EpiPen epinephrine autoinjectors are prescribed to millions of Americans each year to treat allergen-induced anaphylaxis. After using their EpiPen, a user must contact emergency services, but may be unable to do so due to the severity of their condition or because they cannot access a phone. Additionally, EpiPens must be carried at all times, but are frequently forgotten. Our Smart EpiPen system solves both of these common issues. Our system consists of an EpiPen case that detects when the EpiPen is removed and contacts a specified support circle with the user’s GPS location. The case also communicates with a wearable component that will notify the wearer if they leave their EpiPen in another room. These components are paired with a web application where the user can submit customized information such as support circle contact numbers, and where the emergency history of the case can be tracked. Our product is self-contained and does not require the user to own a cell phone.