

# Crisis Compass ML

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# PROBLEM STATEMENT

During natural disasters, the ability to locate and rescue victims is often hindered by damaged infrastructure, power outages, and overwhelmed communication systems. In such situations, many people become unreachable, with phone batteries quickly depleting as they try to maintain connectivity. Without an effective way to locate these victims, search and rescue operations become time-consuming and resource-intensive, often delaying help to those in immediate need



# SOLUTION

- A mobile software using ML that transforms a smartphone into an emergency beacon. Activated by authorities in affected areas, this software intelligently conserves battery life by disabling non-essential functions and periodically emits a low-energy, location-ping signal to assist rescuers. This allows for rapid, efficient location tracking, even in areas with limited connectivity, improving the chances of survival and reducing the time and cost of rescue operations
- With this technology, we empower victims and rescuers alike, providing a lifeline in the face of disaster

# THANK YOU

Let us make this world safer together.