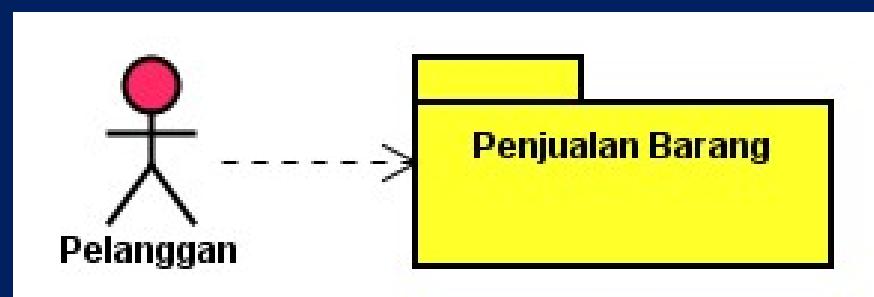


Manfaatkan Subject/Boundary Box



Memanfaatkan Package

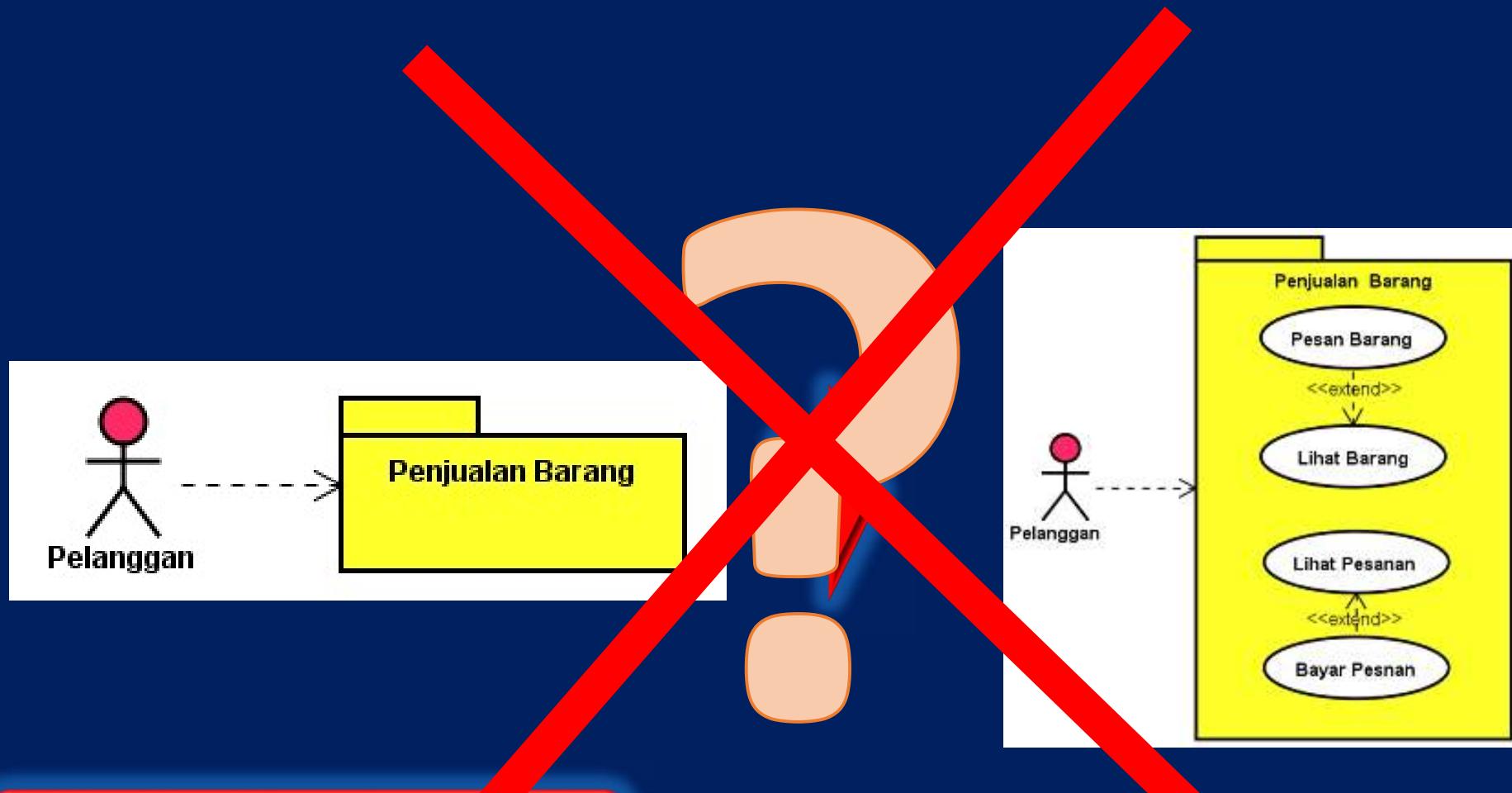




Manfaatkan Package
Dependency Association



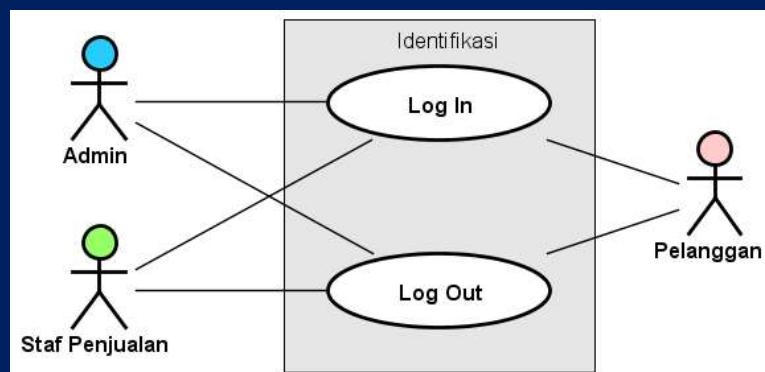
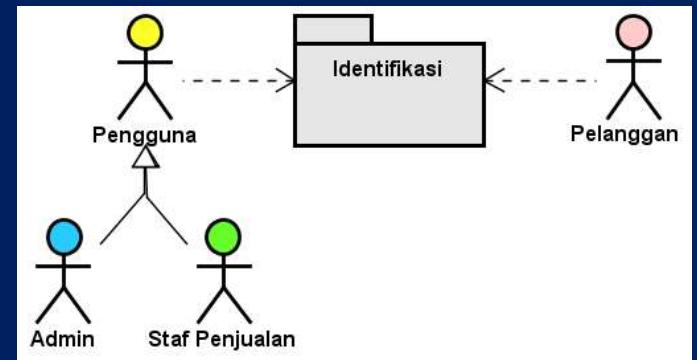
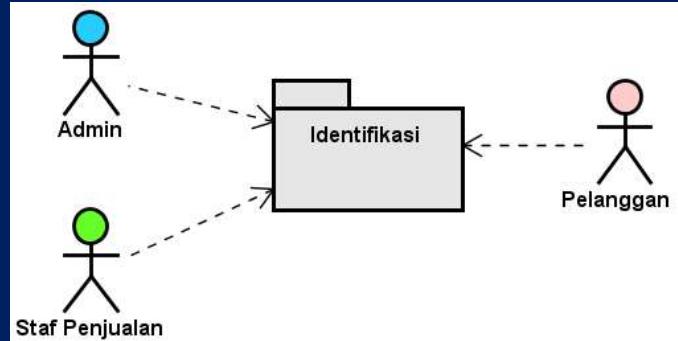
Manfaatkan Package
Dependency Association



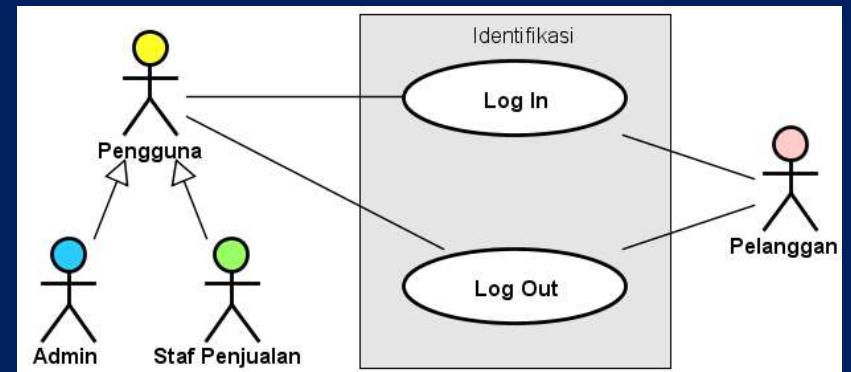
Memanfaatkan Pac' gec Dependency Assertion

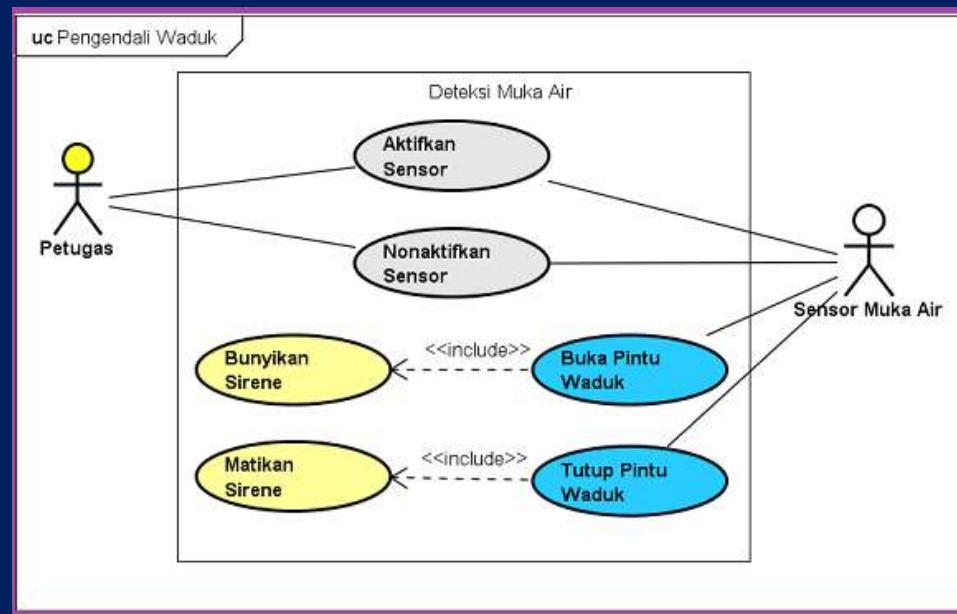


Manfaatkan Package Dependency Association

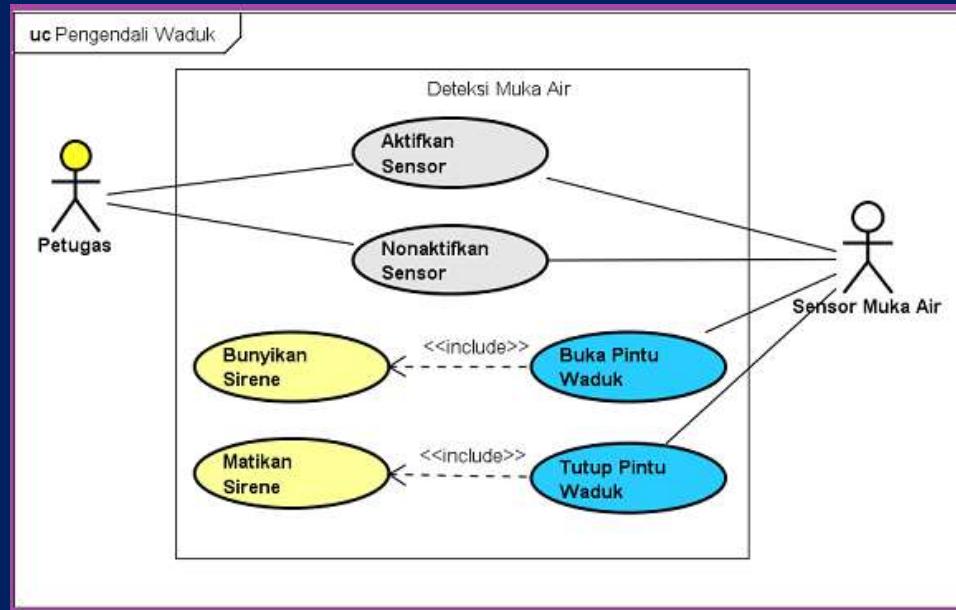


Memakai
Abstrak Actor



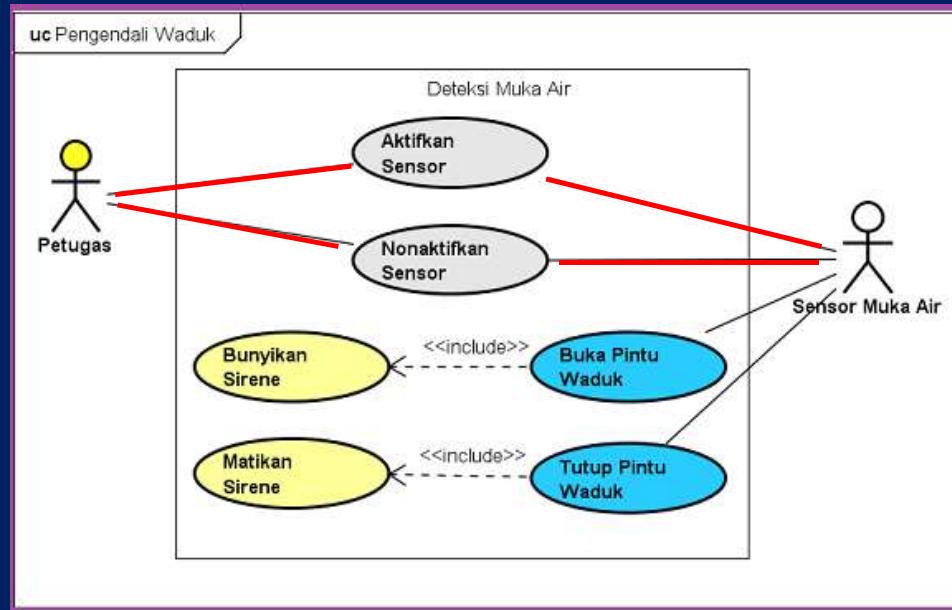


Human Actor



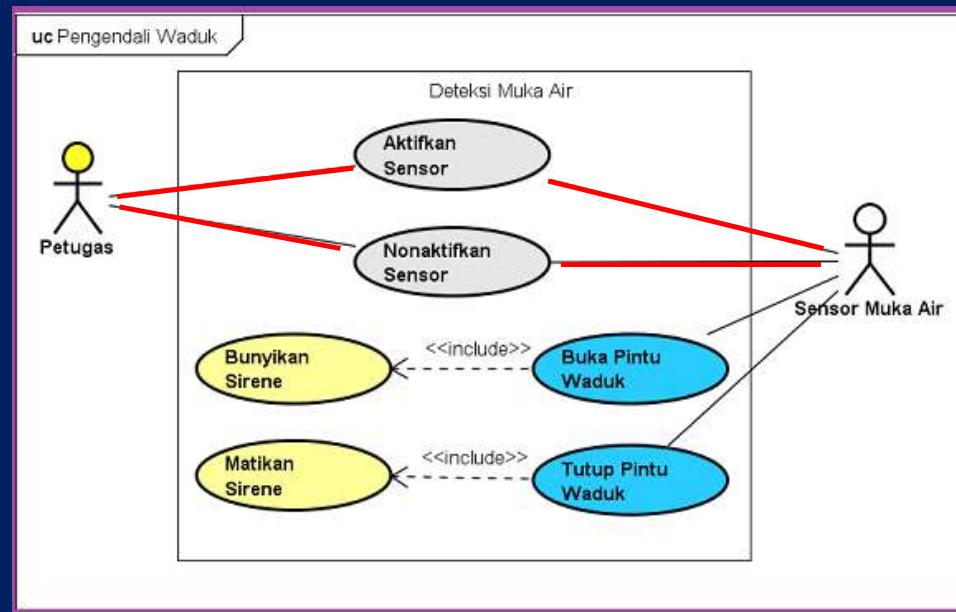
Nonhuman Actor

Primary Actor

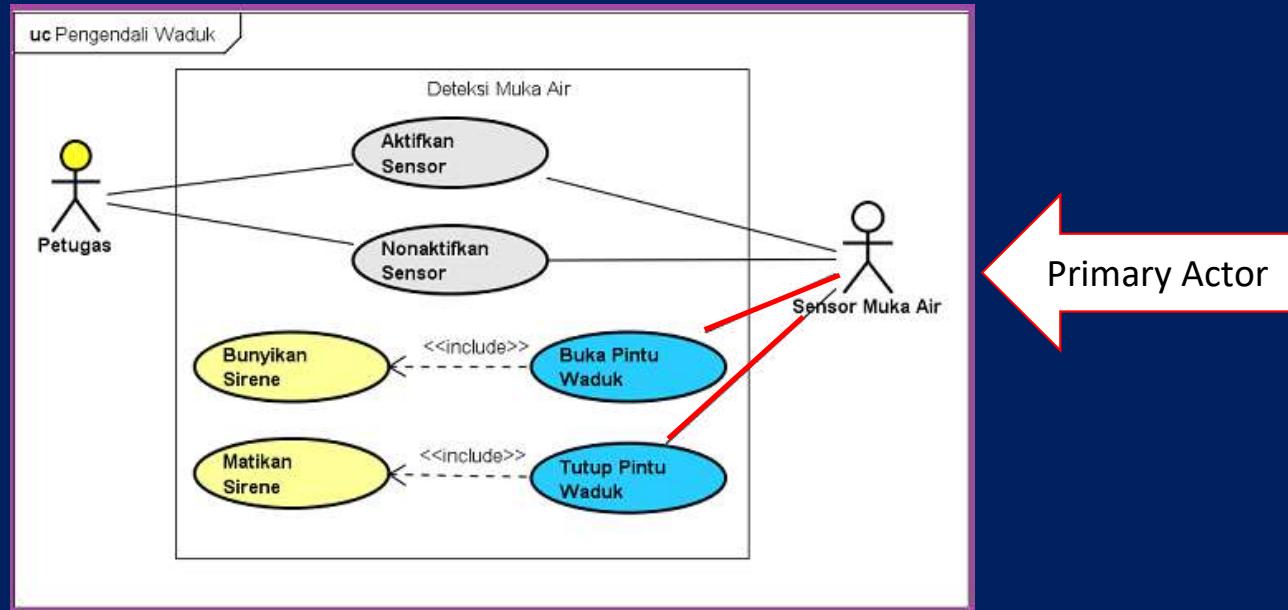


Secondary Actor

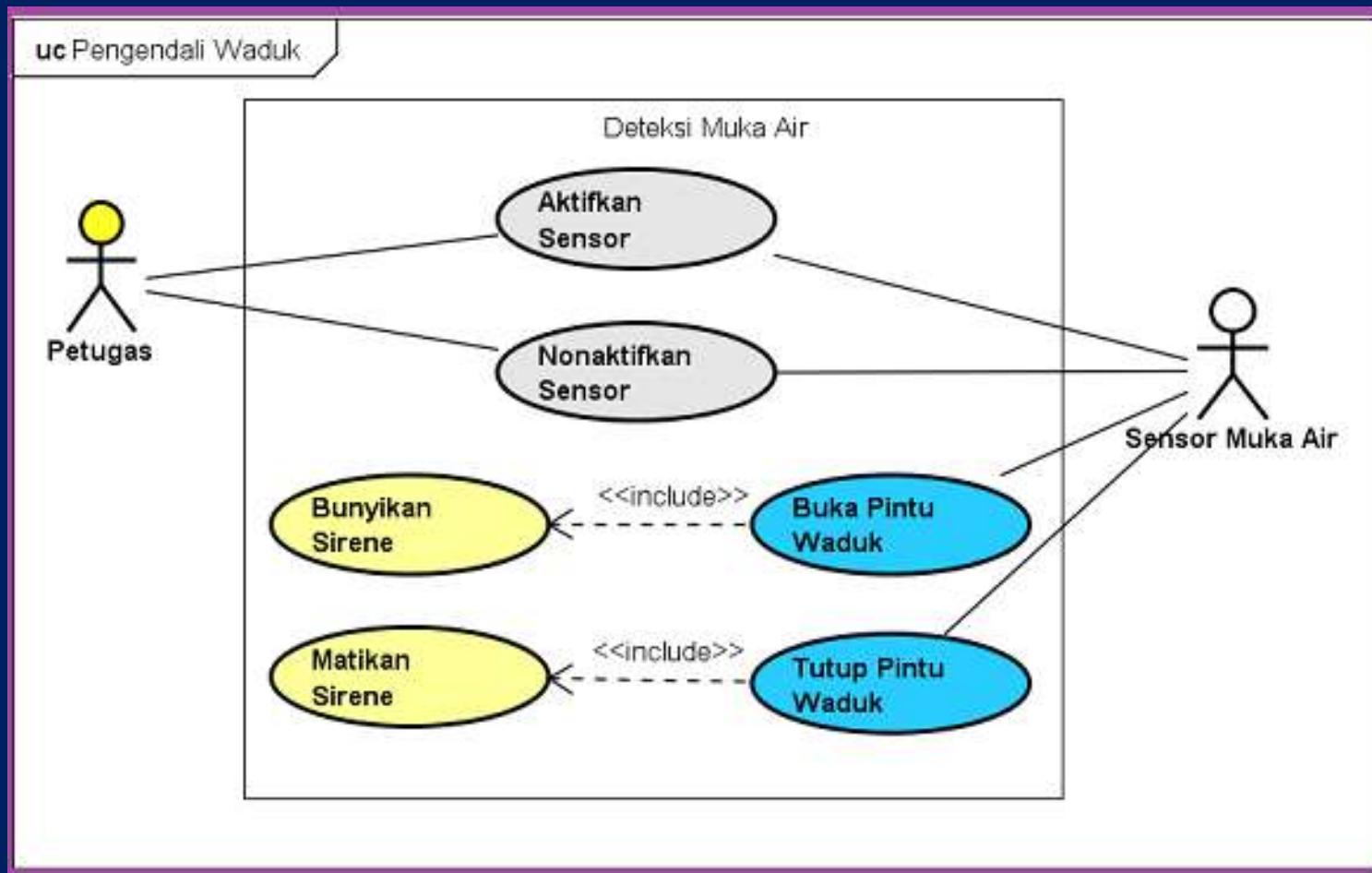
Primary Actor
Active Actor

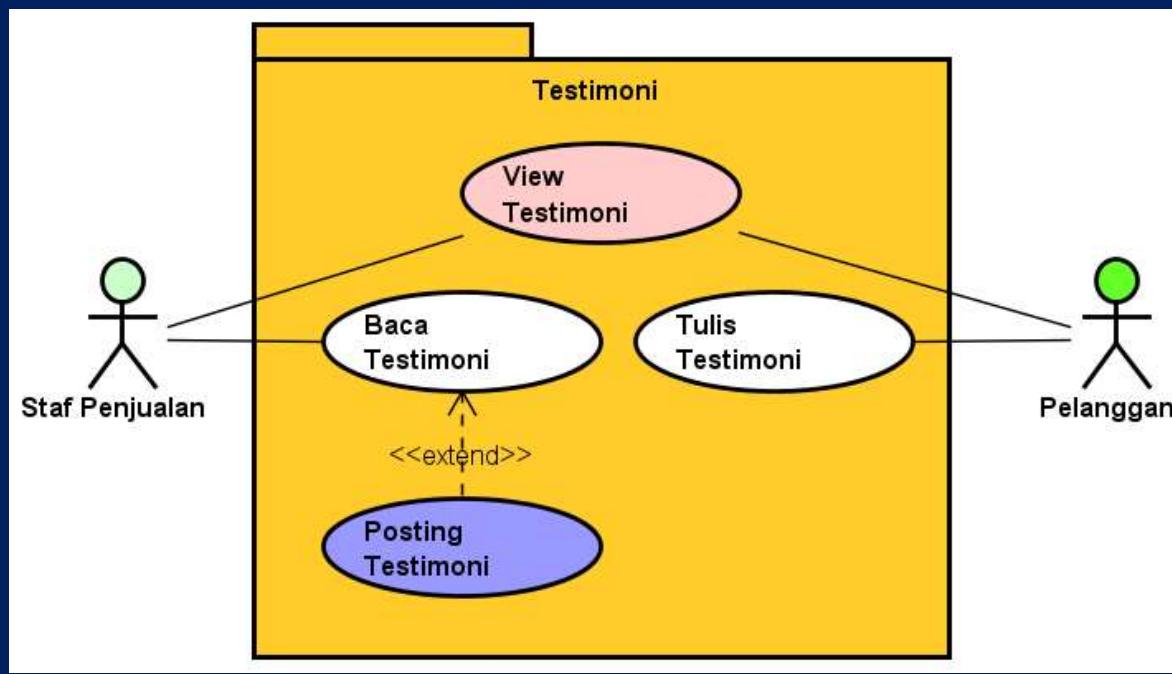


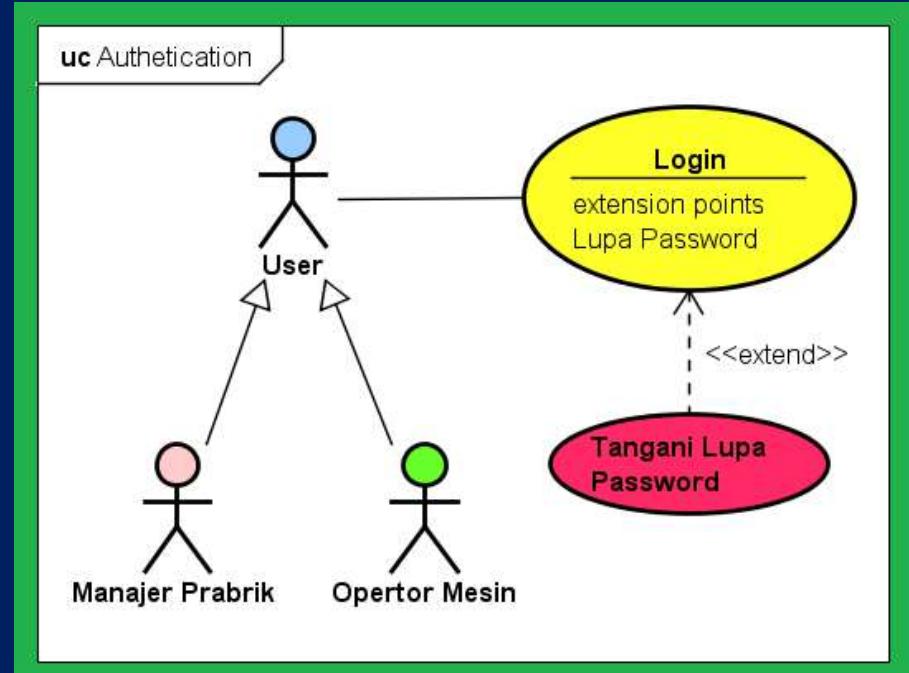
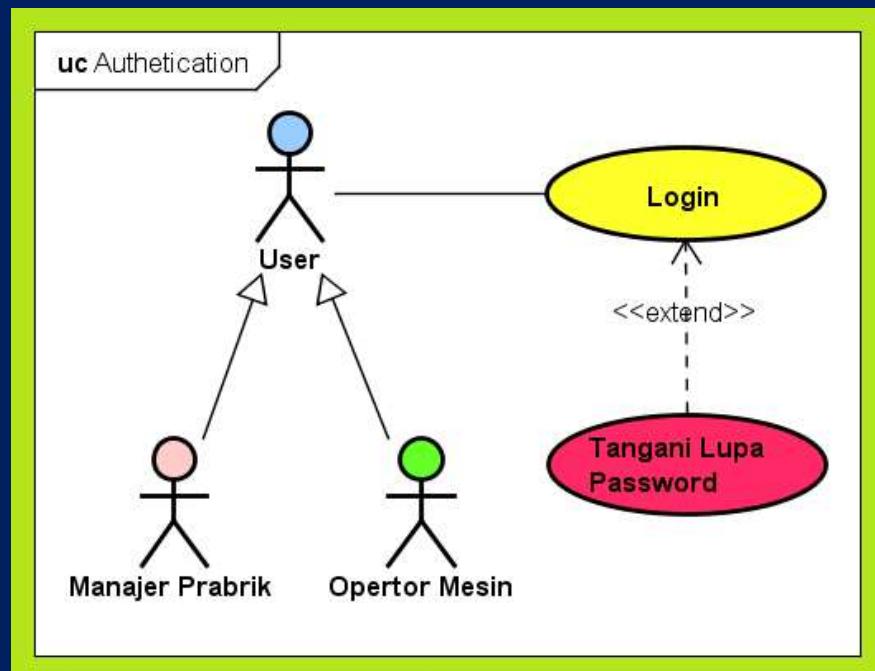
Secondary Actor
Supporting Actor



Primary Actor

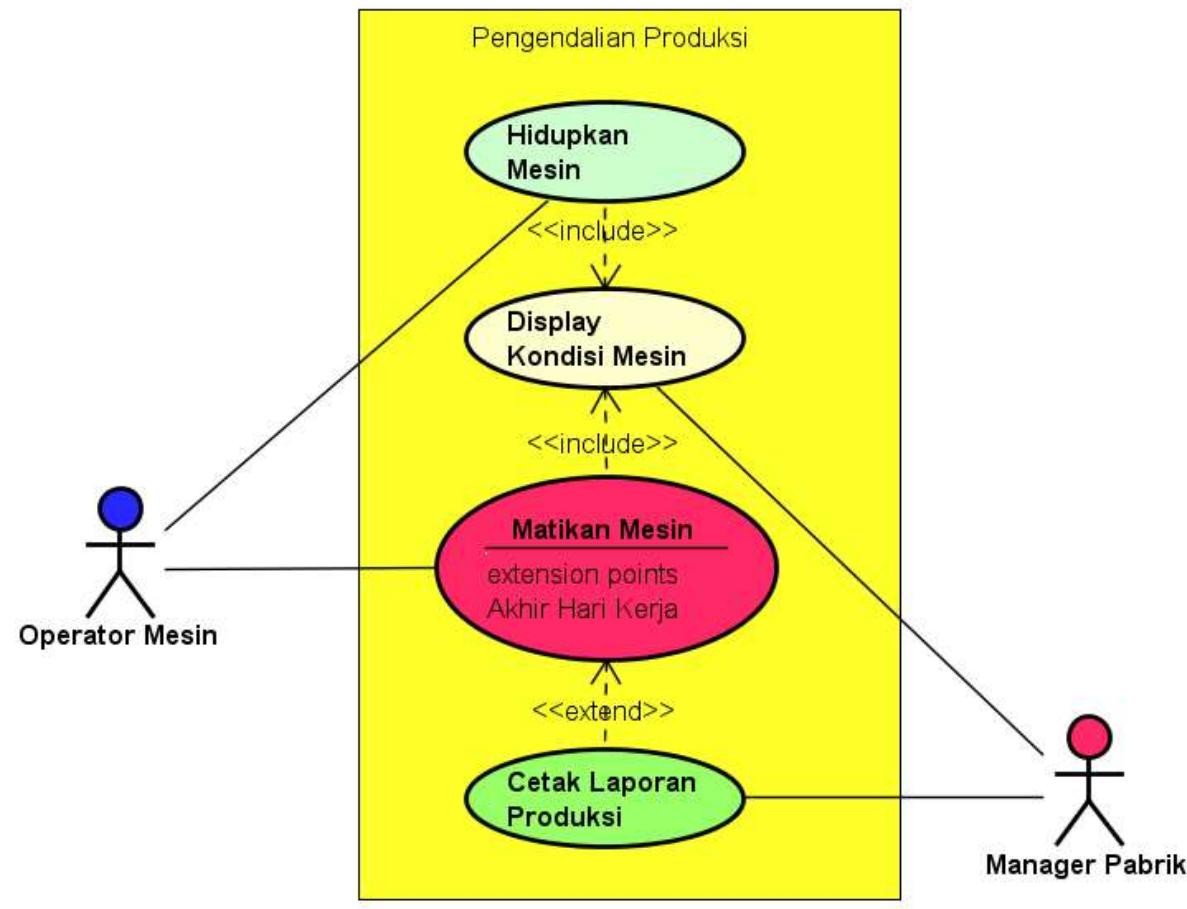


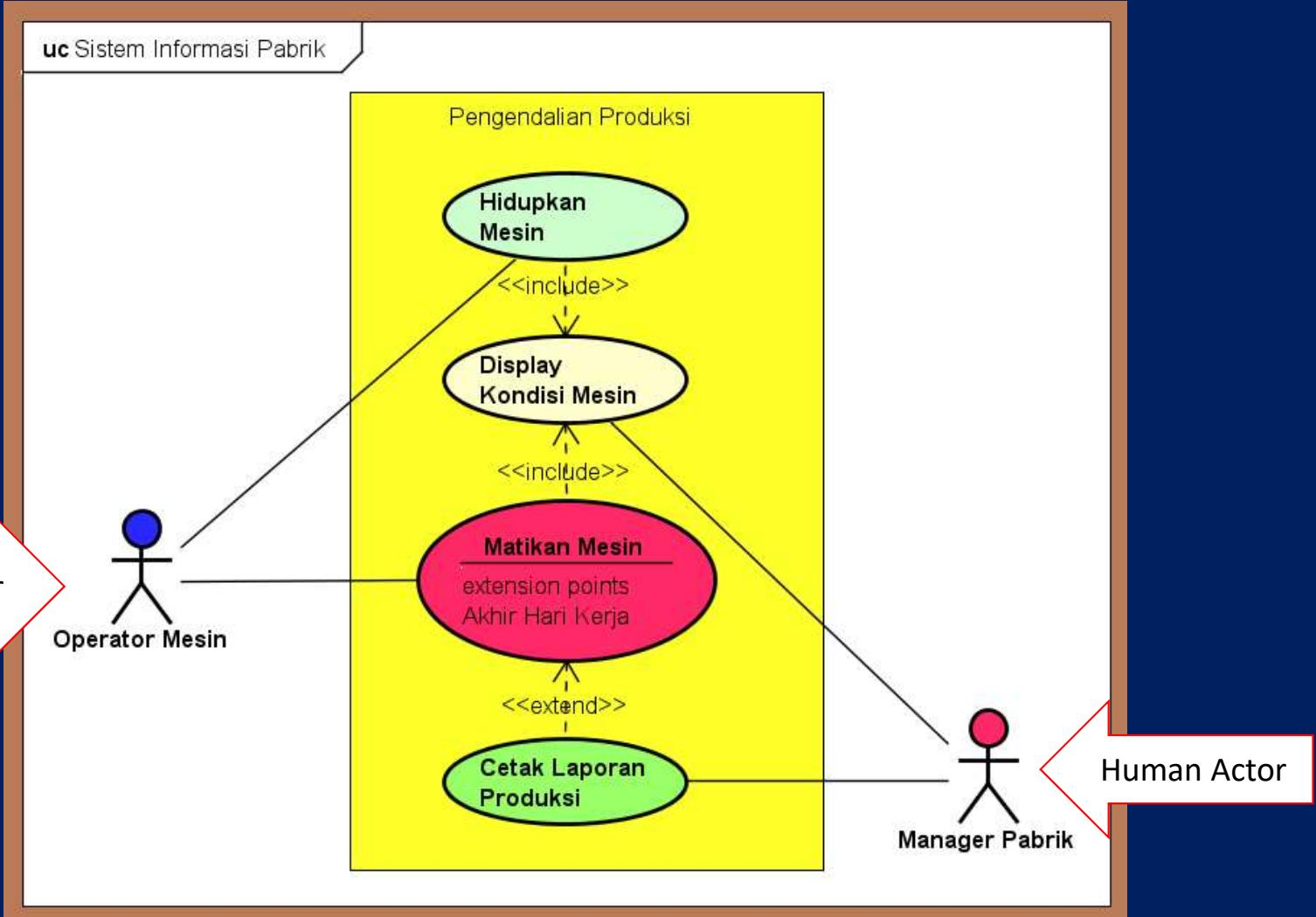




Lebih
Informatif

uc Sistem Informasi Pabrik



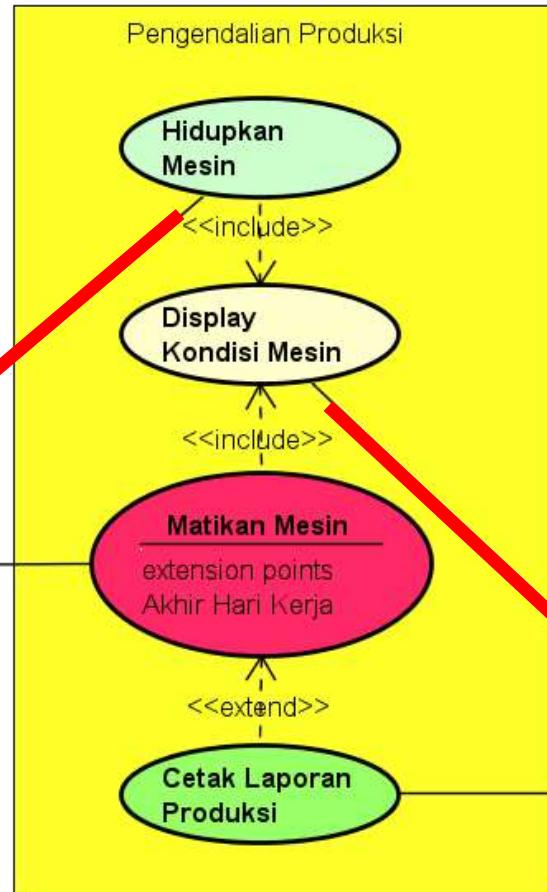


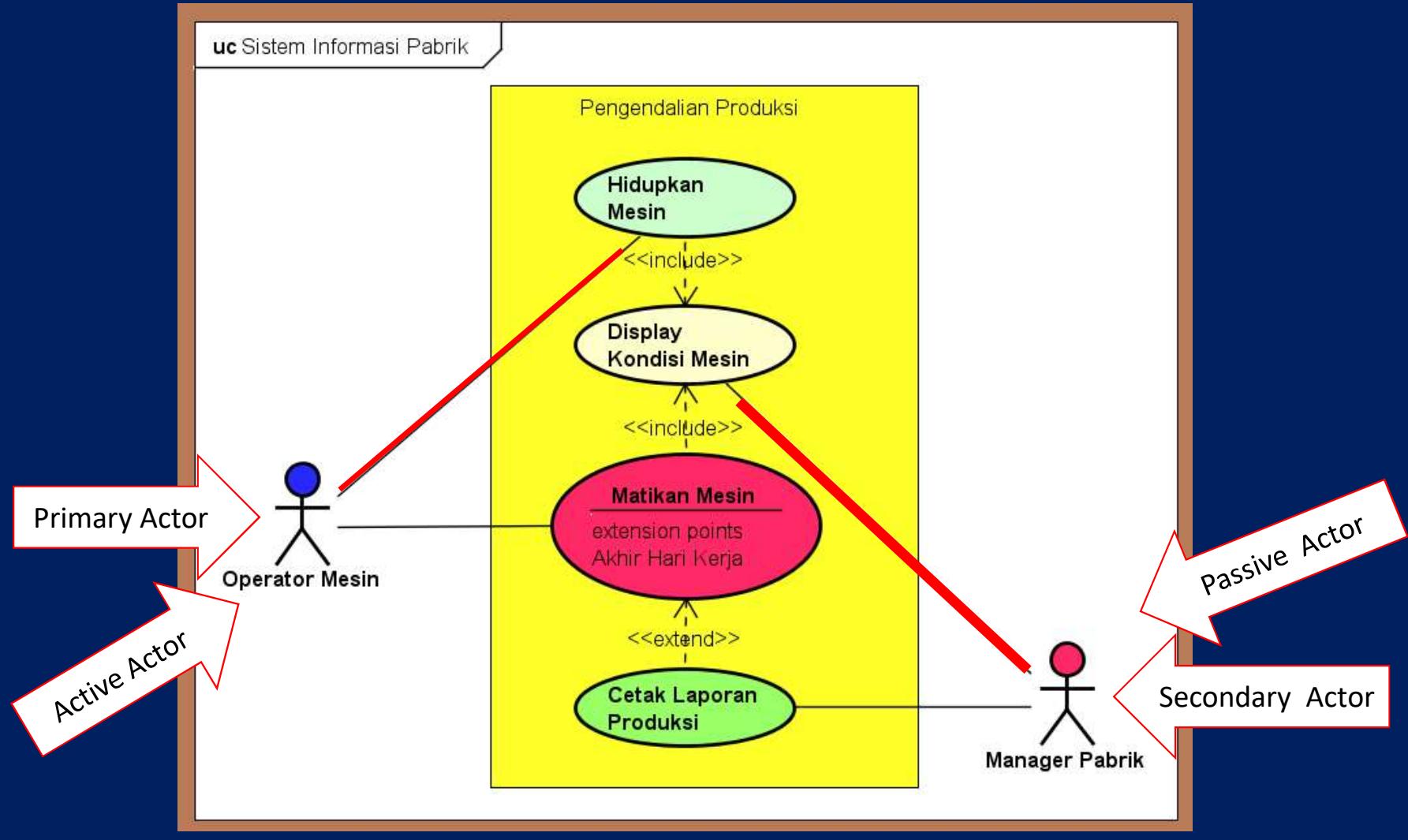
uc Sistem Informasi Pabrik

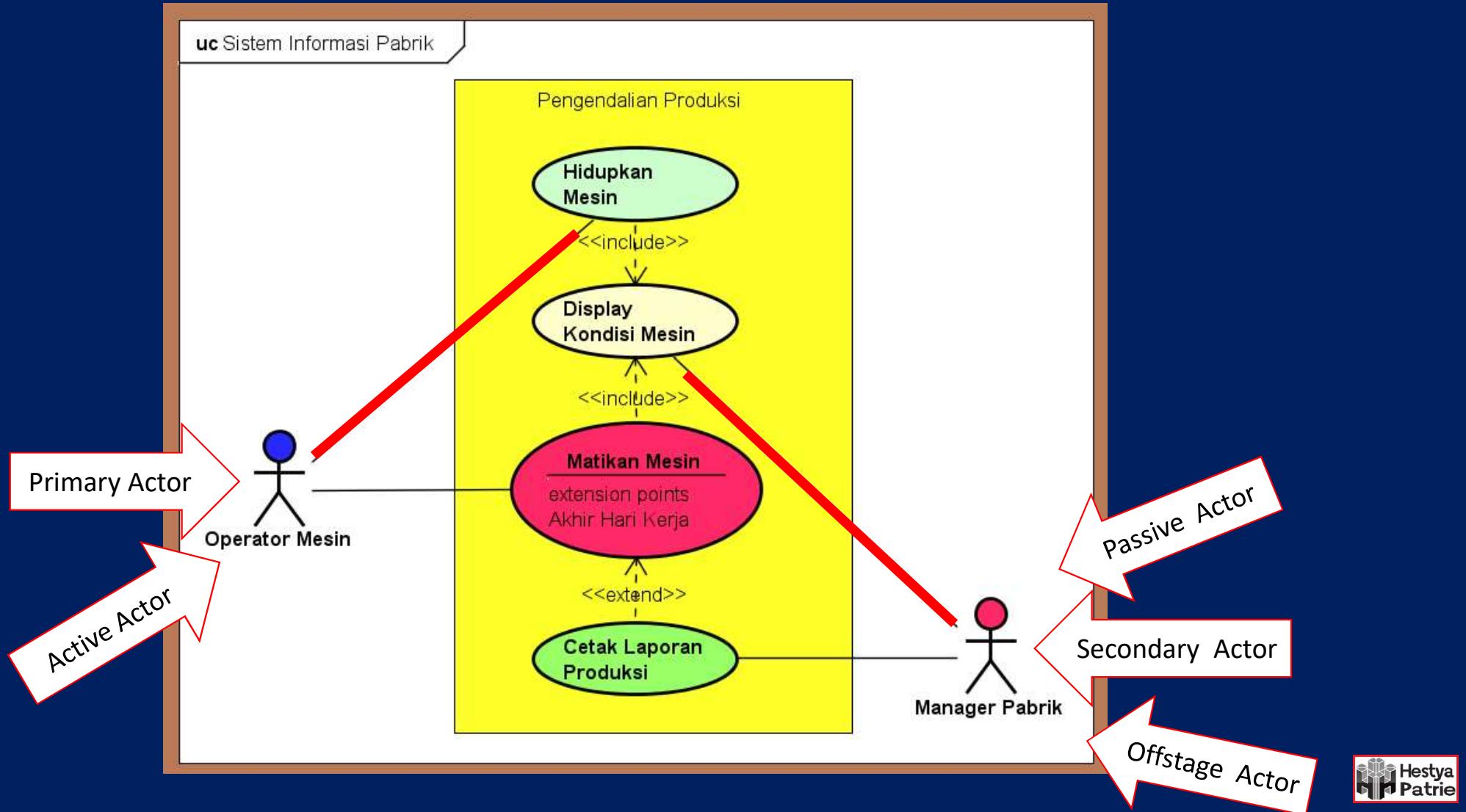
Primary Actor

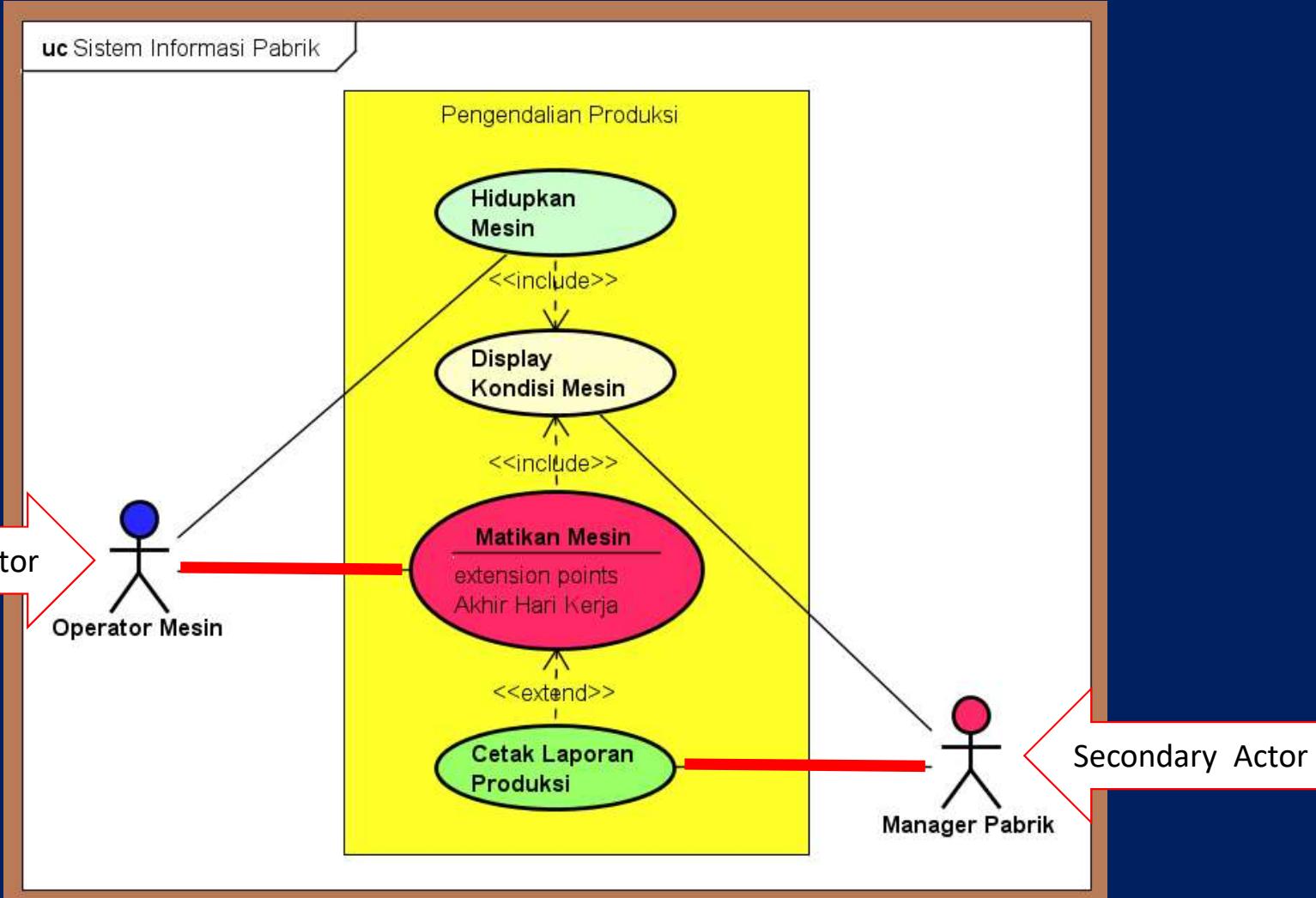


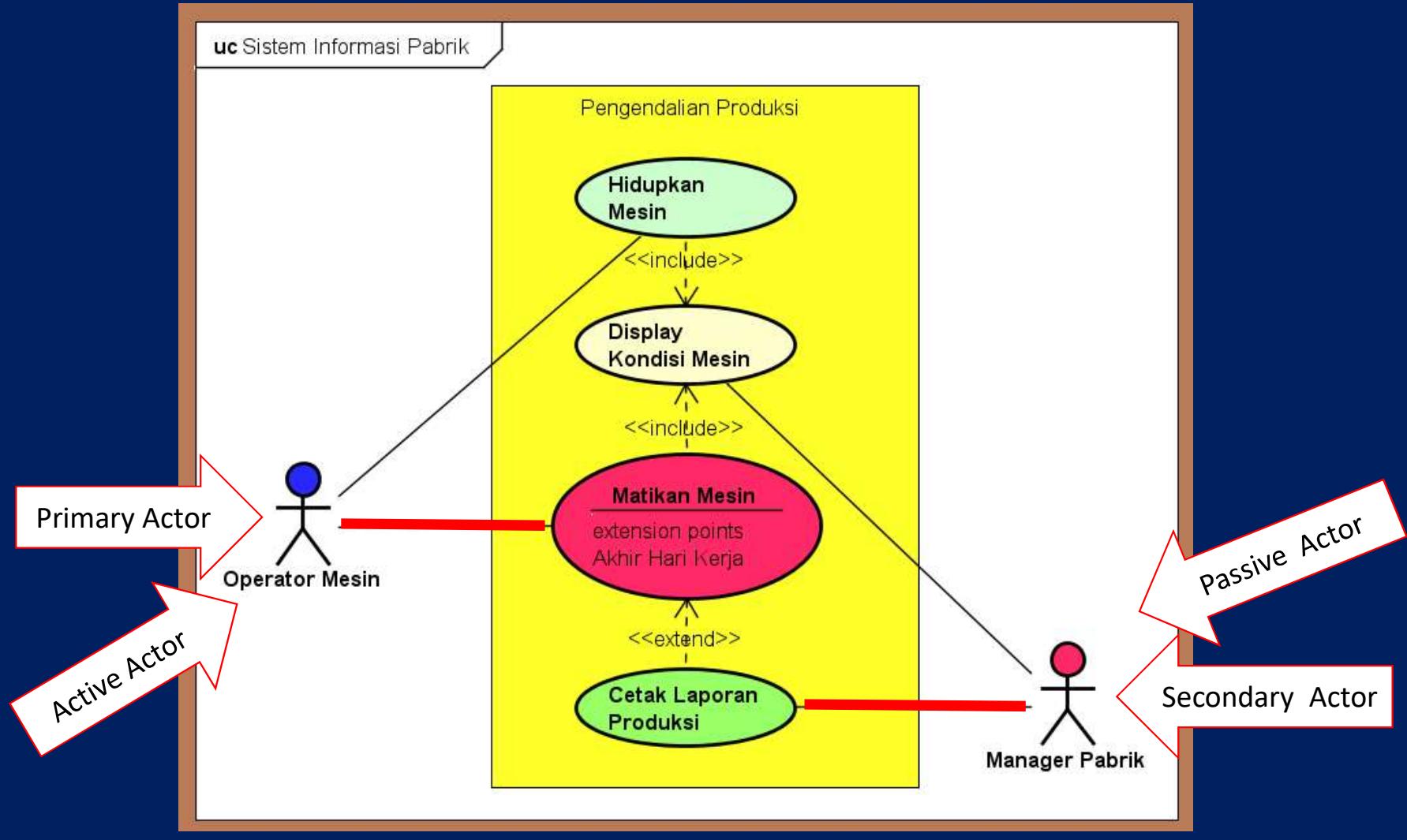
Secondary Actor

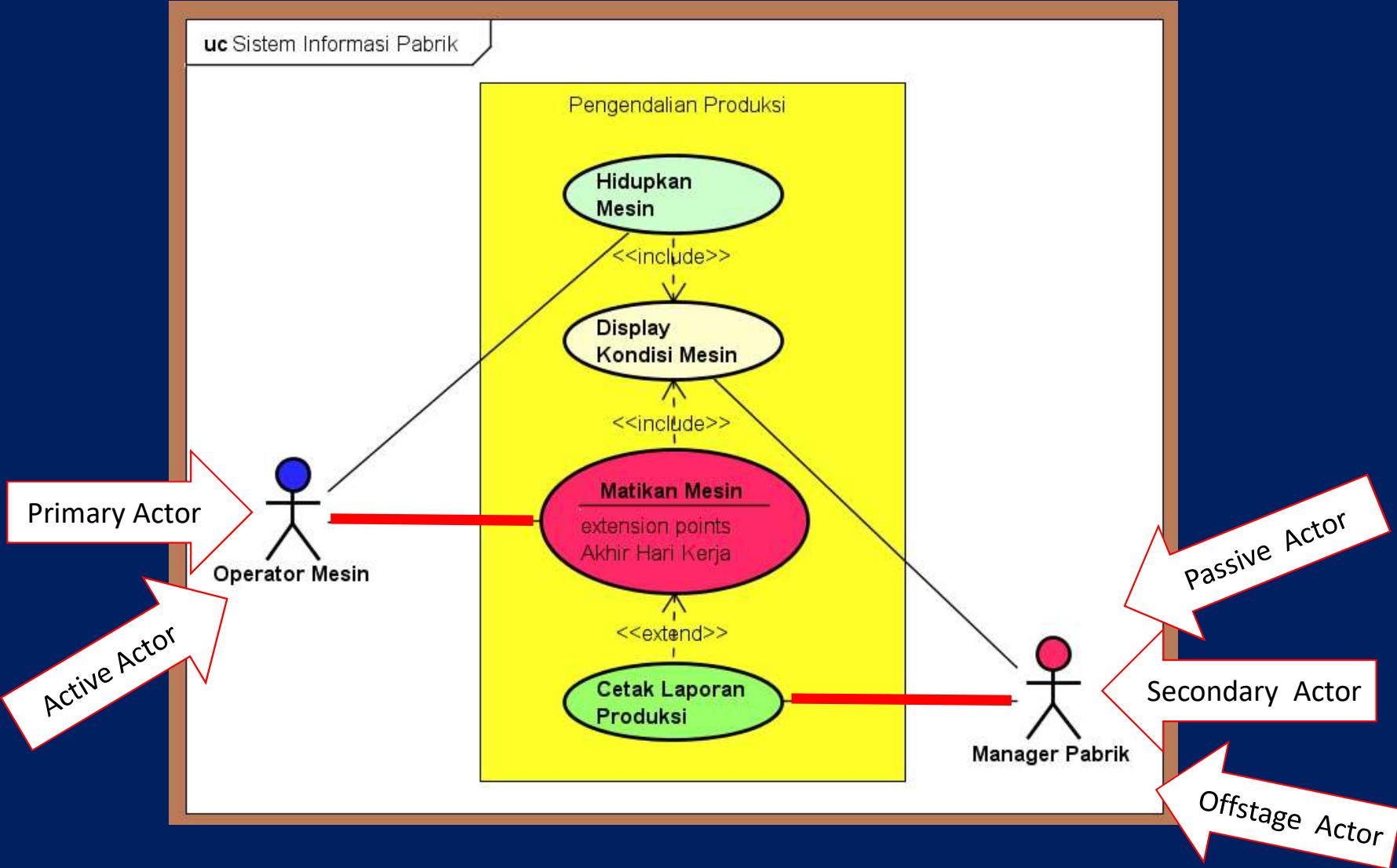


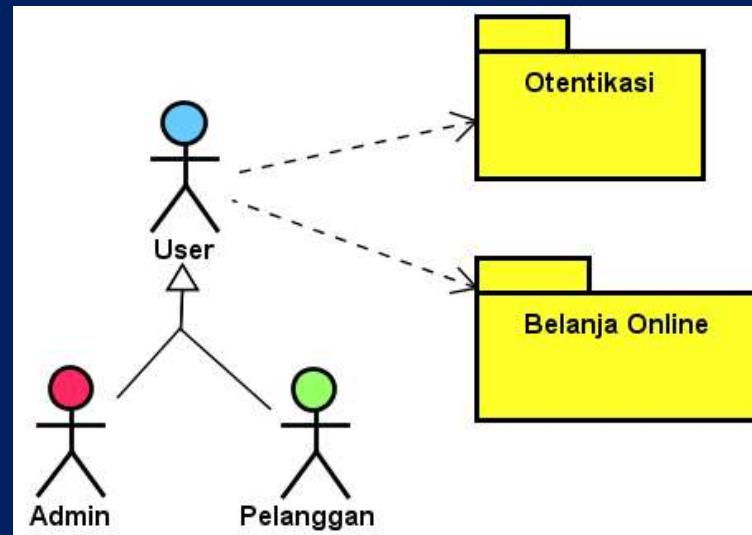


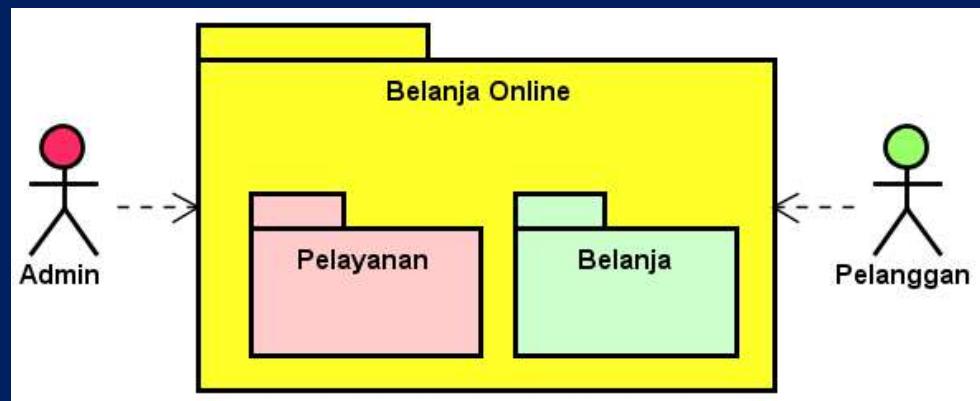


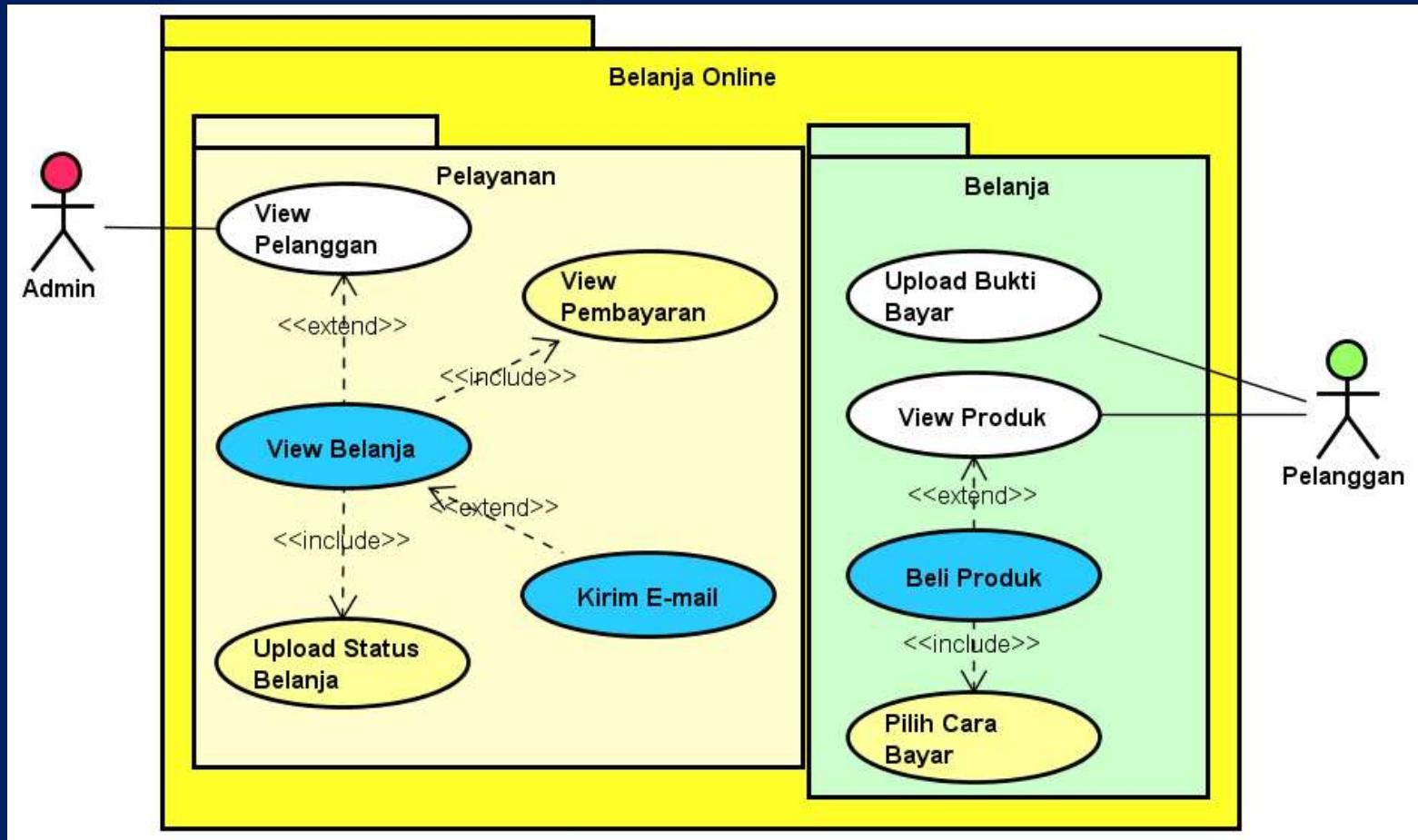


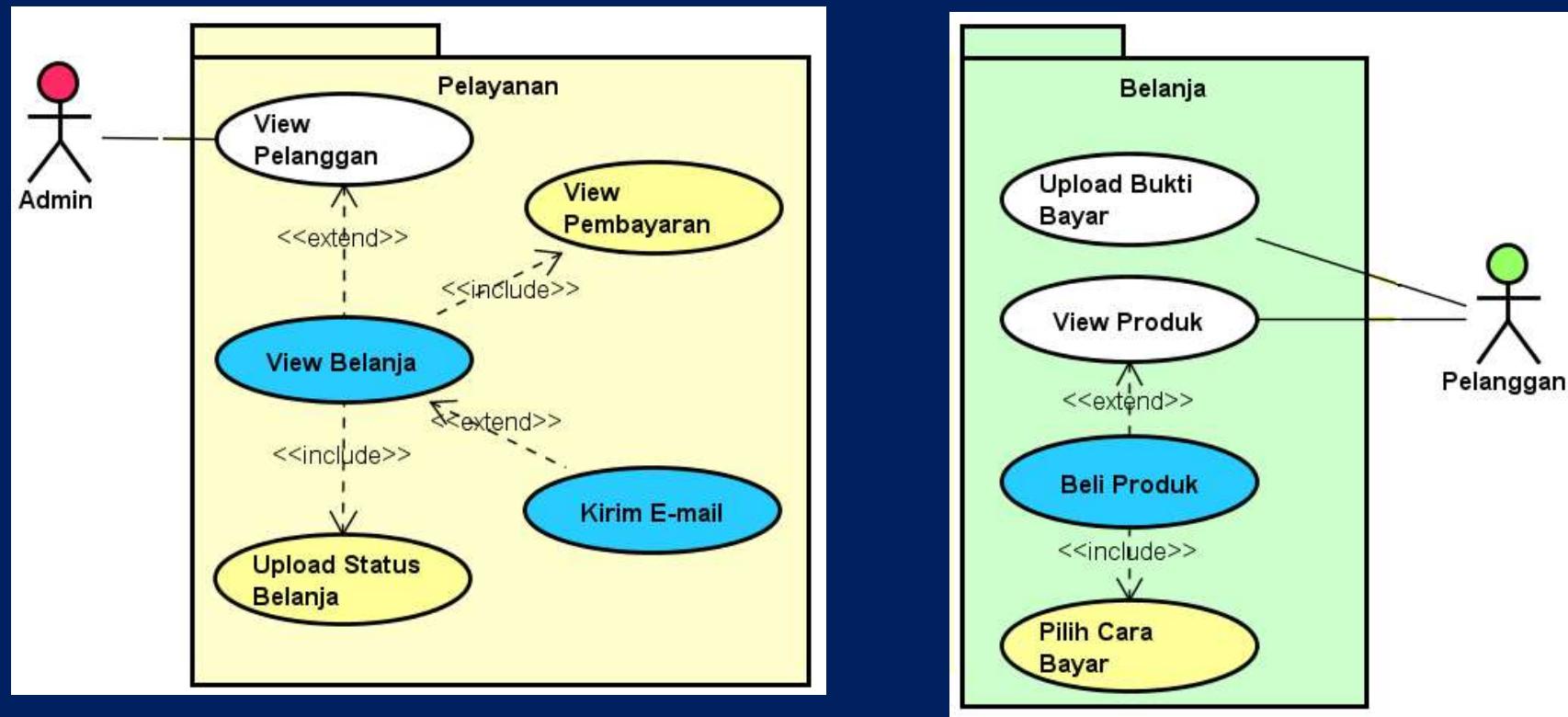


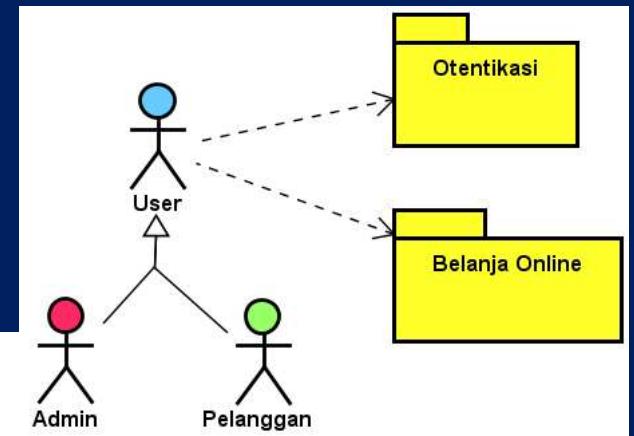
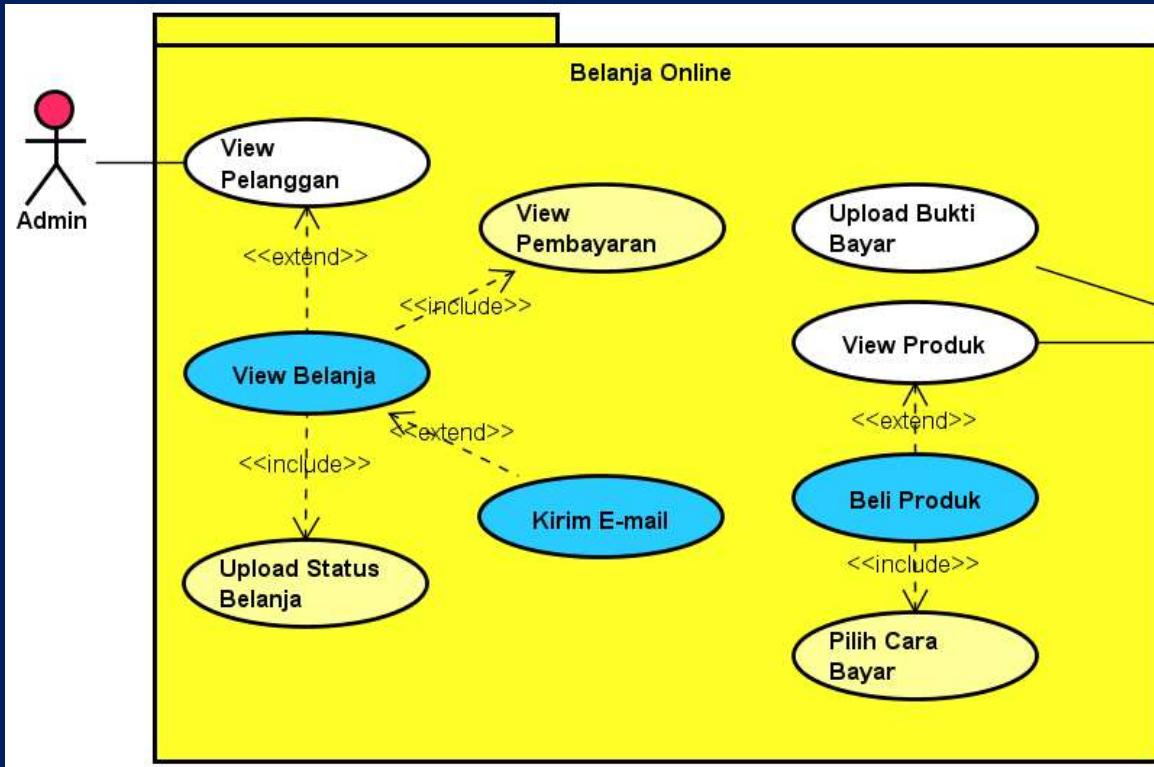


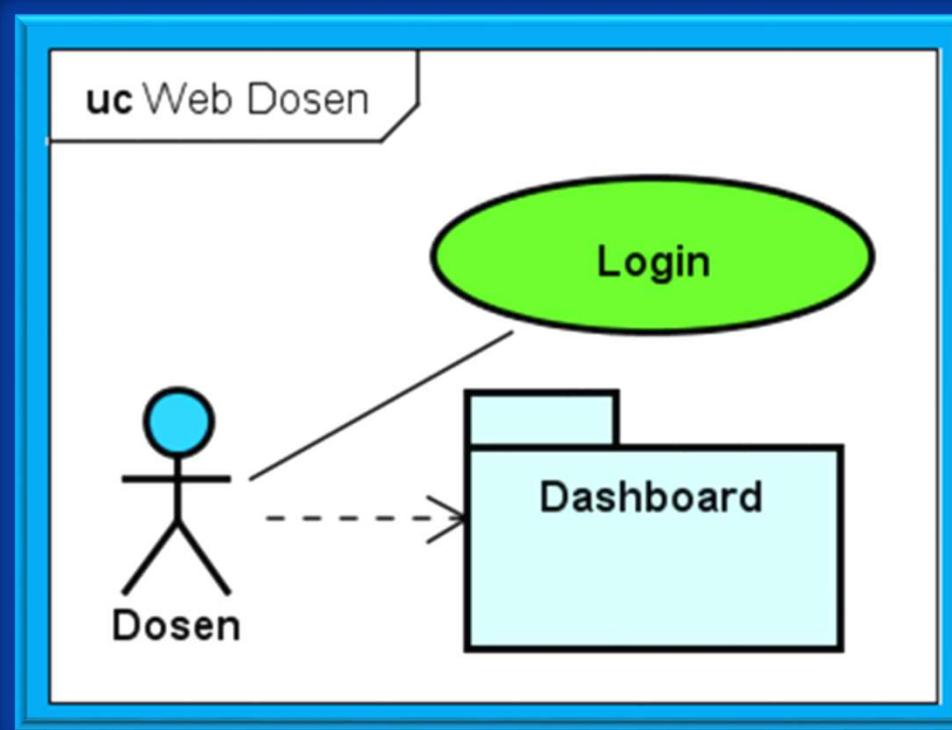




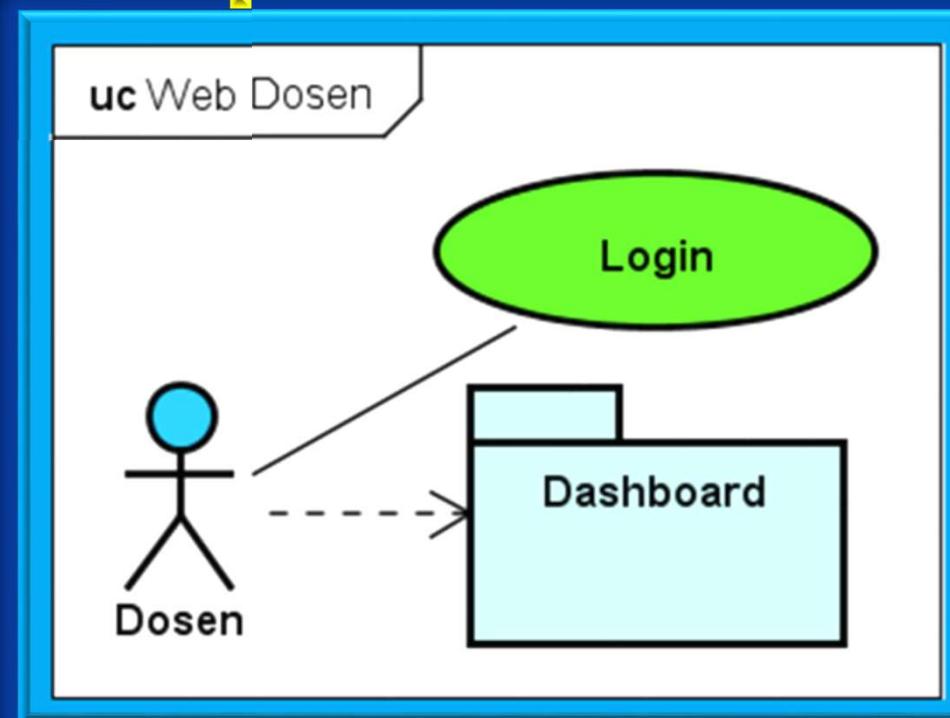


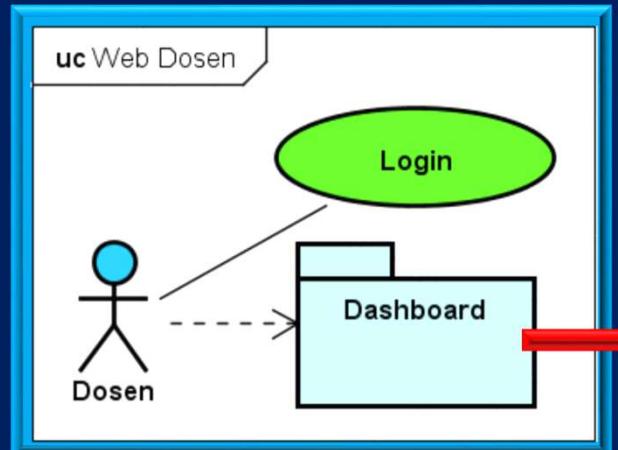




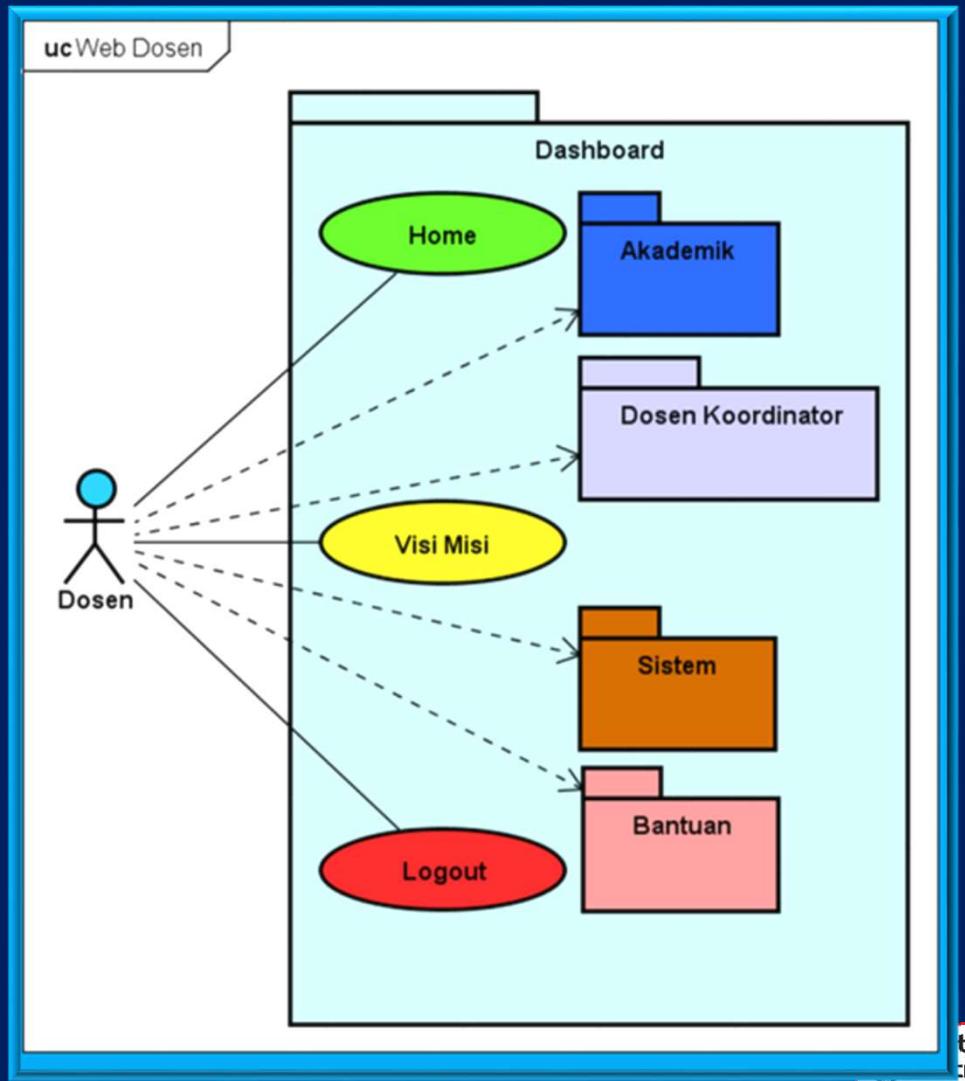


Sebuah Sistem
Bernama Web Dosen
Digambarkan Dengan
1 Use Case & 1 Package





Isi Package Dashboard

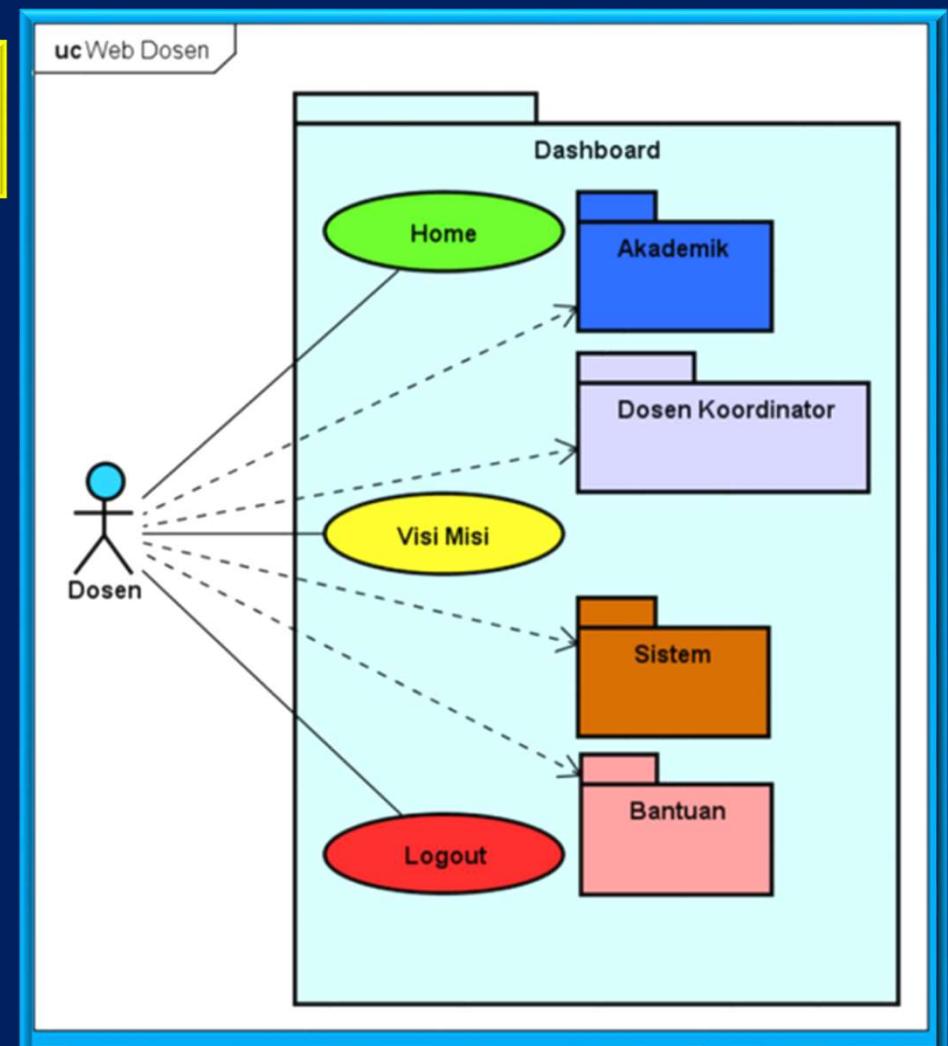


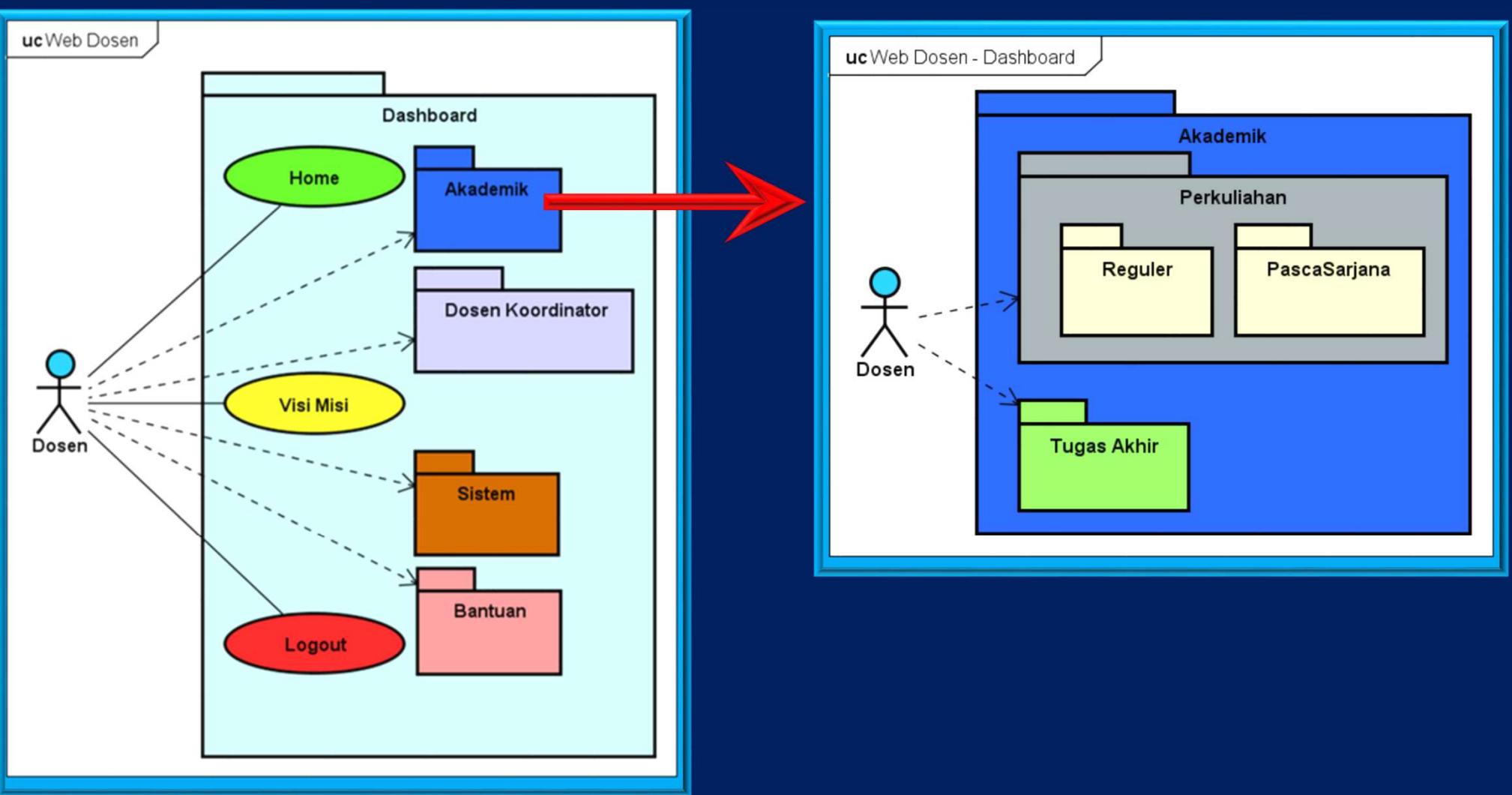
Yang Hanya 1 (satu) Fungsi
Digambarkan Dengan Sebuah Use Case

Abstraction

Konsep Ini
Dinamakan

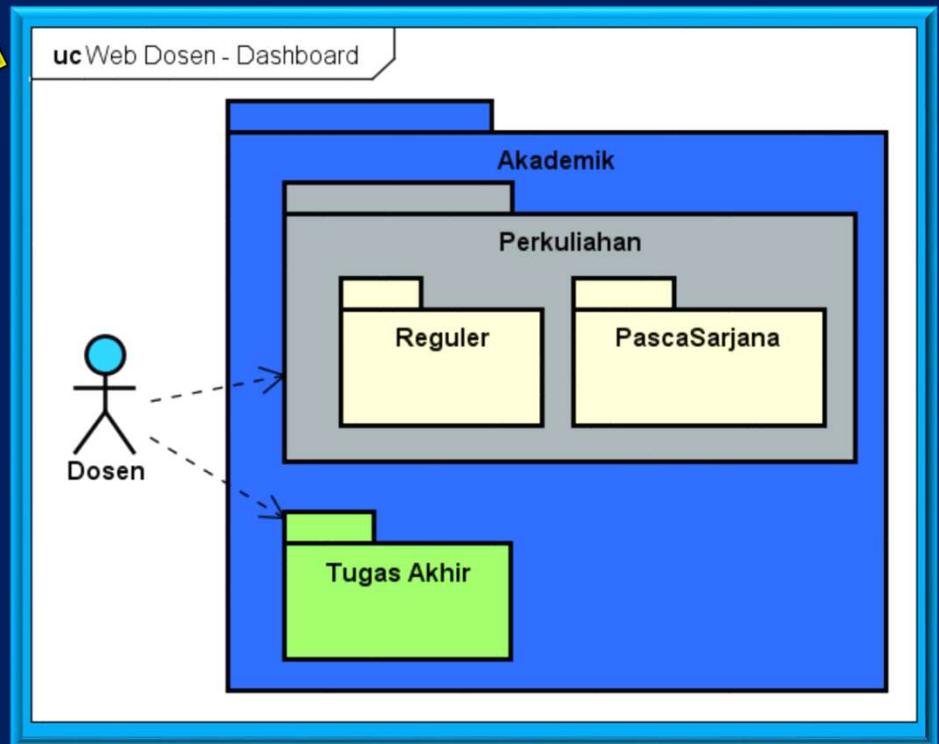
Yang >1 Fungsi Digambarkan
Dengan Sebuah Package





Isi Package Akademik

Frame Berisi Package Akademik
Yang Merupakan Bagian Dari
Dashboard Pada Web Dosen

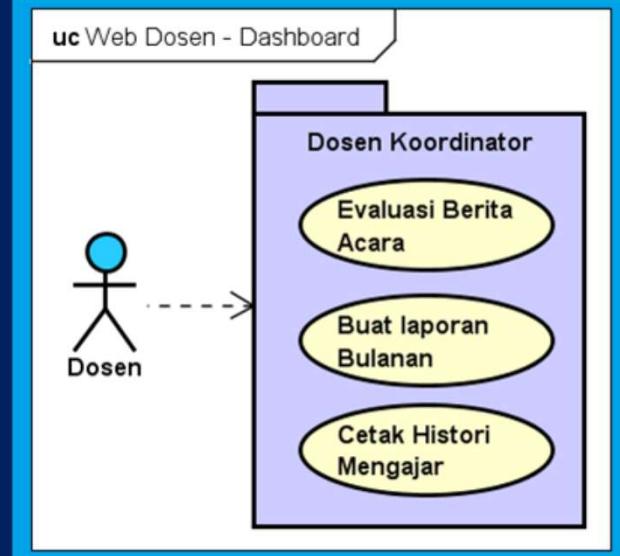
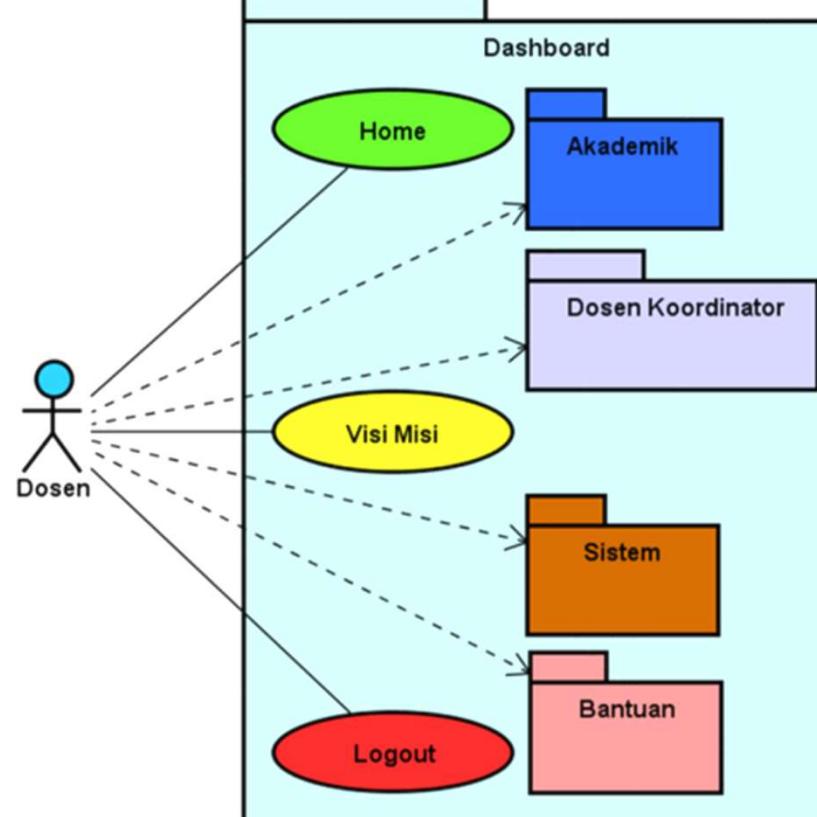


Catatan

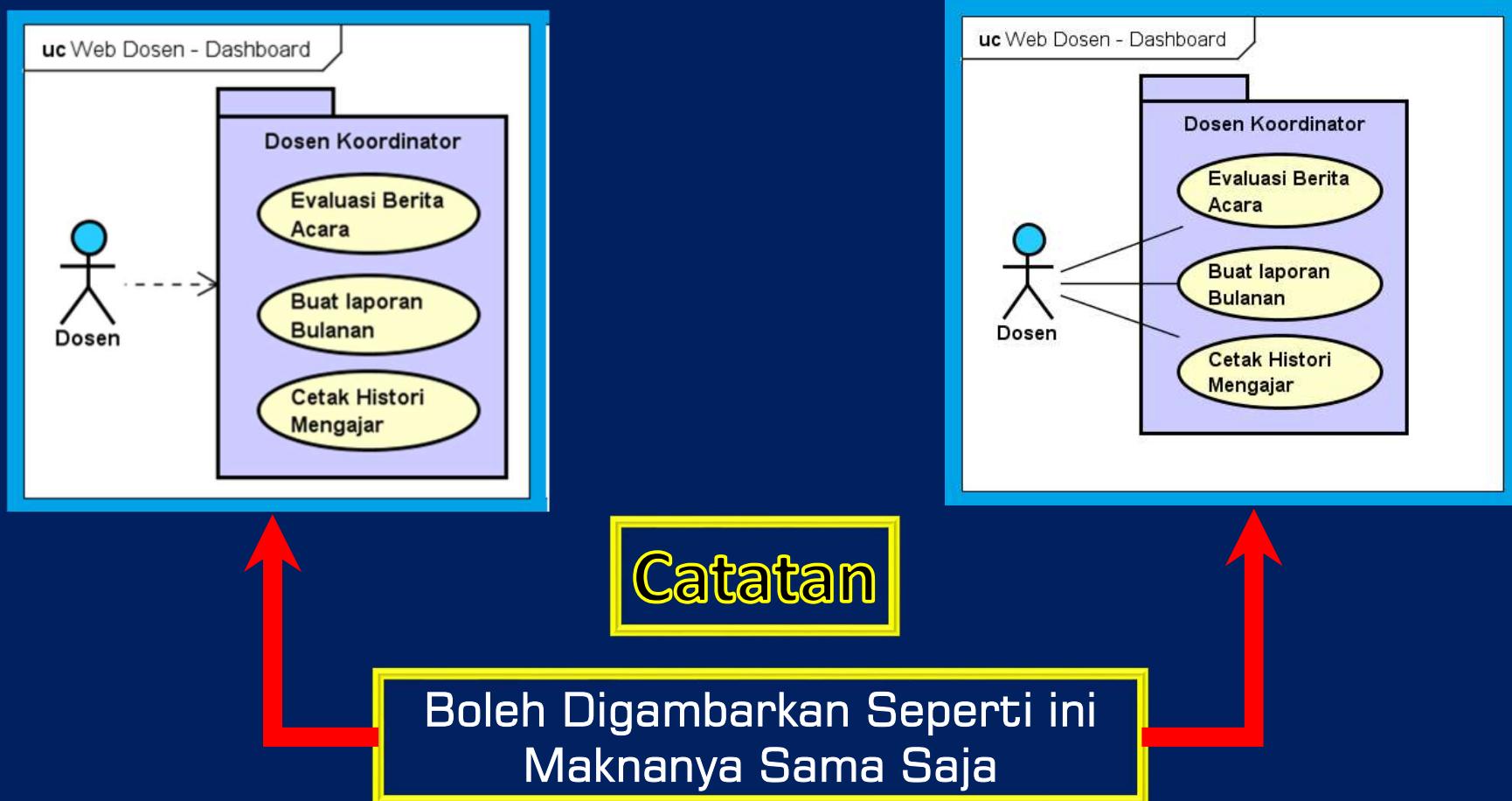


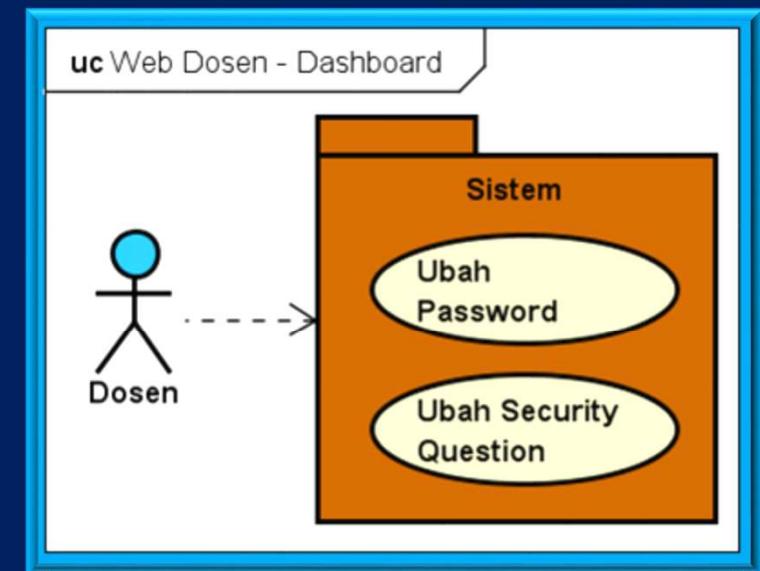
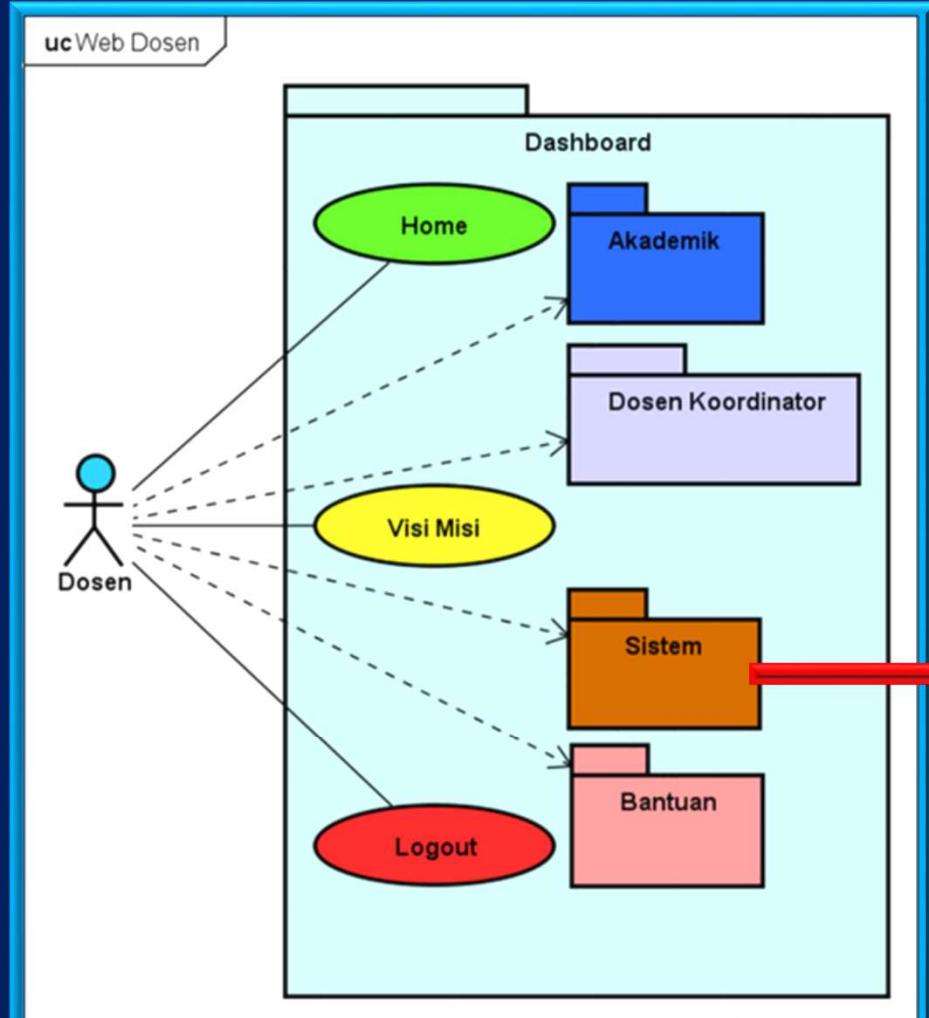
Pemanfaatan Package Di Dalam
Package (Nested Package)
Memudahkan Mengatur
Level of Abstraction

uc Web Dosen

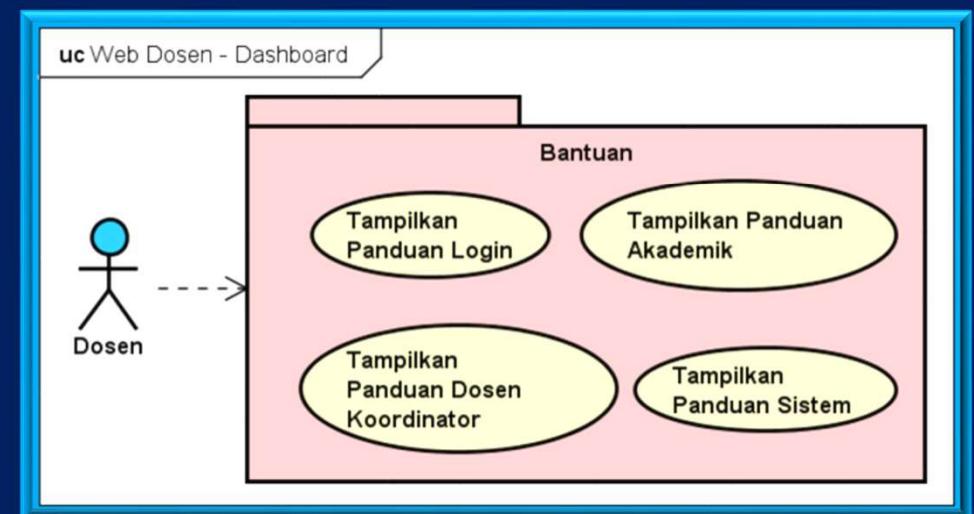
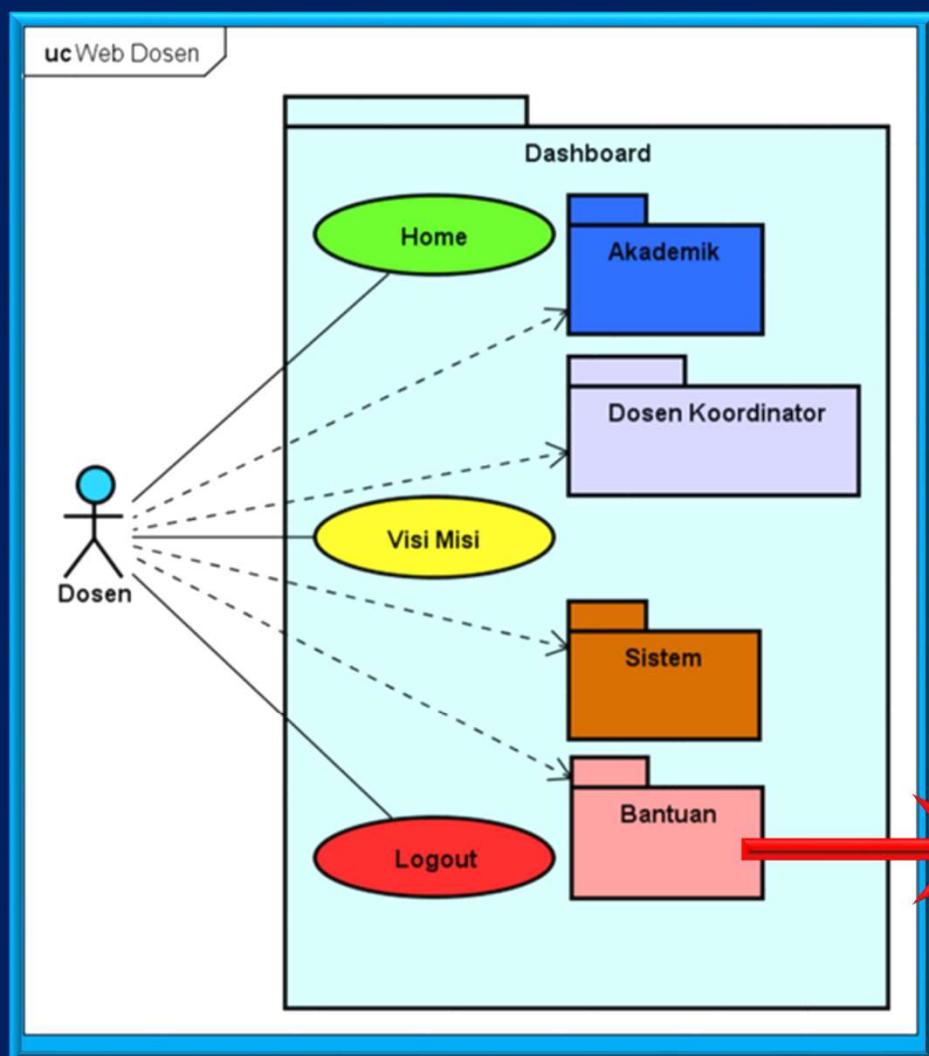


Isi Package Dosen Koordinator

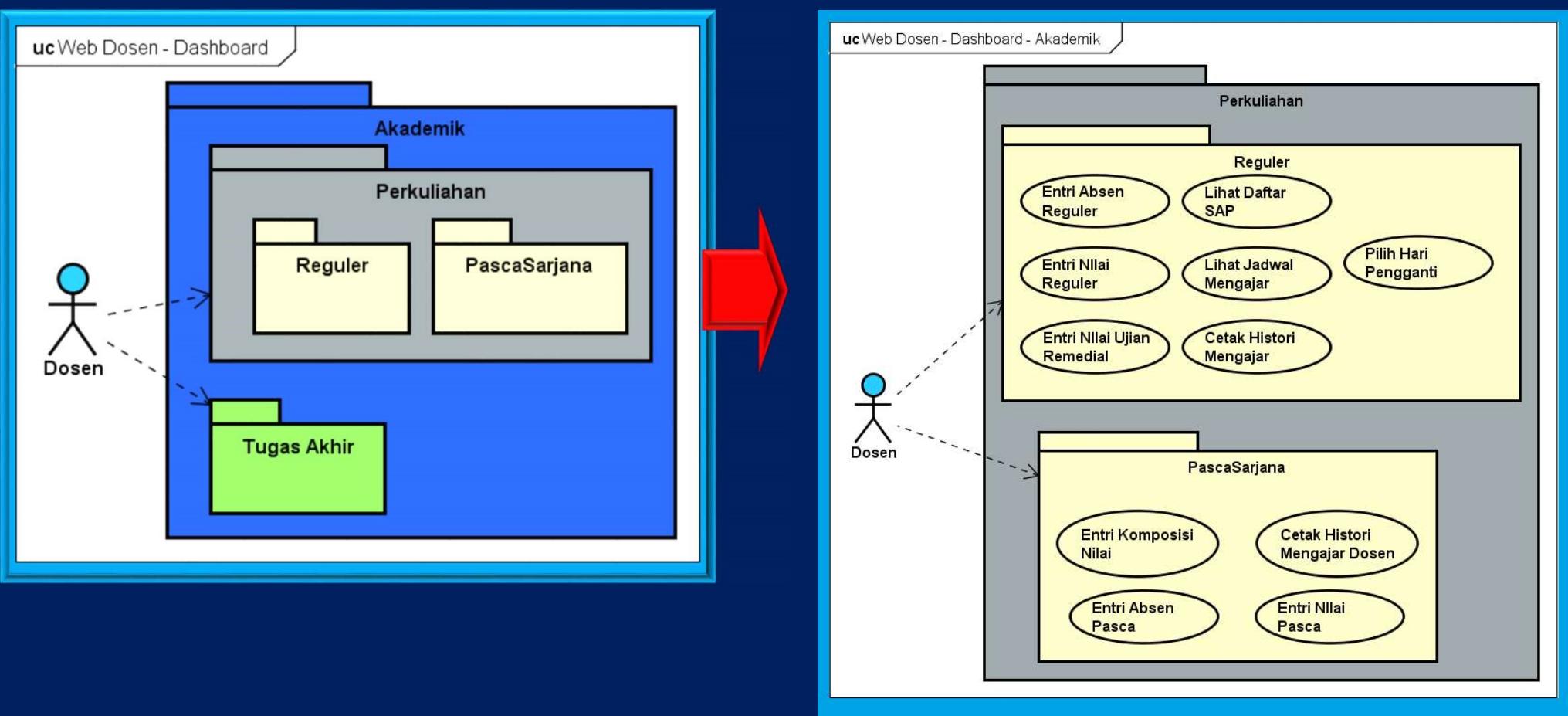




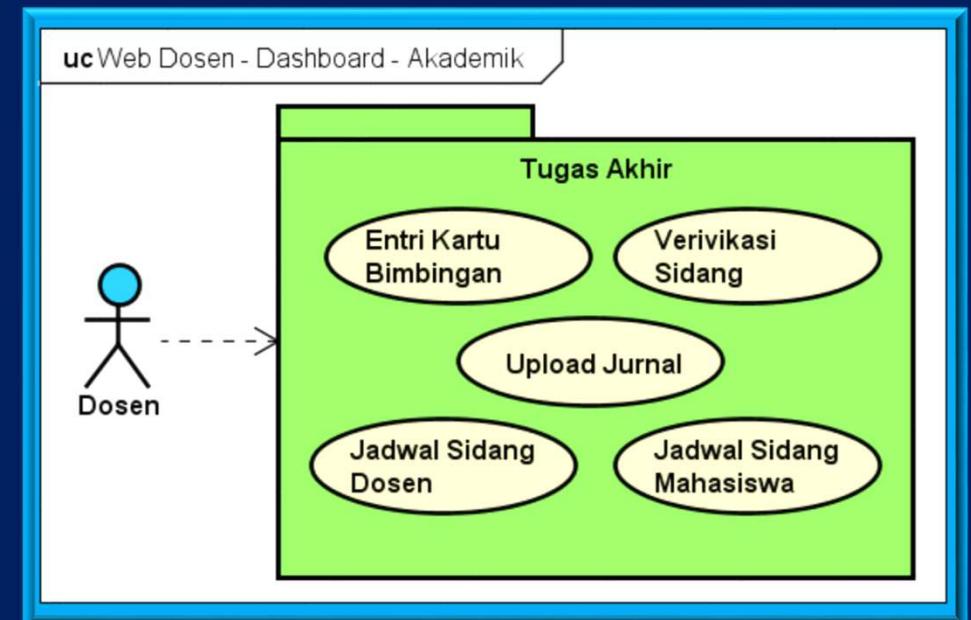
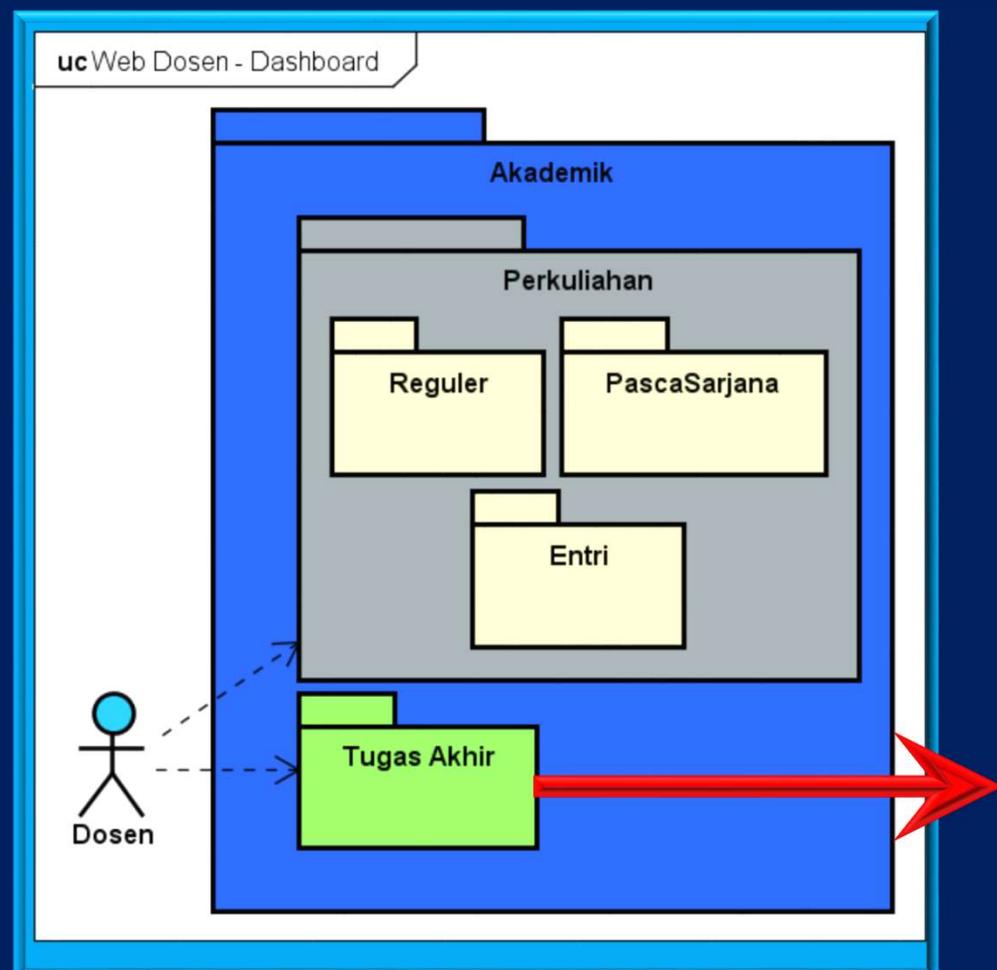
Isi Package Sistem



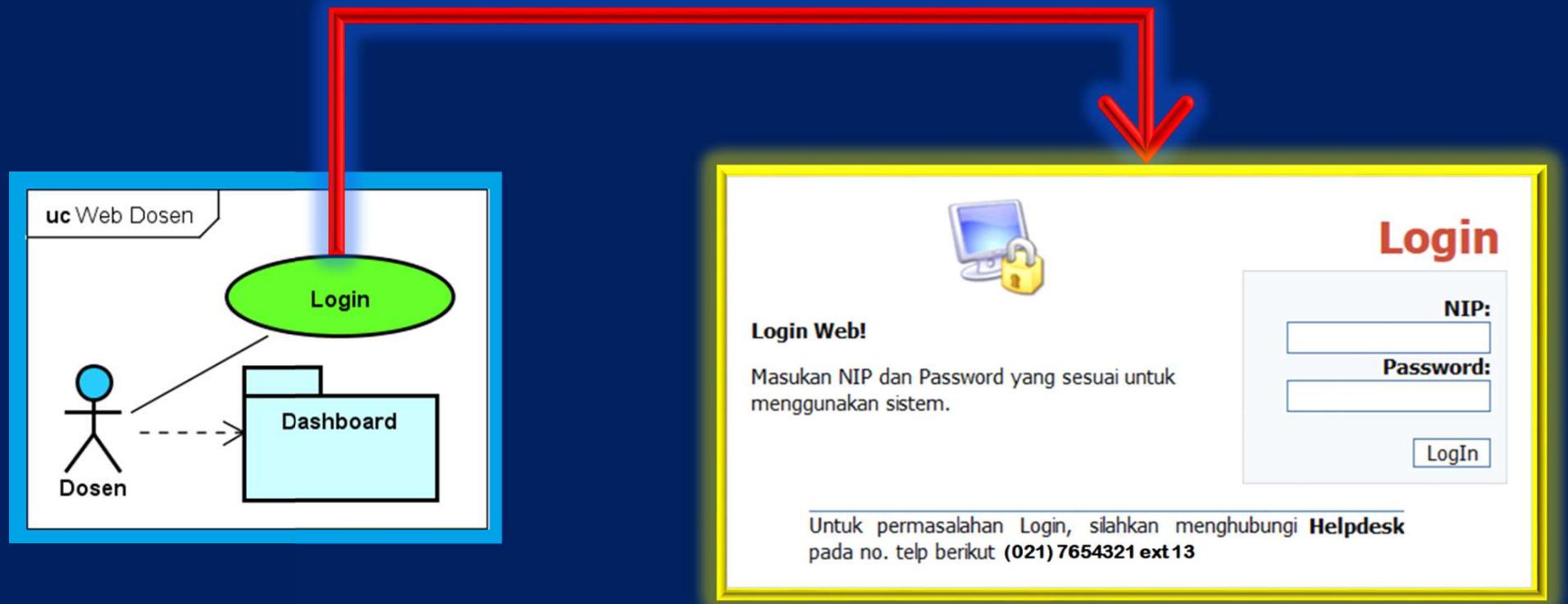
Isi Package Bantuan



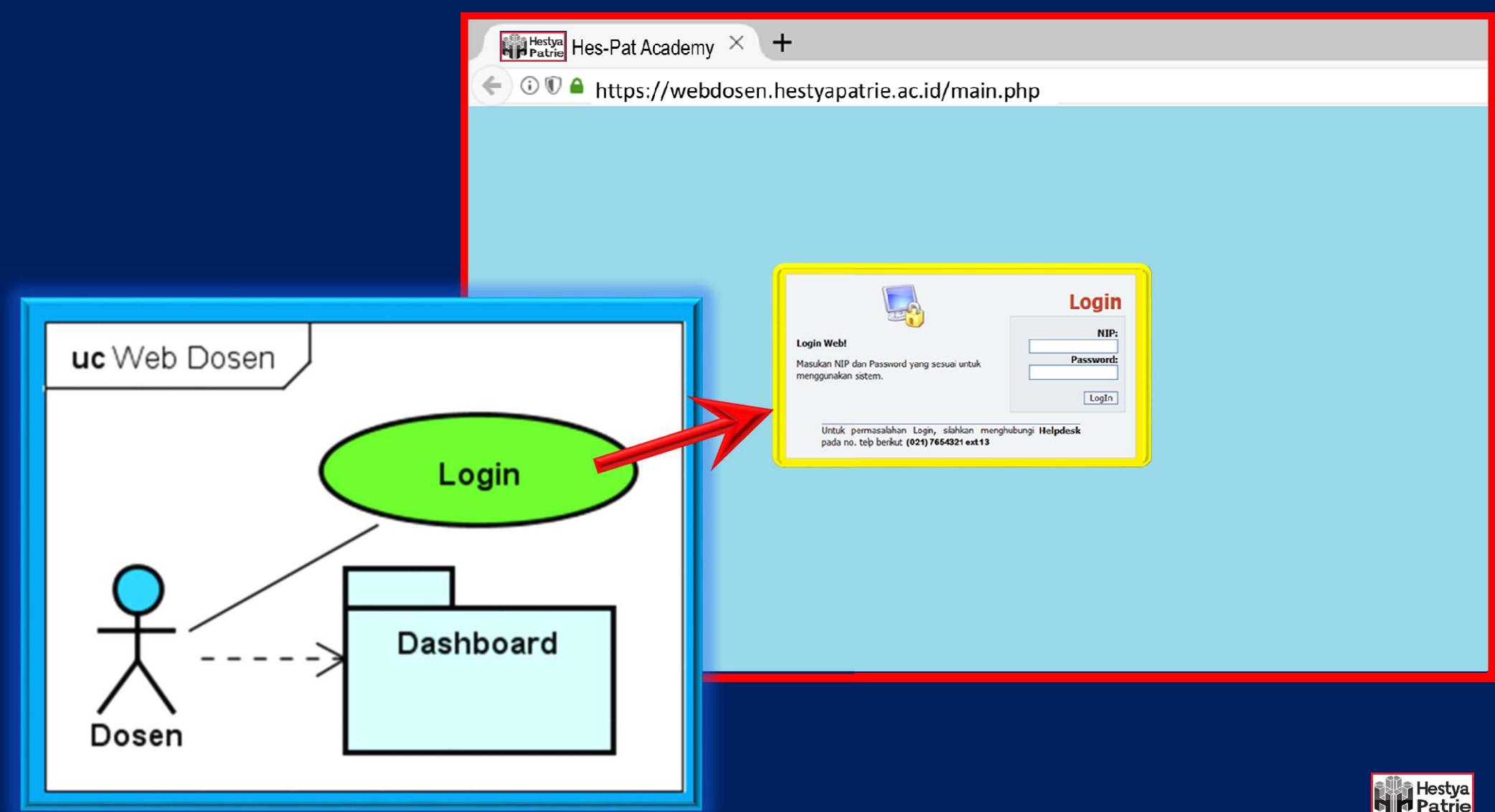
Isi Package Perkuliahan

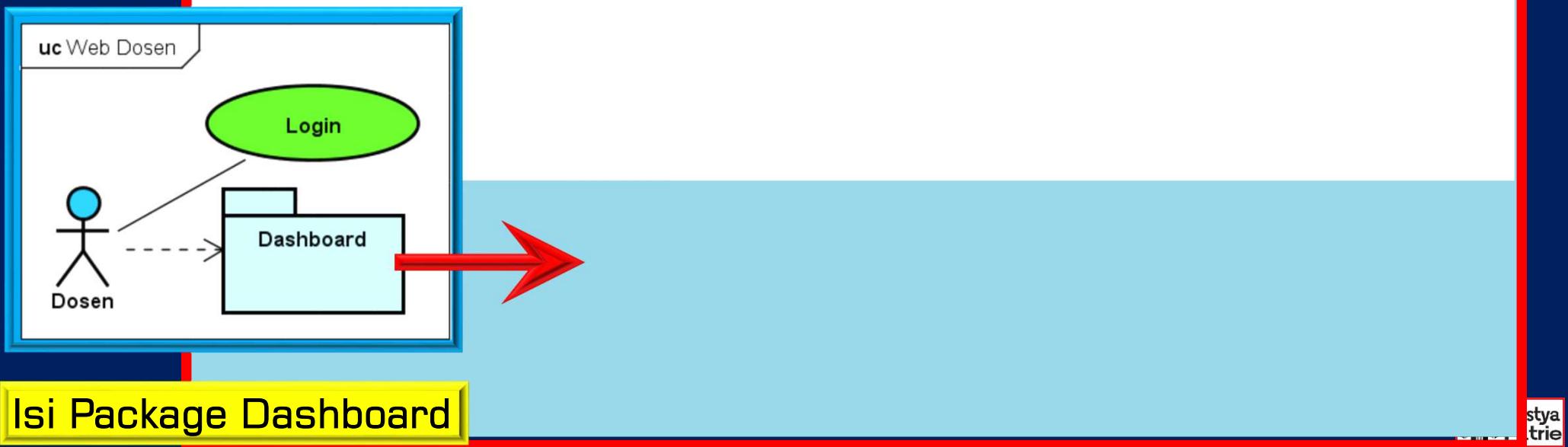
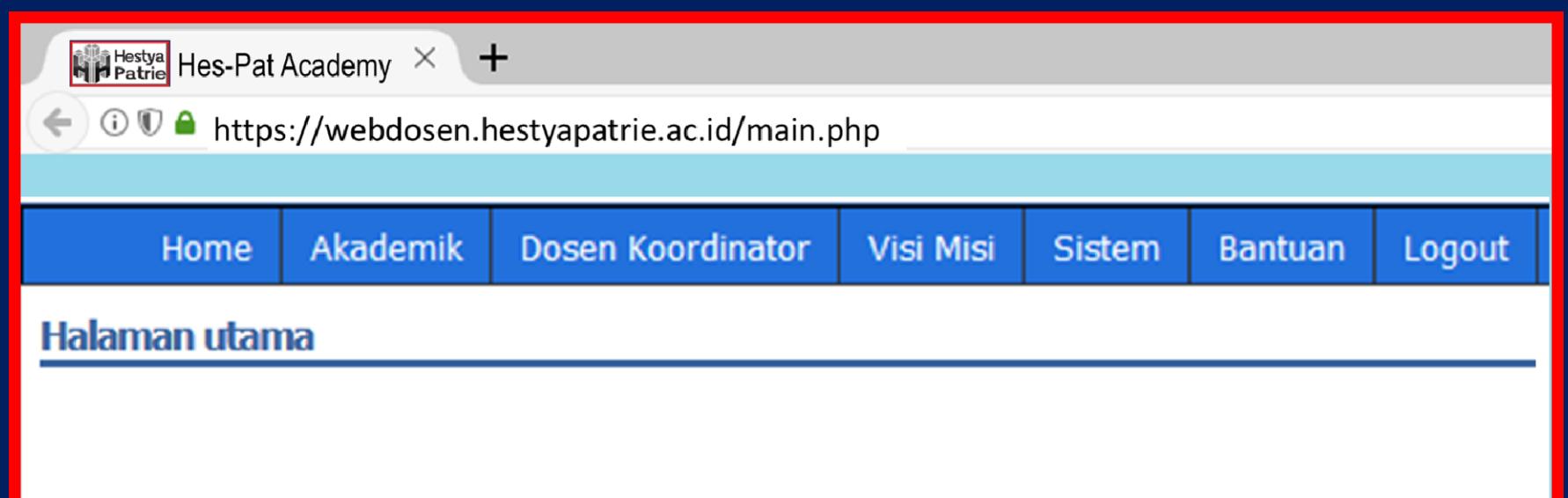


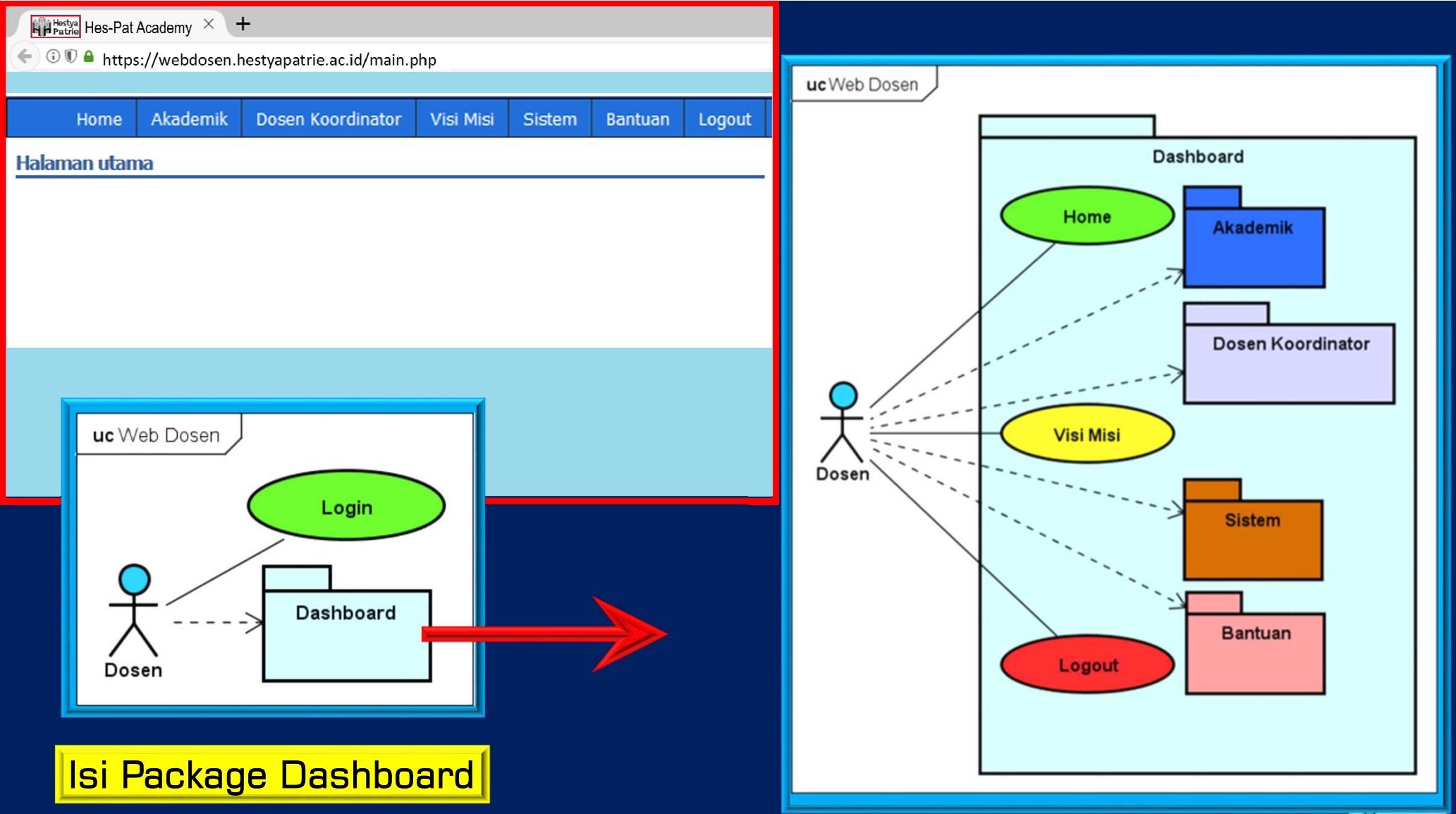
Isi Package Tugas Akhir



Untuk Sebuah Use Case Minimal
Dirancang Sebuah User Interface







The screenshot displays a web application interface for 'Hes-Pat Academy' at the URL <https://webdosen.hestyapatrie.ac.id/main.php>. A red box highlights the main content area. On the left, a user flow diagram titled 'uc Web Dosen' shows a 'Dosen' user interacting with various system components: 'Dashboard', 'Visi Misi', 'Sistem', and 'Bantuan'. Arrows indicate interactions from the user to each component. On the right, a navigation menu bar includes links for 'Home', 'Akademik', 'Dosen Koordinator', 'Visi Misi', 'Sistem', 'Bantuan', and 'Logout'. Below the menu, three specific academic sections are listed: 'Perkuliahana Reguler', 'Perkuliahana Pasca Sarjana', and 'Tugas Akhir'. A large red arrow points from the 'Akademik' link in the menu to the 'Perkuliahana Reguler' section in the content area. At the bottom of the page, a yellow box contains the text 'Isi Package Akademik'.

uc Web Dosen

Dosen

Dashboard

Visi Misi

Sistem

Bantuan

Logout

Home

Akademik

Dosen Koordinator

Visi Misi

Sistem

Bantuan

Logout

Perkuliahana Reguler

Perkuliahana Pasca Sarjana

Tugas Akhir

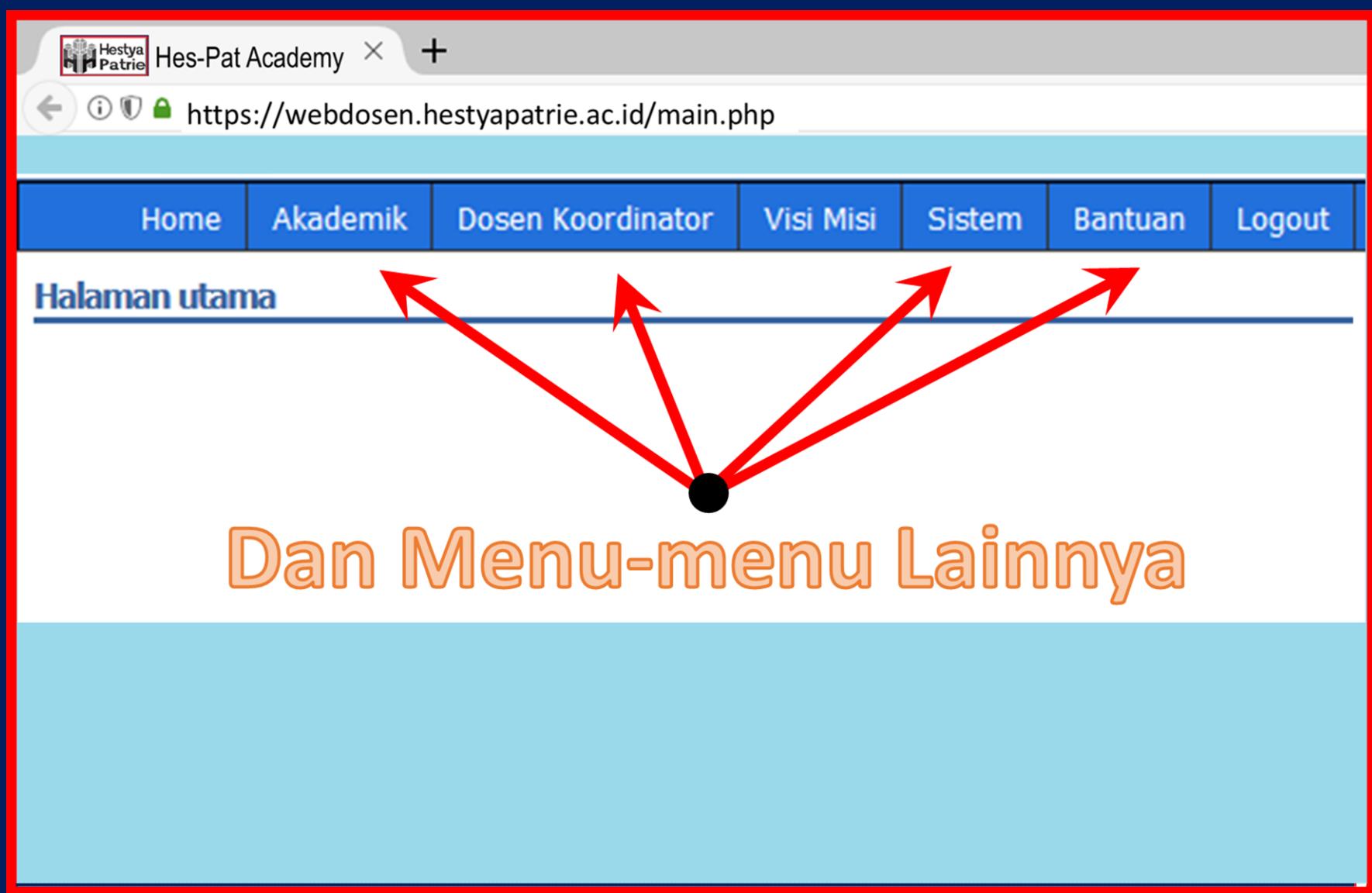
Isi Package Akademik

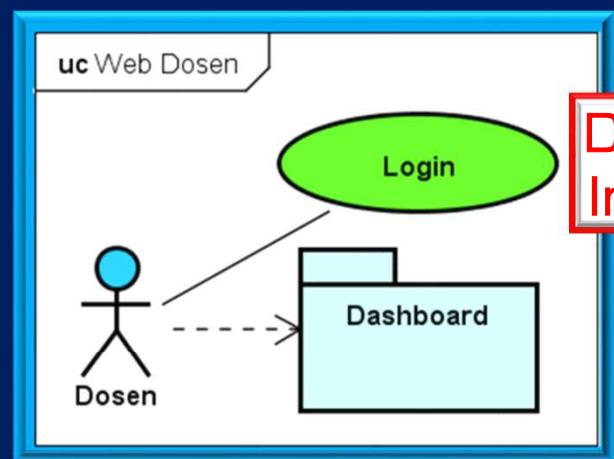
Hestya Patrie

The diagram illustrates the user navigation flow from a user profile to the Academic Package module. A stick figure labeled "Dosen" is connected by dashed lines to various menu items: "Home", "Visi Misi", "Sistem", and "Bantuan". A solid red arrow points from the "Akademik" button on the left dashboard to the "Akademik" tab in the top navigation bar of the main window. The main window displays the "Academic Package" (Academik) module, which includes sections for regular classes (Perkuliahan Reguler), postgraduate classes (Perkuliahan Pasca Sarjana), and final projects (Tugas Akhir). On the right side of the Academic Package, there is a vertical list of actions:

- Entri Absen Reguler
- Entri Nilai Reguler
- Entri Nilai Ujian Remedial
- Lihat Daftar SAP
- Lihat Jadwal Mengajar
- Cetak Histori Mengajar
- Pilih Hari Pengganti

At the bottom of the main window, a yellow banner reads "Academic Package". The top of the main window shows the Hes-Pat Academy logo and the URL https://webdosen.hestyapatrie.ac.id/main.php.





Dua User Interface



Login

Login Web!

Masukan NIP dan Password yang sesuai untuk menggunakan sistem.

NIP:

Password:

LogIn

Untuk permasalahan Login, silahkan menghubungi **Helpdesk** pada no. telp berikut **(021) 7654321 ext 13**

Login

Login Web!

Mohon masukan NIP dan Password yang sesuai !

NIP:

Password:

LogIn

Untuk permasalahan Login, silahkan menghubungi **Helpdesk** pada no. telp berikut **(021) 7654321 ext 13**

No. Use Case	
Nama Use Case	Login
Deskripsi	
Aktor Utama	Dosen
Aktor Pendukung	
Use Case yg di-Include	
Kondisi Awal	
Kondisi Akhir	
Pemicu	
Pengecualian	

uc Login

```

graph TD
    Start(( )) --> IsiNIP[Isi NIP]
    IsiNIP --> IsiPassword[Isi Password]
    IsiPassword --> TekanEnter[Tekan <ENTER> ?]
    TekanEnter --> KlikLogin[Klik Login]
    KlikLogin --> Periksa[Periksa Kesesuaian NIP & Password]
    Periksa -- Sesuai --> Masuk[Masuk Ke Sistem]
    Masuk --> End(( ))
    Periksa -- Tidak Sesuai --> Pesan[Tampilkan Pesan Kesalahan]
    Pesan --> Ulangi[Ulangi ?]
    Ulangi -- Ya --> IsiNIP
    Ulangi -- Tidak --> End
    
```

The diagram illustrates the login process. It starts with an actor (Dosen) performing the 'Isi NIP' (Enter NIP) action. This leads to the 'Isi Password' (Enter Password) action. Following this, the user is prompted to 'Tekan <ENTER> ?' (Press <ENTER> ?). If the answer is 'Ya' (Yes), the user performs the 'Klik Login' (Click Login) action. This leads to the 'Periksa Kesesuaian NIP & Password' (Check NIP and Password Consistency) action. If the check is successful ('Sesuai'), the user 'Masuk Ke Sistem' (Logs into the System) and the process ends. If the check fails ('Tidak Sesuai'), the user is shown an error message ('Tampilkan Pesan Kesalahan') and given the option to 'Ulangi ?' (Repeat ?). If the user chooses 'Ya' (Yes), they repeat the 'Isi NIP' step; if 'Tidak' (No), the process ends.

THANK YOU
FOR YOUR
CONTRIBUTION