



Computer programming is a human activity

-- Gerald Weinberg [1971]

Left – Jerry today, at home in NM with Dani and Sweetie and Honey.

From <http://www.geraldmweinberg.com/BIOStuff/EachBIO/bio.Jerry.html>

The Software Team

CSSE 371, Software Requirements and Specification

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In the book – This is Ch 4

Ok, let's try some teaming...

- Do it first,
- Then the “lessons” might sound familiar...

- We'll divide into teams & roles.
- I'll be the client.
- If your team has any questions, you can send one person up to ask questions.
- You are competitors, so only one team at a time listening to the client.
- The client decides if your output is acceptable or not. When they like it, you are done!



Warped cards from www.tuscanrose.com/neat_stuff.htm

Outline

1. Effective Requirements Mgmt
← an effective team
2. Everybody on the team is involved
3. Takes some specific skills



Left – The team who developed the original Macintosh, from <http://www.folklore.org/ProjectView.py?project=Macintosh&gallery=1>
A quote from the same page:

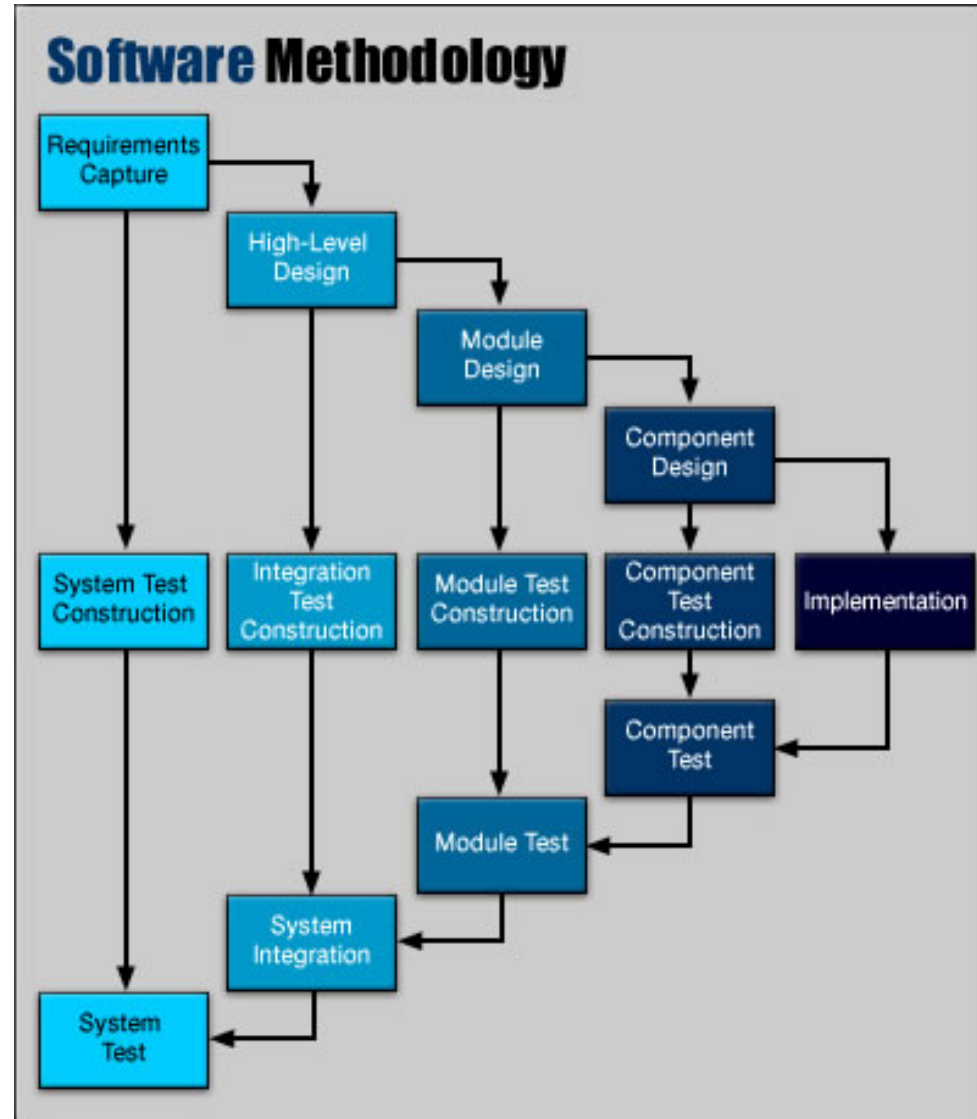
“Technique alone is never enough. You have to have passion. Technique alone is just an embroidered pot holder.”

-- Raymond Chandler

1. Effective Requirements Mgmt ← an effective team

Ok then, what does the team have to do?

- *Right* -- One team's list of software activities –
- Typical?
- Effective?



2. Everybody on the team is involved

You'd think this'd be easy, but...

- Isolation of many team members from the requirements is a very common cause of project failure.
- Picture how this works...
We're in here working on it, the targets (client, customers, users) are all "out there"...
- How does "extreme programming" try to address the problem?

3. Takes some specific skills

The HOLIS Case Study

- What did they have to do?
- Were they organized for effective requirements mgmt?

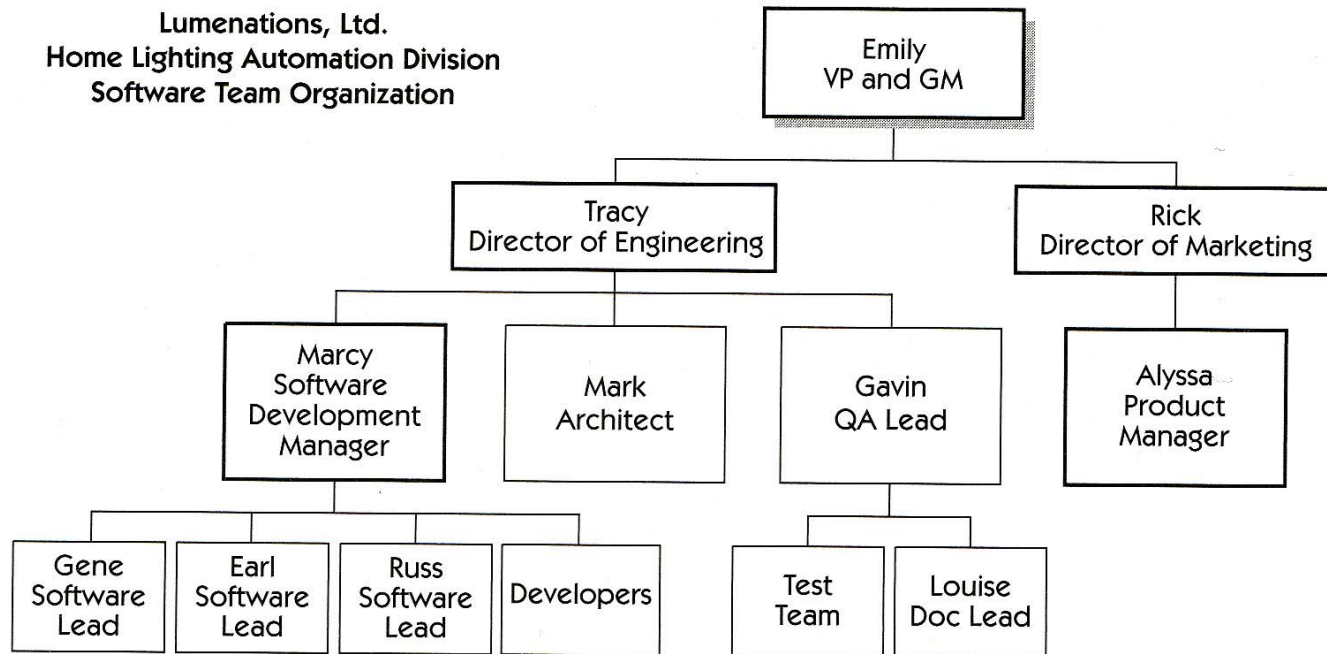


Figure 4-1 The HOLIS software development team

What other issues did you observe?

- In your “team assignment” just now...