it’s not just about doing...

it’s about thinking about what you are doing
2.009 Product engineering processes today

Assembly review details

Consulting strategy and preparation for assembly review
but first...
another mini quiz

list 4 design-for-manual-assembly guidelines
last class
the principle of Pragnanz means...

"pregnant nancy"

we will perceive the lowest information content interpretation
last class
form follows function means…

# Responses

- instructs how to use/interact: 80
- instructs how it works/purpose: 10
- design inspired by function: 5
- function comes first/is more important: 5
- other: 5
- none: 5
last class

KISnS stands for...

keep it simple, NOT stupid

perfection is reached not when there is no more to add but when there is no more to take away

Antoine de St. Exupéry
29 June 1900—31 July 1944, writer, aviator
Assembly review

overview

digital submission 11 PM, Tuesday October 30 (red, green, blue, yellow)
digital submission 11 PM, Thursday November 1 (pink, orange, purple, silver)
images (up to 10), CAD files, list of who-did-what, product contract
product variations
storyboards, circuit designs, etc.
Assembly review

Overview

10 minute presentations/discussion
Wednesday October 31 (red, green, blue, yellow)
Friday November 2 (pink, orange, purple, silver)

project your contract (or large mounted poster)

show your most current work
not a homework assignment!

can work in pairs, everyone must contribute
no make work!
avoid meaningless detail
keep working to understand user needs
keep doing tests
Assembly review

presentation tips

focus the design
(product use cycle/storyboard, design vision variants, design details for the variants)

contact should be clearly visible throughout but spend your time on the design

use your own computers. Please make sure you have adaptors.
Test 7-9 PM Tuesday and Friday 8-9 AM in 10-250

it is a discussion, not a canned 10 minute talk. It is not about selling us on the product. Tips are linked on the home page

think about where you would like to have input

link to upload assembly files is on home page
# Pappalardo Consulting

## Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Wallace Brisson Berezin</th>
<th>Braunstein Clavin</th>
<th>Podoloff Roche Sutliff</th>
<th>Seering Banzaert McKee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:25</td>
<td>Silver speed bump</td>
<td>Orange thermoFloat</td>
<td>Green easy lift</td>
<td>Red canary</td>
</tr>
<tr>
<td>1:40</td>
<td>Pink hammerhead</td>
<td>Yellow lifeLine</td>
<td>Purple rhea</td>
<td>Blue safe blade</td>
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