



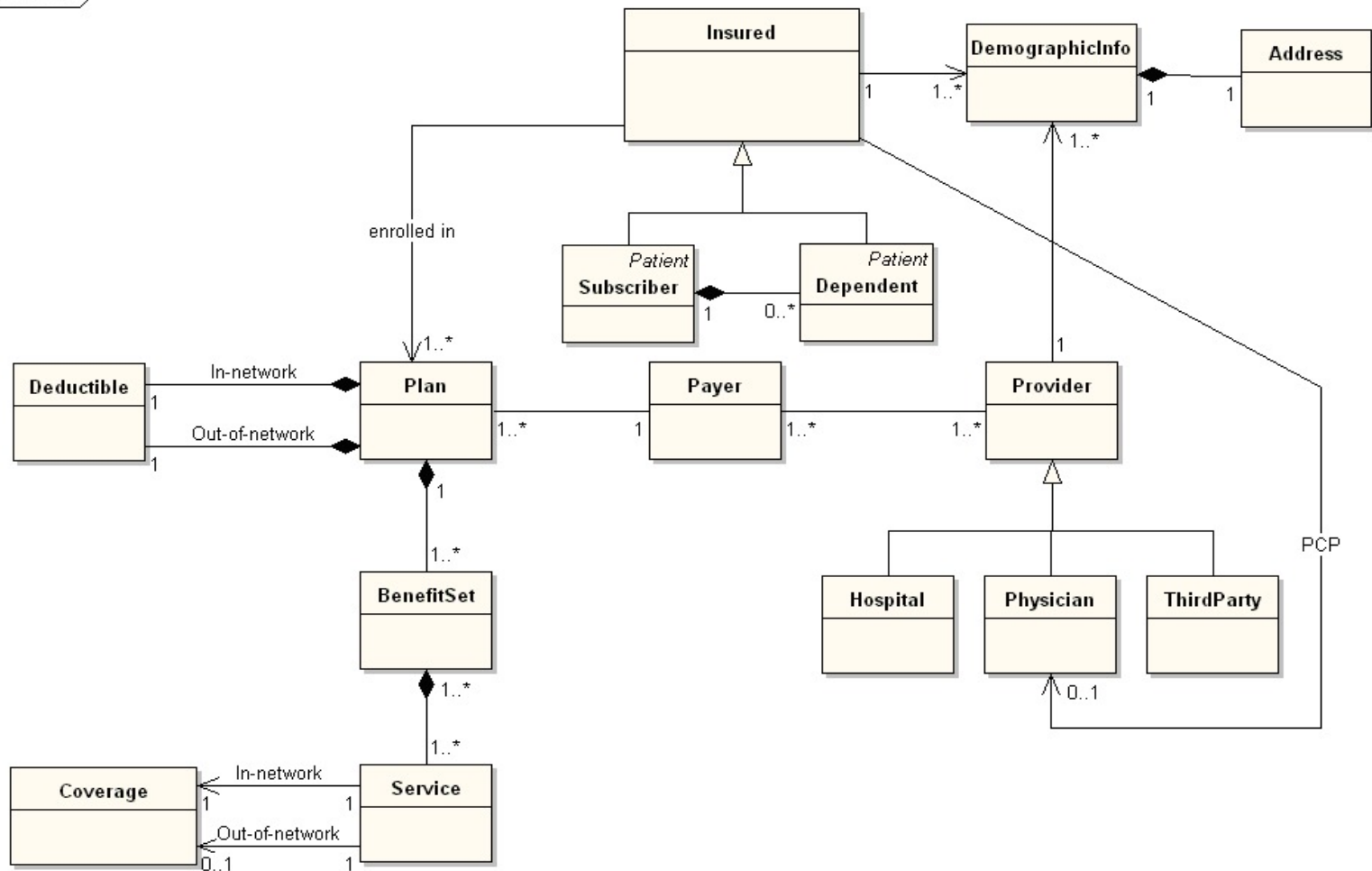
Sơ đồ Lớp với các Mô hình Ứng dụng

Hoàng Hữu Hạnh



Domain Model

class Plan



Kiến trúc 3-tầng

3-tier architecture

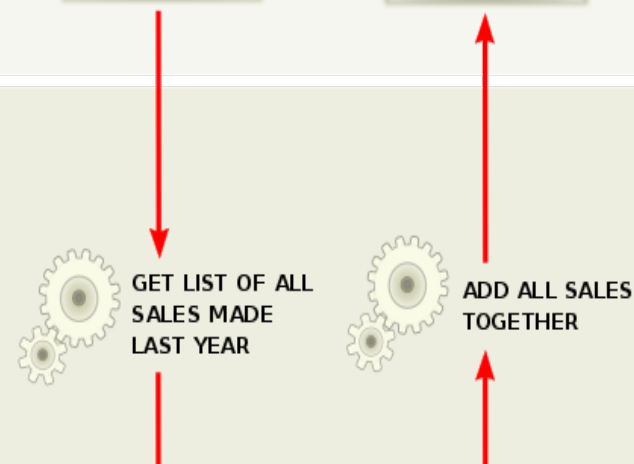
Presentation tier

The top-most level of the application is the user interface. The main function of the interface is to translate tasks and results to something the user can understand.



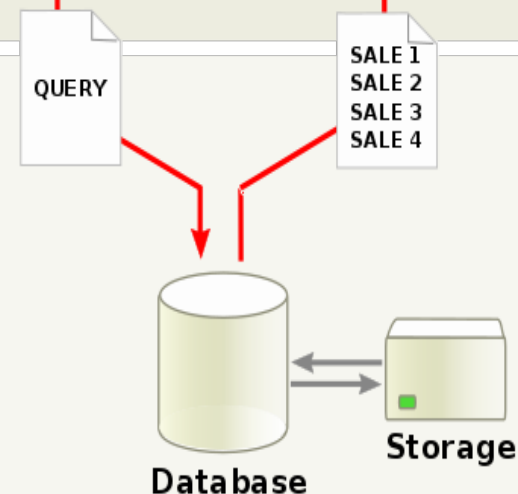
Logic tier

This layer coordinates the application, processes commands, makes logical decisions and evaluations, and performs calculations. It also moves and processes data between the two surrounding layers.

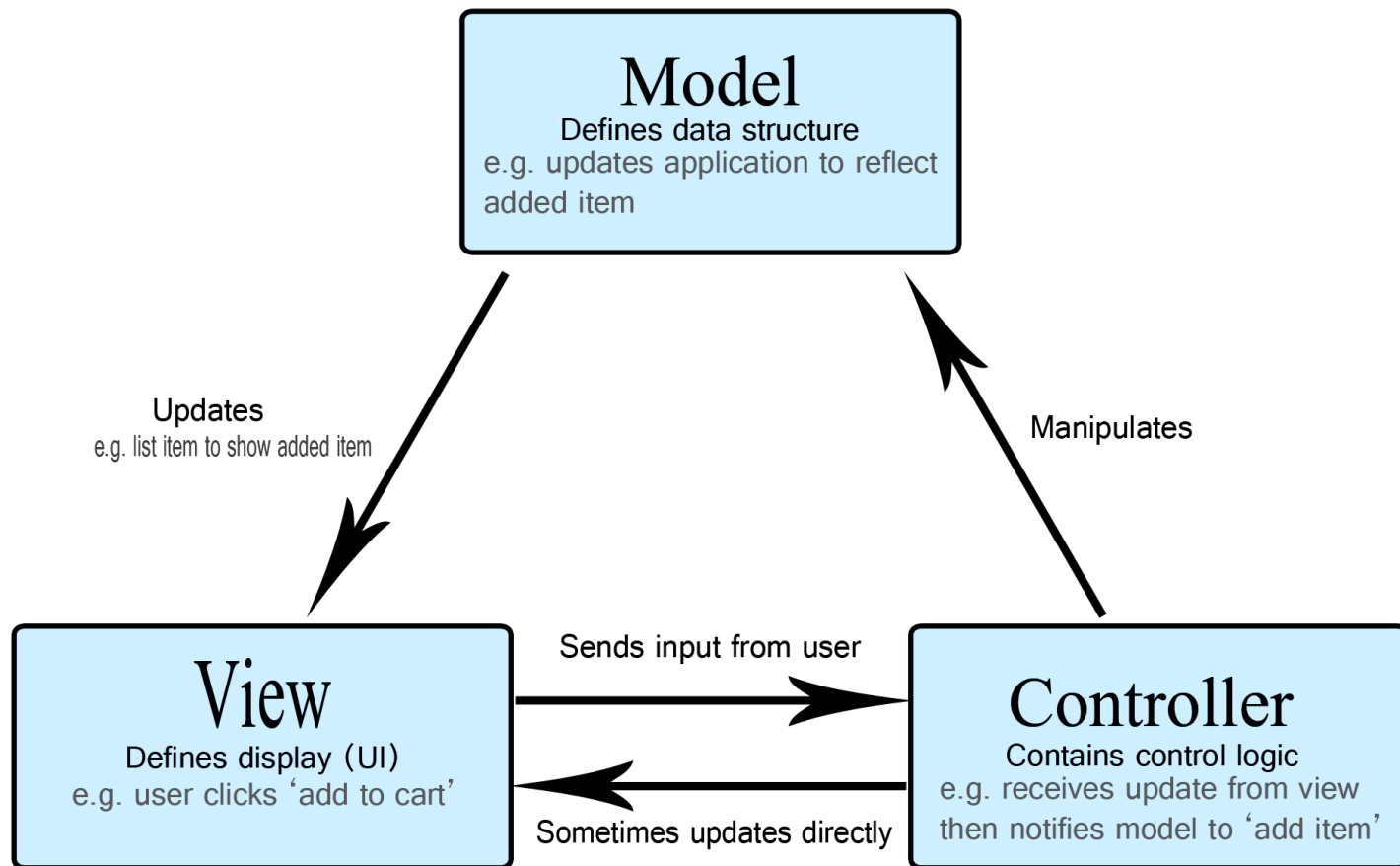


Data tier

Here information is stored and retrieved from a database or file system. The information is then passed back to the logic tier for processing, and then eventually back to the user.



Kiến trúc MVC



Đối chiếu với Kiến trúc 3-tier/MVC

**Presentation
View**



Boundary

**Business Logic
Control**



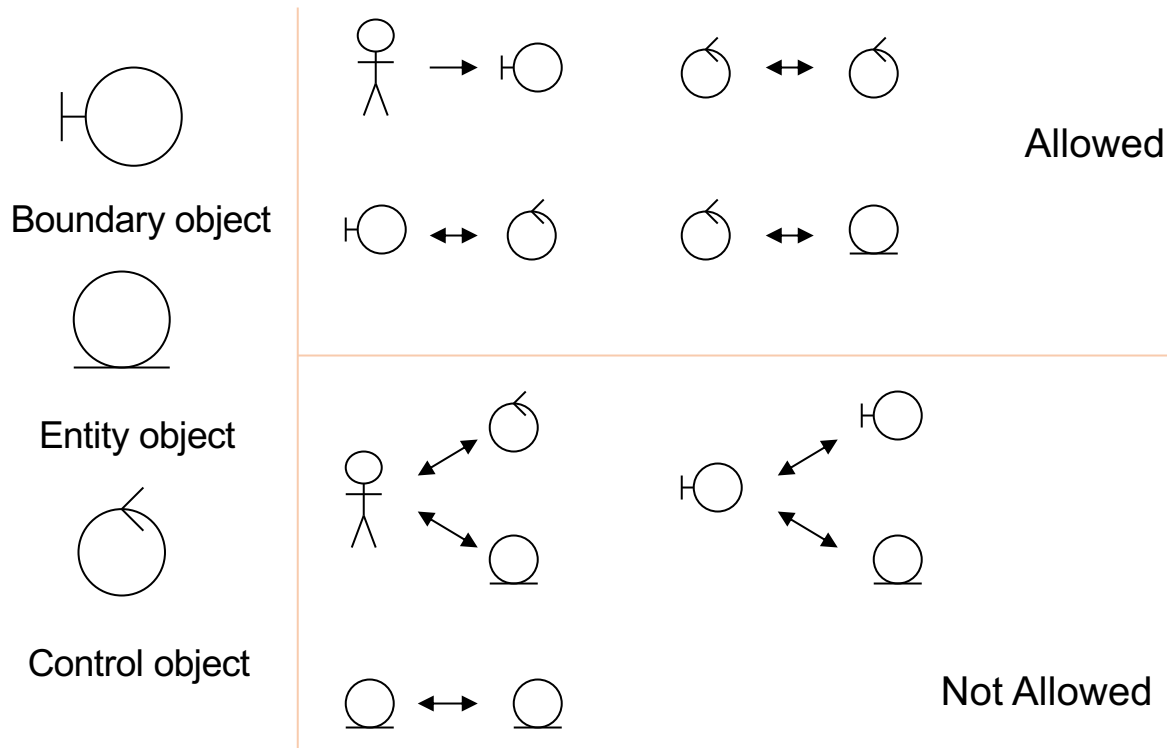
Control

**Data Access
Model**



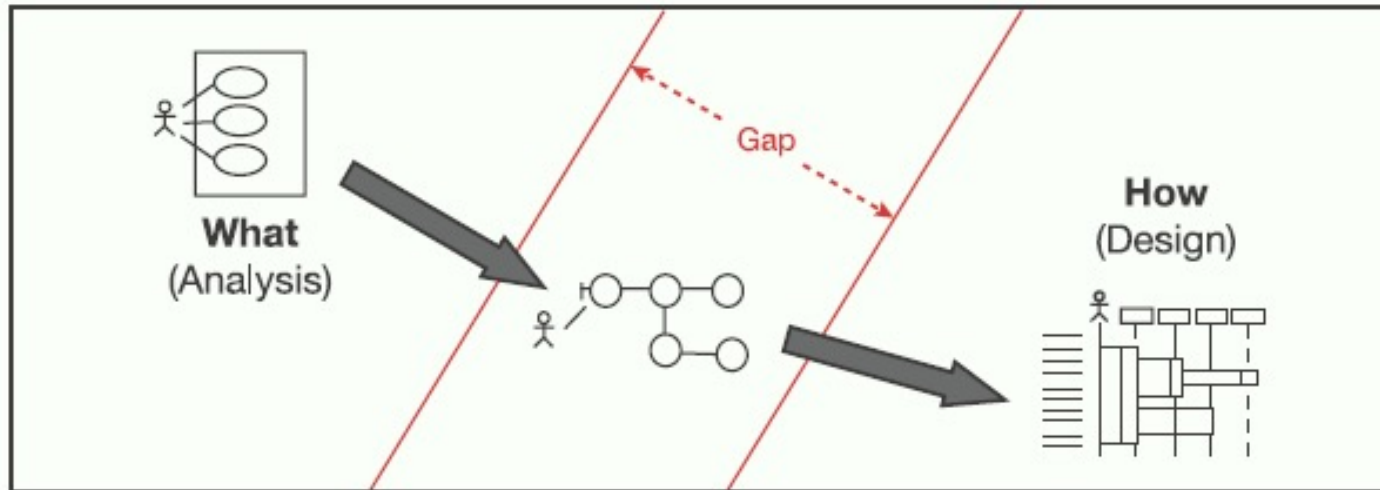
Entity

Vẽ các Biểu đồ Lớp Phân tích



Phân tích Tương tác (Robustness)

- Phân tích robustness cho ta biết đối tượng cụ thể nào trao đổi nhau, và trao đổi cái gì
- Giúp dịch các use-case sang các biểu đồ tuần tự
 - ➔ Nhưng, việc dịch này không thể thực hiện trực tiếp vì chúng ta không biết đối tượng nào ta có



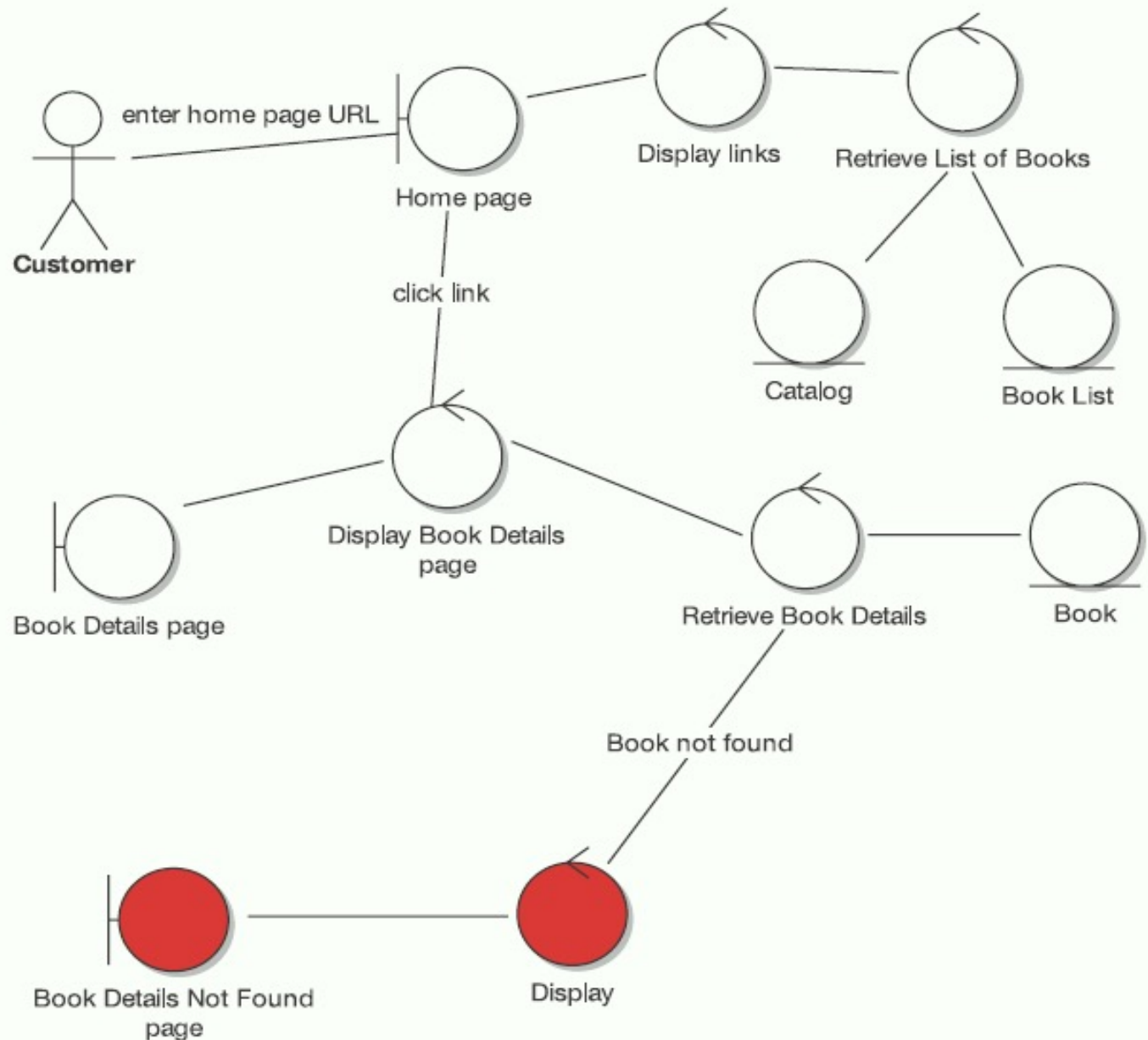
BASIC COURSE:

The Customer types in the URL for the bookstore's home page. The system displays a list of books from the Catalog on the home page, in the form of clickable links.

The Customer clicks a link on the home page, and the system retrieves the book details for the selected book and displays them on the Book Details page.

ALTERNATE COURSES:

Book Not Found: The system displays a Book Details Not Found page.



... đến Sơ đồ Tuần tự

