

CRUD Technique

The CRUD technique for validating and refining use cases includes these steps:

1. **Identify all the domain classes** involved in the new system. Chapter 4 discussed these in more detail.
 2. For each type of data (domain class), **verify that a use case** has been identified that **creates** a new instance, **updates** existing instances, **reads or reports** values of instances, and **deletes** (or archives) an instance.
 3. If a needed use case has been overlooked, add a new use case and then **identify the stakeholders**.
 4. With integrated applications, make sure it is clear which application is responsible for adding and maintaining the data and which system merely uses the data.
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Brainstorming Technique

Here are the steps to follow when using the brainstorming technique:

1. **Identify a user** and a set of **use cases** or **user stories**.
2. **Brainstorm** with the user to **identify** things involved when carrying out the use case—that is, **things about which information should be captured** by the system.
3. Use the types of things (categories) to **systematically ask questions** about potential things, such as the following: Are there any tangible things you store information about? Are there any locations involved? Are there roles played by people that you need to remember?
4. Continue to work with all types of users and stakeholders to **expand the brainstorming list**.
5. Merge the results, **eliminate any duplicates**, and compile an initial list.