Mockup Review
HEROBO
An Affordable Therapeutic Robot
Needs
Needs
Needs
Needs
Needs
Needs
How can we create an interactive product?
How can we create an interactive product?

How can we test this product with user?
<table>
<thead>
<tr>
<th>Consumer Need</th>
<th>Product Attribute</th>
<th>Engineering Spec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relieves Behavioral and Psychological</td>
<td>Improves communication</td>
<td>90% Approval</td>
</tr>
<tr>
<td>Symptoms of Dementia (BPSD)</td>
<td>Relieves stress</td>
<td>Increase in 17-Ketosteroid</td>
</tr>
<tr>
<td></td>
<td>Improves emotional well-being</td>
<td>Decrease in score on The Face Test^2</td>
</tr>
<tr>
<td>User Engagement</td>
<td>Form-Factor</td>
<td>Quality plush, realistic movement, non-threatening</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and non-domesticated animal</td>
</tr>
<tr>
<td></td>
<td>Percent time in use</td>
<td>60% Use</td>
</tr>
<tr>
<td></td>
<td>Rate at which it is repositioned</td>
<td>8 times per hour</td>
</tr>
<tr>
<td>Customer Need</td>
<td>Cost</td>
<td>$400-600</td>
</tr>
</tbody>
</table>


Motor Controls

Touch Sensors

Motor Controls

Touch Sensors
Next Steps
Next Steps

More realistic motions
Next Steps

- More realistic motions
- Artificial Intelligence
Next Steps

- More realistic motions
- Artificial Intelligence
- User testing
Thank You