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| TempekoHow an iot application is helping you keep a healty leopard gecko According to the reptilejam.com, one of the main reasons why pet leopard geckos unfortantly die is due to high temperature. Rapid change in temperatures as well as having the incurrect temperatures set will cause serious pain and discomfort to your gechos. It plays a critcal role in the overal wellbeing of your leopard geckos health and should be the top priority for any pet owner (Devin, 2021).  We all know the joys of having pets in our daily lives and we would do everything we can to make sure that they are living the best life that they can all the time. As pet owners its out jobs to do what needs to be done to ensure a healty pet. A Leopard gecko is no exception to that. It may be an uncommon pet in your eyes and may be called strange. These animals are found natively in rocky dry grasslands and desert regions of Arghanistan, Iran, Pakistan, Inda and Nepal. So if you are a little afraid of these guys then your safe here in Ireland as you wont find them in the wild here. These little lizards may be small in nature but do not let that fool you. Just becuase they are small does not mean that they need to be taken care of less then another type of pet.  Jonathan, a young aspiring software developer in Limerick Institude of Technology, a Leopard Gecko owner often needs to check in on him to make sure the temperature, humitity, and lights are all in working order and are on the correct settings. He even needs to make sure that his pets dont just fight one another for food which can happen at any time during the day. What makes it hard is that Jonathan cant watch over his pets when he has to leave the house and does not want anything bad to happen to any of them while he is gone.  Luckly his college has invited him to come up with a IoT application that can help him in any life improvements that he can come up with. This allowed Jonathan to come up with application Tempecko,which can help him with his leopard gecko pets. This application is indeed for lizards of all types but can be used in much more areas. The system that he has developed is one that he can control and monior using an android application from anywhere in the world. This application montiors the lizards via a camera, checks the temperature, humitipity, air pressure, if the lights are one, how long they have been on for as well as having the ability to change any of the above.  Tempecko is important for any lizard owner and therefore this application is free to use as Jonathan knows how important our pets are to us. We will have all reference material on our website www.limerickleader.ie | | Image: TheLifeofAnimals/Leopard Gecko | |
| Internet of things | |
| Internet of Things (IoT) refers to the concept of connecting everyting to the internet in some way of another: from your smarthphone and tablets to cars and friges.IoT is about how tools, servies, applications can all be connected to the Internet to make them more useful, and theres really no limit to what can be connected to the internet and why.  One of the key ways in which IoT will improves our lives is in the way it makes sharing data a whole lot easier.  **Figure 1**: IoT for all (iotforal, 2021)  You might be wondering why we would IoT matters. When something is connected to the internet, that means that it can send information or receive information or even both. This ability to send and/or receive information makes things smart and smarter is better.  Let’s user smartphones to help demonstrate this to you some more. You can listen to any song in the world but not because your phone has everything in the world downloaded but because its stored online and your phone just askes to listen to it whenever you want it too. | Everyone’s definition of being smart is different as we all know we are smart in our own ways and for technology that same thing applies. To be smart, something does not need to have super storage or a be a supercomputer. All the thing must do is connect to ‘A’ storage and ‘A’ supercomputer.  If you were to walk around your house right now, I bet you could pick some things that are connected to the internet and sending/receiving data whenever you ask it too. This ability of data transport has allowed a lot of devices to help in our everyday lives.  This technology has allowed for so many new devices and products that was once a dream and far from reality.  Who would have thought that we could have phones, cars, fridges and computers that are connected to the internet doing whatever we wanted too with just a few points and clicks, | | |

# References

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