Project Goal
Our goal is to create a product to clean and disinfect everyday items of young professionals between the ages of 25-35. We will use UV-C technology to remove 99.99% of germs, bacteria and other viruses while preventing the UV rays from harming the user with safety precautions.

Essential Features
- UV-C modules for sanitization
- UV-C and LED Light turns on and off automatically with zipper opening and closing
- Phone charging with battery bank
- Solar panels to maximize battery life
- Ripstop Nylon or carbon fibre material
- Controller to change music, accept calls, adjust UV-C, and change LED light settings.
- Clear grid organizer to keep items secured and sanitized
- Easy-access compartment for most commonly used items
- 45 Degree Bottle Storage

Timeline: Fall 2020

Contact Info
Team Members:
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Company Sponsor
SHARPER IMAGE
Advised by:
Pip Tompkin & Adam Gromfin

Prototype Budget
Preliminary Prototype Budget
- Smart Features 9.6%
- Electronics 22.9%
- Bag/Backpack 32.4%
- UV/Disinfecting 35.2%

$10.00  $24.17  $37.20  $34.17

Team Structure
Team Lead
Wei-En Chen
Mechanical
Dustin N. Lorjean S.
Electrical
Wei-En C. Yewen W.
Software
Jonathon M.