Seizure Tracking Mobile Application Stories

# 2/18/2019

James Eckler

Joshua Peterson

Description:

A mobile application for veterinarians and their clients with the purpose of tracking small animal seizures and medical data through streamlined manual data entry by the pet owner. A wide variety of data and data types is collected and organized into an easy-to-view format that can be directly accessed by the veterinarian through the application. Analyzation of data will be partially facilitated by the application for usability.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stories | Time | Risk (1-5) | % Complete | Total Time Spent |
| As a pet owner, I can log seizure events and medicinal, weight, and activity changes through a mobile application to give accurate diagnostic information to my vet. | 3 months | 5 | 6% | 10 hours |
| As a veterinarian, I can view my clients’ pets’ profile and logged information through a mobile application to accurately diagnose, prescribe, and treat neurological disorders. | 3 months | 4 | 6% | 7 hours |
| As a pet owner, I can login and connect my logged data to my vet to easily transport prudent information. | 4 months | 4 | 5% | 6 hours |
| As a veterinarian, I can login and connect to multiple clients, pets, and their data to handle multiple cases at once. | 4 months | 4 | 5% | 6 hours |

Requirements:

* Mobile application that runs on Android or iOS
* Contains a login system for vets and their clients
* Allows sharing and connecting of data between vet and client through the application
* Allows input of basic information for the pet (name, breed, sex, age, weight, start time of seizures)
* Allows input of medications prescribed to the pet (name, dose, frequency, start date, side effects)
* Ability to log seizure events (type, duration, severity, signs, medication given at time of seizure, response to medication)
* Ability to log medication change
* Ability to log weight change
* Ability to chart seizure information over time
* Ability to visualize data in the app