**UC-10: Parent Enters Geofence**

**Brief Description**:

This use case describes how a parent enters a Geofence of known locations where the missing child normally hangs out or stays in the MIM application.

**Actors**:

Parent – the mother or father of one of the missing person who filed a missing person report and enters a geofence of where their missing child normally hangs out at.

**Preconditions**:

The parent must be logged into their account and have already reported a missing person.

**Trigger:**

The parent navigates to the “Geofence” Section.

**Basic Flow**:

1. The parent is prompted to enter known locations, consisting of:
   * Location Name
   * Street number
   * Street name
   * City
   * Zip code
   * State

1. The parent enters all of the requested information
2. The parent clicks the “Update” button
3. The location is added to the Missing person’s profile page and the parent is redirected to the missing person’s profile page.

**Exception Flow**:

1. The parent is prompted to enter known locations, consisting of:
   * Location Name
   * Street number
   * Street name
   * City
   * Zip code
   * State
2. The parent enters invalid/incomplete information
3. The parent clicks the “Update” button
4. The parent is shown a message indicating that the information is invalid/incomplete

**Post conditions**:

* The location is added to the Geofence section
* The parent has been redirected to the missing person profile page