Gripper for Individuals with Limited Mobility

People who have difficulty or pain when moving their hands

- Arthritis

Future Improvements
- Twisting mechanism
- Greater motor strength
- Better materials
- Larger grip size
- Better grip strength

References:

Morphological Chart

<table>
<thead>
<tr>
<th>Claw Material</th>
<th>Rubber</th>
<th>Plastic</th>
<th>Felt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Claw Shape</td>
<td>U-Shaped</td>
<td>2 Points of Contact</td>
<td>4 Points of Contact</td>
</tr>
<tr>
<td>Arm Length</td>
<td>Short</td>
<td>Medium</td>
<td>Long</td>
</tr>
<tr>
<td>Arm Segment Length</td>
<td>Short</td>
<td>Medium</td>
<td>Long</td>
</tr>
<tr>
<td>Actuator</td>
<td>Button</td>
<td>Clamp</td>
<td>Electronic Joystick</td>
</tr>
</tbody>
</table>

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