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Building a House (2 of 4)

Functional Specifications Refined

- ~ 2,500 sq. ft.
- \$275,000 \$325,0000

What do you need to know next?

- 4 Bedrooms
- · 2.5 Bathrooms
- · Formal Living Room and Family Room
- Study
- · 2-Car Garage
- · Walk-Out Basement



Interactions With Your Client

Functional Specifications

- · Derived With/From Client
- · Documented For Client
- · Presented to Client
- · Agreed Upon With Client
- · Your Job to Capture the Client's Intent!

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Technical Specifications

☑ Functional Specifications

⊠Design Specifications

☐Technical Specifications



Design Specification

- Written Document
- Includes
- Process Flow
- Use Cases
- Screen Mockups
- Data Flow Diagrams
- Data Organization
- Etc...
- · Identifies All the Parts and Their Interactions
- · (Mostly) Understandable by End User
- Usually Refined



Building a House (3 of 4)

Design Specifications

- · Mission Style, Stone Front
- · Lots of Light
- · Kitchen Connected to Family Room
- · Master Bedroom on Main Floor
- Cathedral Ceilings

What else will you

Granite Counter Tops

need to know to

• Etc...

build the house?

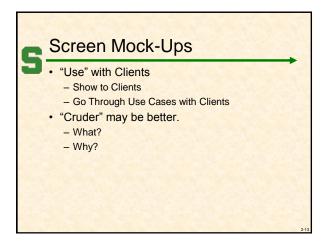
(Note: Understandable by "User")

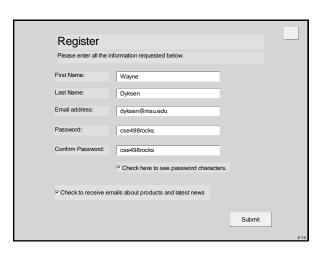


Screen Mock-Ups

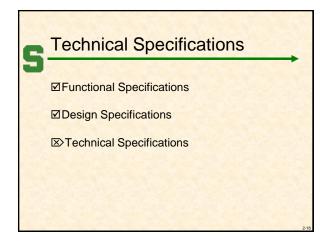
- · User Interface Only
 - Shows Layout, Buttons, Pull-Downs, Etc...
 - Non-Functional
 - No Back End
- Helpful for Developing
 - Look-and-Feel
 - Use Cases
- Can Create with...
 - Pencil and Paper
 - PowerPoint (Developer View)
 - Etc...

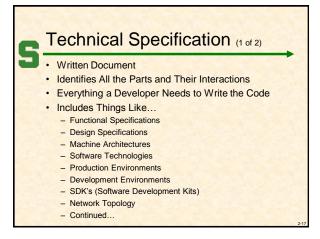
Dr. Wayne Dyksen 2-2 Michigan State University

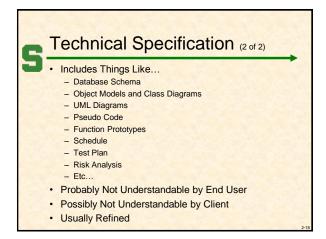


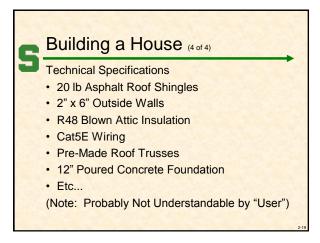


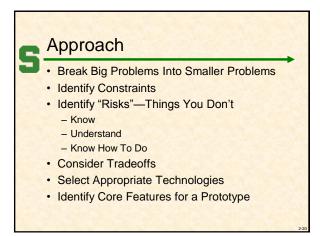












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Cannot be emphasized enough!

