SafeBike has developed a platform using ServiceNow that delivers Bike safety to the user. Bike thefts are a common occurrence on ASU's campuses with hundreds being reported stolen every semester. Bike thieves resort to over-the-counter methods to even break the strongest U-locks.

Our system will first implement an embedded set of GPS-enabled sensors within the frame of the bicycle, these cannot be easily removed. A proximity alert system is set up which is triggered whenever the bicycle leaves a user-defined periphery. The current version of this system actively tracks the sensors to aid the user to identify if the bike is stolen or not, in real-time.

The ServiceNow web platform has been used exclusively to code, build, develop, support, and deploy all the web architecture for SafeBike, including integrating the various webpages and also implementing the Geolocation feature. The demonstration employed the use of the Google maps tool to visualize the coordinates reported by the Geolocator – our phones acted as GPS sensors due to the lack of availability of an actual GPS enabled sensor.

Competition is little in the smart bike security field. U-locks have been broken using different means time and again, despite their "no-theft" guarantee. SafeBike aspires to deliver the hardware components, i.e., the GPS-enabled sensors and have them implemented in bikes on and around campus. This technology can be similarly used in the travel luggage industry to keep track of individual bags from anywhere around the world, and have that be ready to be used in real-time situations. An application could accompany the SafeBike web platform to provide push notifications, allow the users to determine peripheries, mark "safe" zones of "no theft", etc.