



# IF YOU WERE AN **ENGINEER** What WOULD YOU DO?®

**Northern Ireland Leaders Award 2019  
 Winner, Year 10**

## Paws of the Future

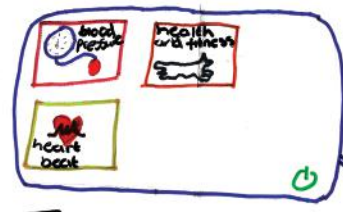


When the dog puts his/her paw on the paw print device a connection will be made with the chip in his neck ~~chip~~ will send detect the blood pressure of the dog which will tell if the dog is healthy or not. If your dog's blood pressure is higher low it will also be able to tell if the dog is inactive or active will also detect heart beat.



The chip will be very small like the size of a rice grain.

- Reduce vet fees and bills
- Reduce waiting in vet practices
- Reduce the panic of not knowing if there is a problem



The screen shows the categories and when you click on one you press your dog's paw on and you will soon know about the following categories.

The future of your Pets.



Name: Kate Nicholas McMonagle  
 Gender: Female  
 School name: St. Mary's College (Derry)  
 Year group: Year 10  
 Which engineer inspired you? Emma Coyle  
 From which company? Queens University Belfast

The 'Paws of the Future' is intended to save people money on vet bills and provides a daily welfare check of your animal. The design can take the pet's vitals so you know when it is necessary to take them to the vet, therefore saving cost on matters that do not require veterinary assistance.