# Abstract

*When a wildfire occurs, Warning or Alarm is the very important things for fire station. With those alarm, the fire fighter can quickly know when the wildfire occurs and take an action for the incident. So, it can avoid the things that not suppose to happen when the fire fighters late for taking an action. Not just for the Fire Station, when the wildfire occurs, those warning is important for the house owner.*

*"House on Fire Reporter" Is an IoT based android mobile application. The workflow of this application is, User need to submit their profile and turn on HOF device. If the fire sensor is detecting a sign of fire that can cause a wildfire, the device can directly send a notification to the smartphone user as the house owner and send it to a website that fire fighters use. The UI design in this application is user friendly, because there just a few button that used in this application, so its easy to understand. This application can be used anywhere, as long as the smartphone is connected to the internet.*

***Keywords****: Wildfire, IoT, Alarm, Fire Fighter.*