During the design phase of each project, you should use CRC cards. They really do help you think about a design.

CRC stands for "Class, Responsibilities and Collaborations." CRC cards are used as a design tool for Object-Oriented Design (OOD).

We suggest blank 3x5 cards. One card for each class that is organized as below:

```
 _____
|      CLASS NAME           |    SUPER CLASS NAME        |
|---------------------------------------------------------|
|     RESPONSIBILITIES       |    COLLABORATIONS          |
|                           |                           |
|State-What information must |What objects and their      |
|  be maintained by object?  |  methods does the          |
|                           |  class use to fulfill      |
|Behavior-What actions must  |  its responsibilities?     |
|  object be able to perform?|                           |
|                           |Write collaborations as    |
|                           |  the messages needed to   |
|                           |  be sent.                 |
|                           |                           |
|                           |                           |
|                           |                           |
 ---------------------------------------------------------
```

The Form of a CRC Card

The designer draws a T on the blank card and fills in the class name, super class name at the top and the answers to the three design questions.

A pack of 100 3x5 blank cards cost about $1 in bookstore.