CRC Class Responsibility Collaboration

Why CRC cards?
To document the essential properties of a class.

One CRC for each class

Anthropomorphism: Pretending that classes have human characteristics

Analysts/development team role–play an instance of the class being analyzed:

Ask questions:
- Who are you?
- What do you know? (attributes)
- What can you do? (methods)

CRC card (front side)	
Class Name:　　　　**ID:**	**Class Type** (Abstract, Concrete, Domain):
Brief Description:	**Associated Use Cases:**

UC#	Responsibilities	Collaborators (classes)

CRC card (back side)	
Attributes	**Relationships** *with other classes*
	Generalization (is a):
	Aggregation/Composition (has parts):
	Association:

Example:
CRC Class Responsibility Collaboration

Why CRC cards?
To document the essential properties of a class.

CRC card (front side)	
Class Name: Patient **ID:**	**Class Type** (Abstract, Concrete, Domain): Concrete, Domain
Brief Description: A person that receives/received medical care	**Associated Use Cases:**

UC#	Responsibilities	Collaborators (classes)
3	Make appointment	Appointment
3	Get last visit	
5	Change status	
2	Provide medical history	Medical history
4		Medical fees

CRC card (back side)	
Attributes	**Relationships** *with other classes*
	Generalization (is a):
	Person
	Aggregation/Composition (has parts):
	Medical history: Composition
	Association:
	Appointment

Class Association Matrix (TBD next)

		Class								
		1	2	3	4	5	6	7	8	9
Class	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									