ABSTRACT

For the Animal Tracking System project, a Personal Digital Assistant, cellular phone and a GPS receiver will be used to locate a target. Once the target has been located, position information will be transmitted wirelessly to the internet. To view this information, a main website will be dedicated to the Animal Tracking project. The PDA will be used to activate the GPS module and the cellular phone in the event of data acquisition and transmission. The PDA will also deactivate the GPS module and the cellular phone after data has been transmitted to the internet. Software flowcharts are used to illustrate the functionality of the code used to implement the timer and website.