Roles

All roles work hand in hand almost like a relay race; not one can be fully and efficiently completed without the other.

In this scenario, Quentin is playing our lead developer. The lead developer has the great responsibility of mentoring, providing general guidance on design and putting work into the foundation and early stages of the development of a product.

Victor is playing our interface designer. The importance in this role is to take the code from Quentin and any other developers and turn it into a nice looking, easy to use layout and design for users to enjoy.

Mark and Kanav are playing our cyber security team. Cyber security is very important when starting any company, not only are cyber security specialists responsible for keeping our code and servers secure, they also need to put security in place in order to avoid possible any possible fraud whether it is in app purchase fraud to identity fraud, it is all accounted for.

Matthew is playing our database administrator. What this means is that Matthew is responsible for ensuring databases run efficiently using specialized software to store and organize data such as financial information and customer shipping records. Matthew will be working hand in hand with Mark and Kanav (our cyber security team) to ensure that limited data is available for users and other data is secure from unauthorized access, the cyber security team will be attempting to infiltrate the system in order to find any possible security breaches.

Connor is playing our lead tester. Test results must be passed through Connor first before being published. The lead tester must either conduct experiments and tests themselves or improve and approve the rest of the team’s completed tests.

Testing

After every technical addition, it will be tested for functionality against all other features to ensure there are no bugs. For example. The QR code feature will be tested while the GPS feature is running in the background and every other combination of features tested back and forth etc..

The aspect that will be the most time consuming in testing will be the pet compatibility. Heart rate and other data must be readable on most if not all species of pets and thus much testing is needed in order to find the perfect balance for an all in 1 collar. The collars will be tested on every species we can get our hands on. The sensors must not hurt the animals in any way so we will test different locations to attach the product onto each species and include the optimal position for each tested animal in the user manual.

After all the technical and variable testing is complete, another compatibility test will be performed over different devices with the polished product. This will be left to last as it is more efficient to have a working product which requires minimal tweaking and adjustments for compatibility on different operating systems and devices.