

# Bonnie Binary

## Exploring the use of interactive e - textiles

### Challenge

Bonnie Binary founder Annie Lywood is exploring the use of e - textiles and interactive interfaces that make it easier for people to operate technology, in order to support independent living. Bonnie Binary's easy to use textile interfaces make technology more accessible for those who struggle with it. Annie Lywood approached the Health Tech Hub with a proof of concept but with questions regarding the best method to perform product testing.

### Solution

Bonnie Binary now have a prototype system which has been thoroughly tested and with this, the company are launching a campaign to release their first product. The product's simple tactile interfaces is intended to benefit people with early stage dementia as well as the elderly.

### HTH Contribution

The Health Tech Hub team assisted Bonnie Binary firstly by researching application-specific hand force ranges to understand how this applies to their products. Secondly, they helped to design and provide a testing platform including a computer interface read-out of key sensor parameters. Thirdly, HTH the team advised on appropriate product quality control tests and helped to plan for future product development.

*“The Health Tech Hub helped me to narrow down my testing process in order to develop a my product and to think in practical terms, as well as in business terms. I would recommend the HTH to smaller companies looking to develop their product as well as their professional network.”*

Annie Lywood

Founder of *Bonnie Binary*®



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