

## **Use Case 1 ----- Adding a new book**

**Primary actor:** Reader

**Scope:** Book Manager

**Level:** User goal

### **Stakeholders and Interests:**

Reader ----- wants to manage books using Book Manager. Here Reader wants to add a new book.

Book Manager ----- respond to the Reader as he ask. Here it wants the information of the new book.

**Preconditions:** Book Manager runs normally.

**Minimal guarantees:** records that already exist would not lose / still exist.

**Success guarantees:** The new book's information is added in the database.

### **Success scenario:**

1. Reader decides to add a new book.
2. Book Manager gather the information of the new book, such as name, author, version and press.
3. Book Manager add a new record in the database.
4. Book Manager gives a response to tell the Reader the new book has been successfully added.

### **Extensions:**

- 2a. Cannot distinguish the format of the input book information.
  - 2a1. Do not allow illegal symbols exist in name, author name or version.
- 2b. Do not exist such a press that input.
  - 2b1. Offer a list of presses that may suit in case that the Reader made a mistake. If Reader sure he's right, then allow add a new press.
- 3a. Database failed.
  - 3a1. Record actions in a temporary file every time before operating.