



Team 14: Bathroom Booster

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The Problem

Using the bathroom is a regular activity where both autonomy and privacy are highly valued, yet the complications of old age often rob people of these rights. Whether it is feebleness or a lack of mobility, a simple activity like using the bathroom can become complicated and dangerous.

The Goal

The goal of the Bathroom Booster is to design a power-assisted toilet seat that can help elderly people easily and safely transition between sitting and standing when using the bathroom. We plan to improve on other toilet lift designs through an adjustable and affordable design. Our aim is to create a lift that can seamlessly replace the toilet seat of any toilet, whether in a private setting or a nursing home. The design will be simple to understand and operate to support independence in the bathroom.

The Team



From left to right: Jordan Tuter (ME), Caleb Styf (ME), Claire Sheppard (ME), Sawyer Masselink (ME)