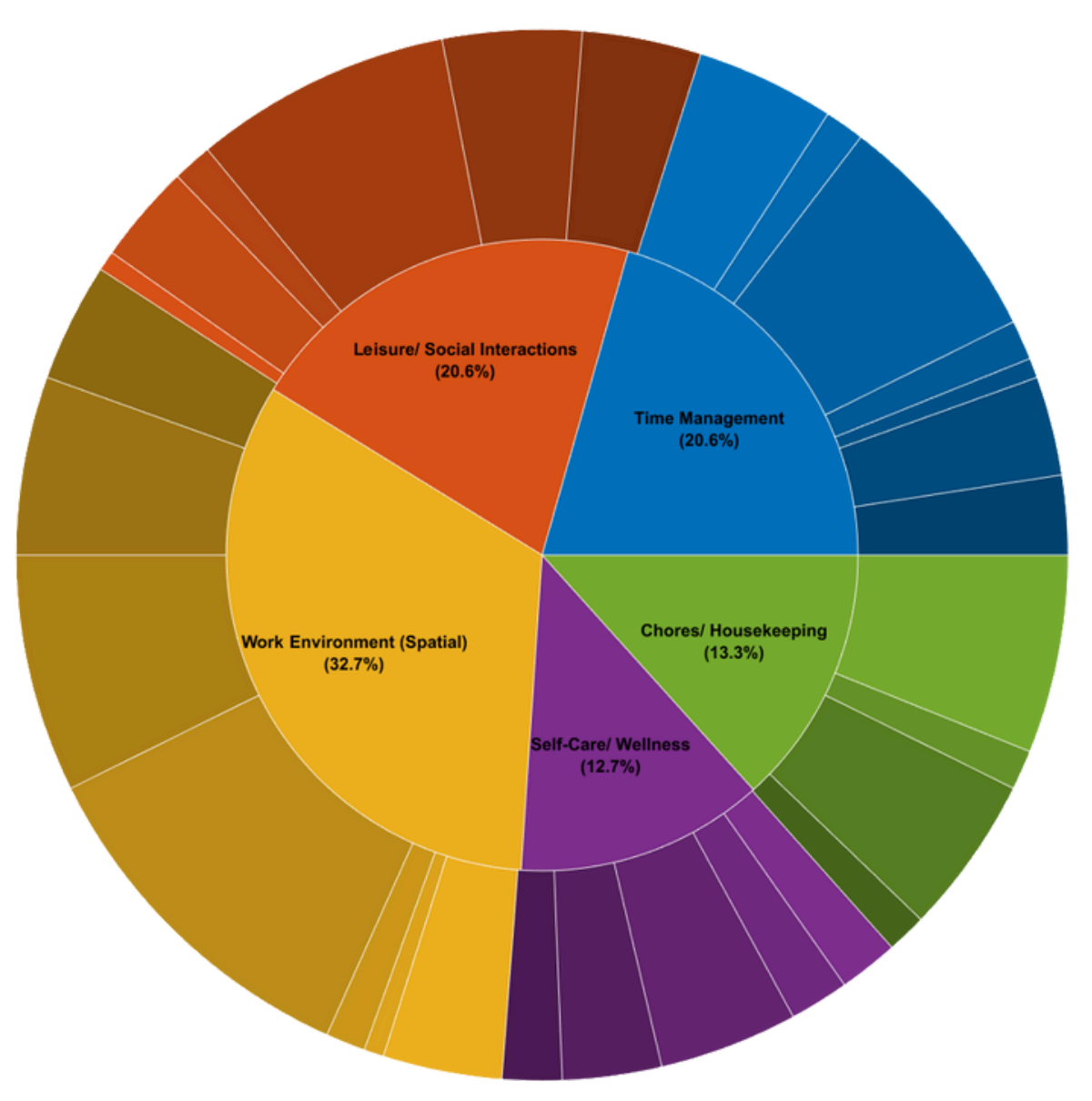


BACKGROUND AND CUSTOMER REQUIREMENTS

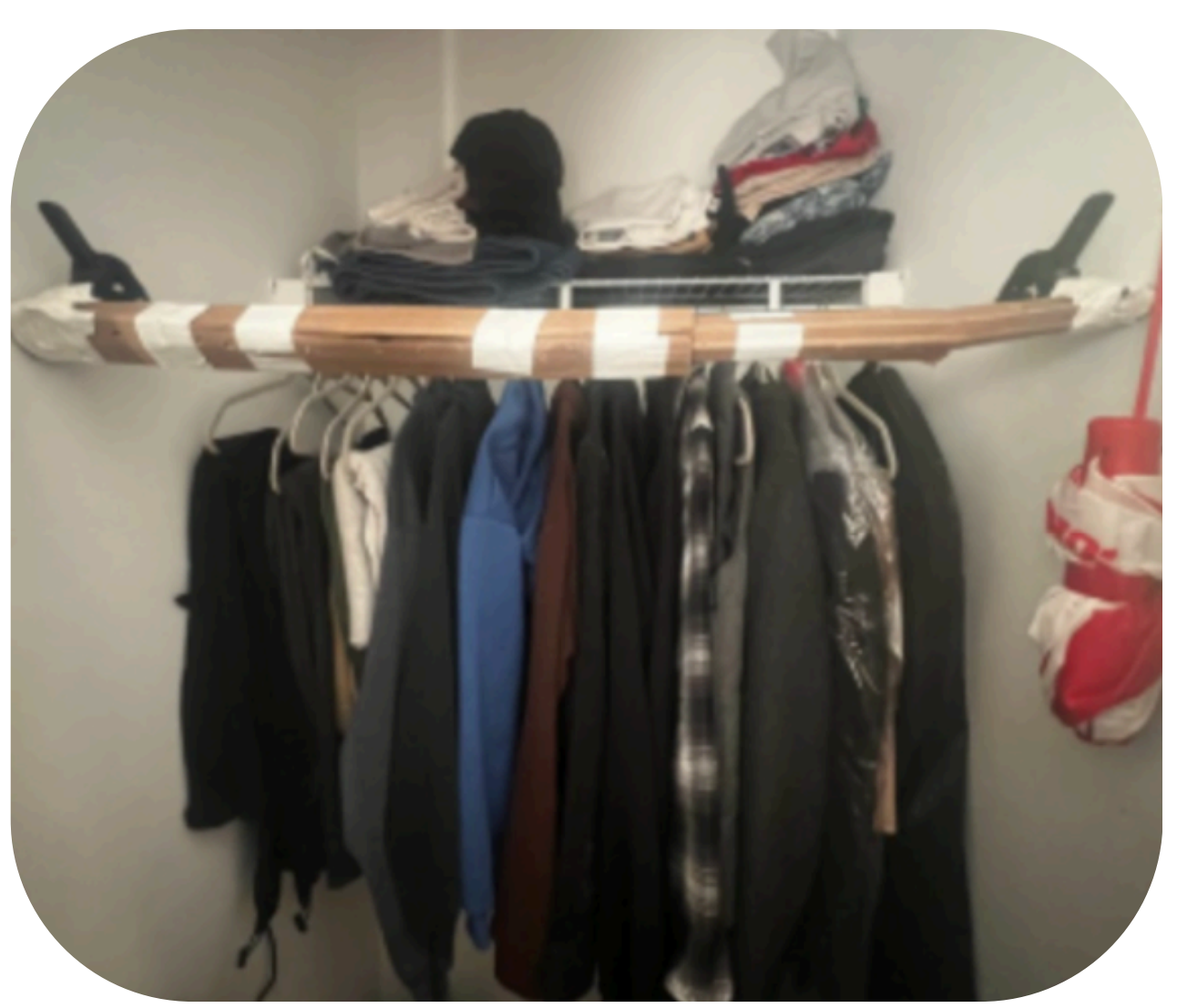
Many college-age students and renters deal with unreliable dryers that leave clothes damp, thus losing time and energy actively redrying clothes



- Requirements to Improve Laundry Experience:**
- Assistive dryer device
 - Low volume
 - Continuous
 - Low-maintenance
 - Easy to Assemble/ Install
 - Dynamic across All Rooms

DESIGN ITERATIONS

PROTOTYPE V0



- Main Features**
- Cardboard Build with **Tube-Shaped Body**
 - **C-Clamps** for Attachment to Clothes Rod
 - **Fan** on One End
 - Telescoping Body

PROTOTYPE V1/2

- Main Features**
- **PLA/PVC Frame**
 - **Flexible Clamps**
 - Optimized, Directed Airflow with **Nozzles**
 - High-Power **Axial Fan**

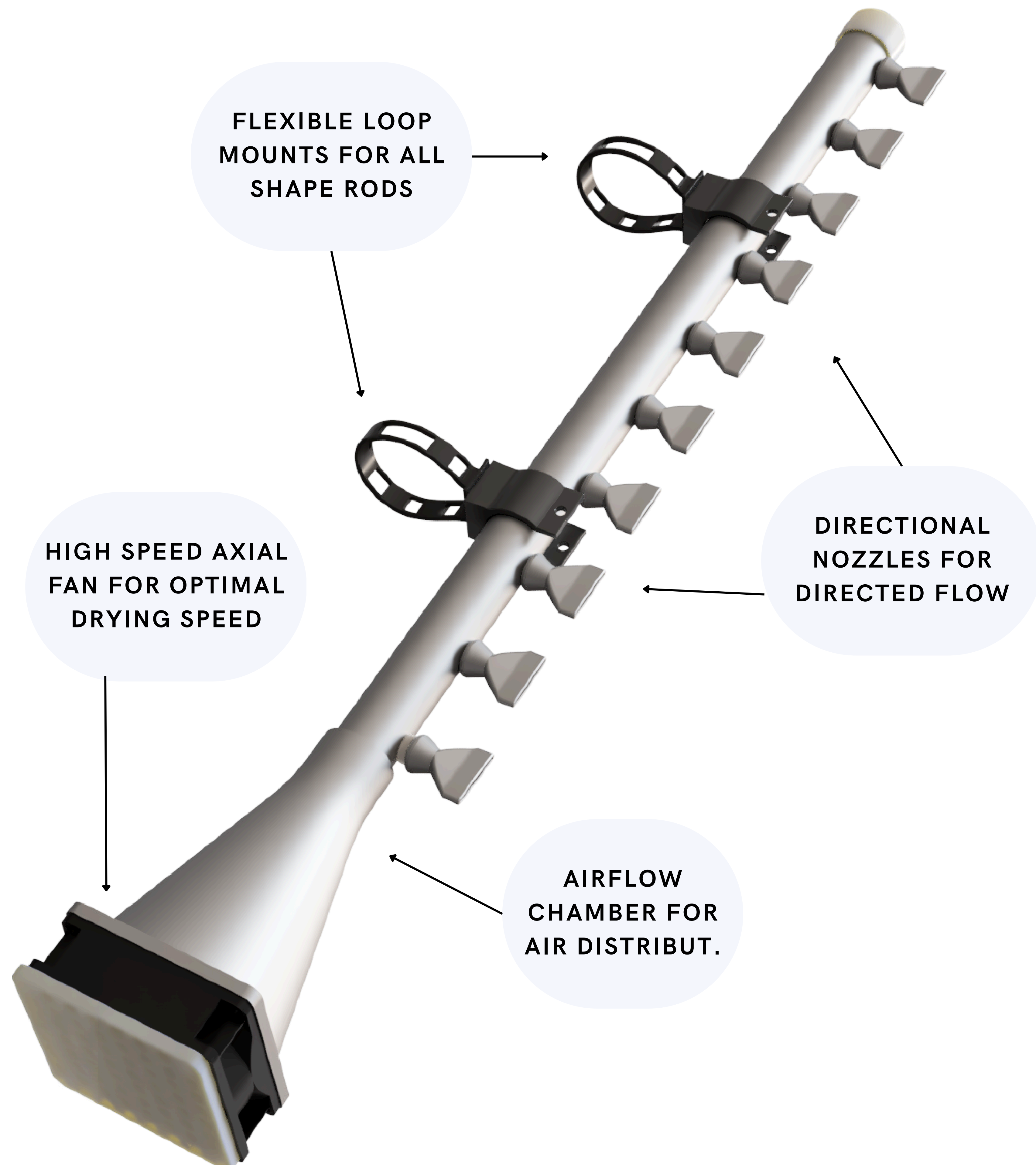


PROBLEM STATEMENT

Students and renters deal with faulty clothes dryers, specifically when dryers do not dry clothes properly and thoroughly

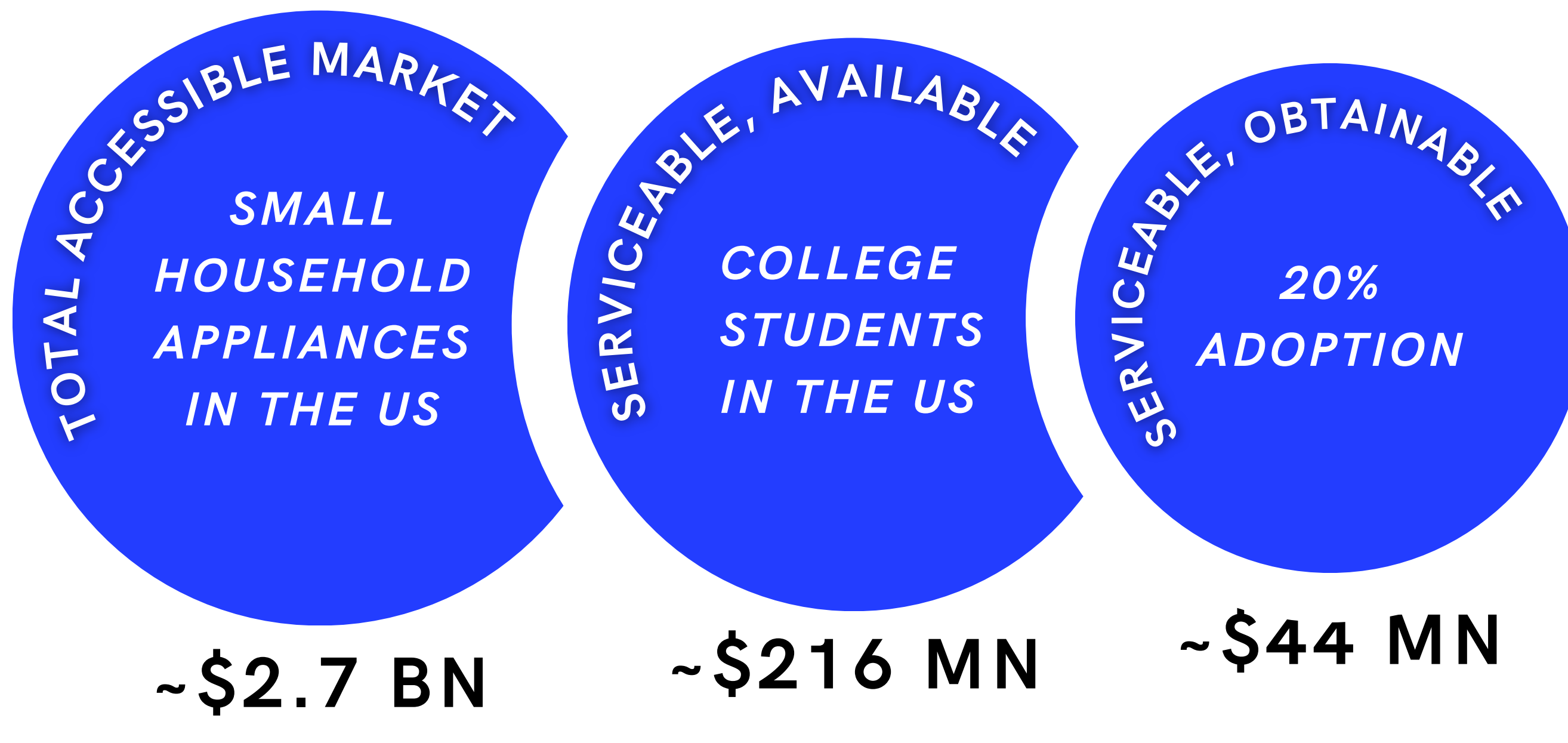
THE AERODRY CONCEPT

AeroDry aims to provide a **cheap** alternative for drying clothes when traditional dryers fail. It **installs into any closet** and circulates air over wet clothes for **continued drying**



MARKET ANALYSIS

Unit Cost Components	Unit Estimate (CPU)
Injection Molding (Material/ Production) Costs	\$14.19
Off-the-Shelf Components	\$32.56
Assembly	\$4.98
Est. CPU (Pre-Revenue)	\$51.73
Est. CPU (Retail Pricing)	\$129.99



FUTURE PLANS



Additional design requirements will be integrated including a telescoping body and optimized fan efficiency to provide a compact end product