

Requirements

Requirement creation:

TEAM: _____



Requirements:

Formalize what the design has to accomplish... Function, interaction, character

“The design should...”

Specify the need, not the solution:

–Good: “provide space for a family of six to eat together”

–Bad: “include a dining table in the middle of the room.”

Requirements-Criteria for success

Example: Safety, Function, Quickness to implement, Cost
 Add Qualifiers (less than, completed in 5 weeks, etc.)

Make a list

Initial List of Requirements	
Safety	The design should: Not have pinch points Not have sharp features exposed to users Not be applied to people ...
Function	Not over drive or under drive nails Allow for accurate nail placement Be durable Drive one nail quickly Drive many nails in a session Drive most roofing nails and similar nails, such as for barrier material ...
Interaction	Be accessible to colorblind people Be easy to position Allow a person to use it for a long time without getting fatigued Be ergonomic Be transportable Require only one person to operate Be easy to maintain Allow a person to discover how to use it easily ...
Character	Provide a feeling of satisfaction when operated Appear rugged and durable Have a modern look that fits the other equipment on the site

