Seizure Tracking Mobile Application Stories

# 3/18/2019 TPS Report

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| Tasks | Time Estimate | Who | % Complete | Time Spent | Review |
| Spike camera accessibility in React Native. | 4 hours | James | 75% | 2 hours | May not need to write own camera implementation if YouTube uploads are viable. Need to see if video quality affects quota usage. |
| Get basic buttons/navigation between pages | 4 hours | James | 80% | 4 hours | Most navigation is done, need to finish some screens |
| Write out tutorial page | 1 hour | James and Joshua | 90% | 2 hours | Content known, need to set up so first time users get tutorial page after logging in. |
| Write out seizure information for displaying to pet owners | 3 hours | James and Joshua | 100% | 2 hours | Information collected, need to set up page and navigation to it. |
| Create linking system using unique IDs | 2 hours | James and Joshua | 95% | 2 hours | Using system based off parts of unique google ID. Non-sensitive. |
| Spike YouTube upload for video attachments | 3 hours | James | 25% | 1 hour | Found React Native library for uploading to YouTube. Need to find way to return upload URL for log. |
| Set up YouTube API | 2 hours | James and Joshua | 100% | 1 hour | With 10000 units/day for quota and ~1600 units/upload, the YouTube API should work. Need to do testing on how things like quality/length affect quota usage. |
| Set up Firestore cloud storage to store all necessary information in collections | 3 hours | Joshua | 75% | 2 hours | Registration properly stores in FireStore. Spiked event log storage to user accounts. |
| Implement navigation style and containers for traversing application | 3 hours | Joshua | 90% | 3 hours | Will use a combo of tab navigation, switch navigation, and stack navigation. |
| Finalize visual design and look of screens. | 4 hours | Joshua and James | 50% | 3 hours | Narrowed down backgrounds and visuals to a few formats. |
| Spike YouTube uploads | 5 hours | James | 25% | 2 hours | Still working on programming spike. |