

**Consider the simple
homework submission system
that many of you have encountered
in a CS course or two...**

- 1. List the *users* of the system.**
- 2. List or diagram the *functions* of the system.**
- 3. List the *features* of the system.**
- 4. As student users, list features you would like to see *added* to the system.**

... look at student analysis of the
homework submission system ...

**Analysis is the study
of a problem prior to
taking an action.**

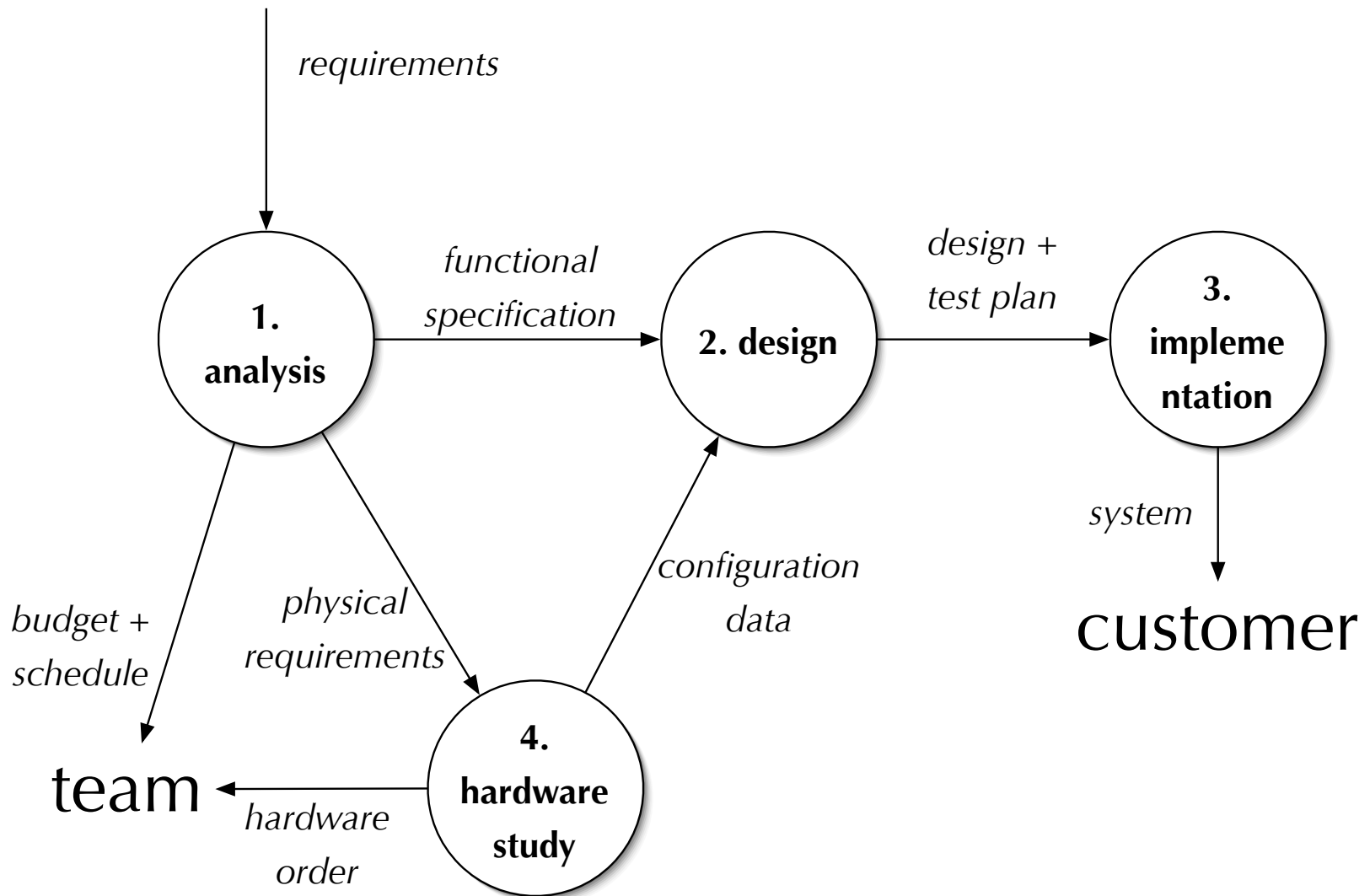
Successful analysis involves:

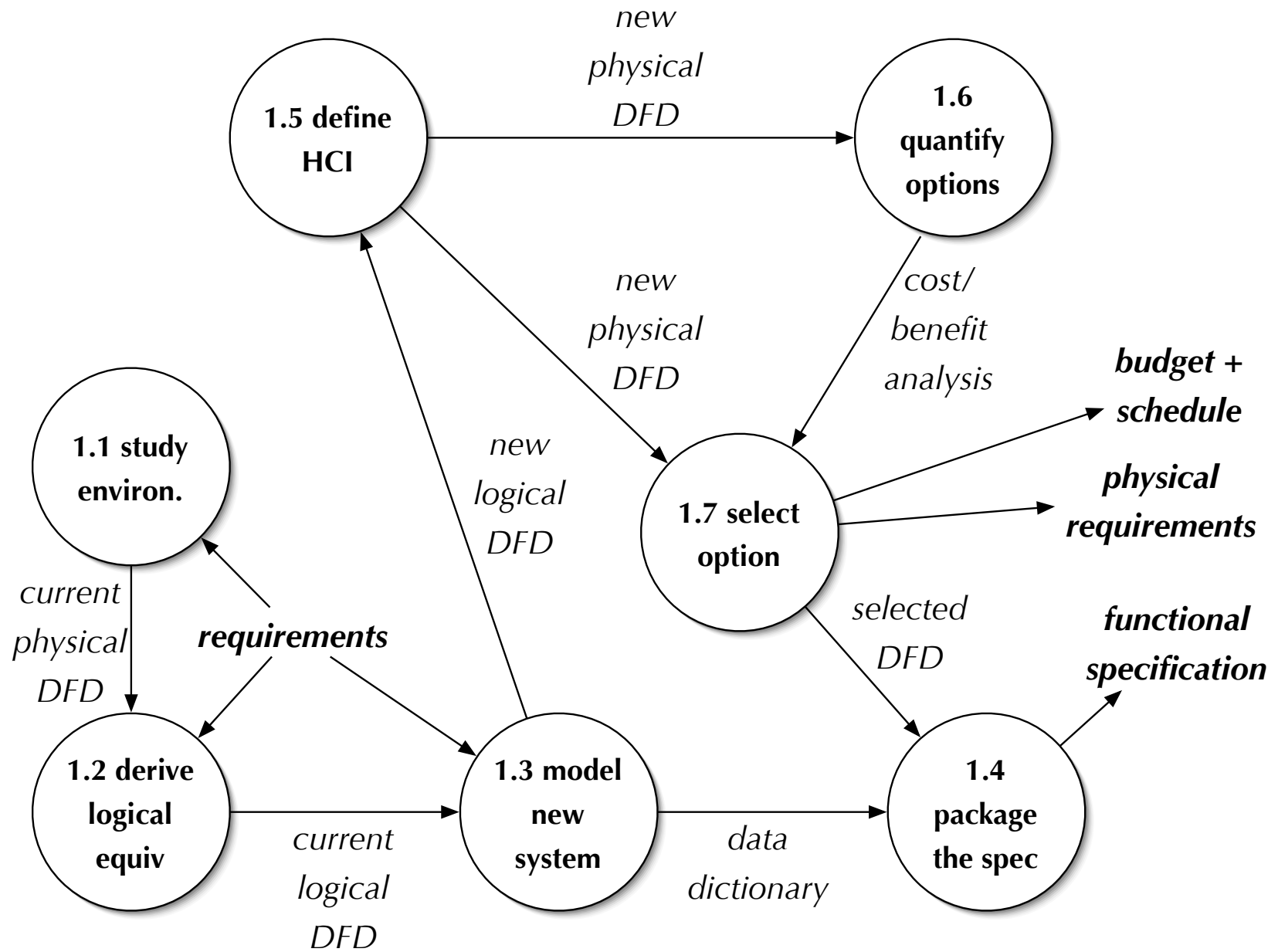
- documenting the existing system in detail
- selecting an optimal target system
- documenting the target system in detail
- producing accurate predictions about the target system
- obtaining validation of the preceding items from all stakeholders



... look at example analysis of a
company's seminar system ...

customer





*Returning to the current
CS homework submission system...*

**Draw a data flow diagram
that documents
the users and functions
of the system.**

**How do the features that you would like
added to the system change the DFD?**

**You can observe a lot
just by watching.**

