Microsoft Disaster Response
Crisis Check-in

App: Crisis Check-In

<u>Hypothetical Incident</u>
It's Tuesday November 12, 2015 and Southern Florida, the Miami area, is faced with incoming Hurricane Violet. Currently at a category 5, the hurricane is projected to hit landfall in the next 24-36 hours. Disaster response organizations and individuals who wish to volunteer are reminded through local warning systems to download the Crisis Check-In app in preparation for expected disaster

With this knowledge, the local government and regional non-profit organizations are preparing for the storm and advising Miami residents to evacuate to Orlando, FL. Orlando Senior High School has been identified as a major hurricane shelter and is being stockpiled with supplies [food, water, blankets, first aid supplies, etc.]

Through the Crisis Check-In app, organizations involved in this initiative can reach out to their network of volunteers in addition to the general public who are signed in and accessing the app. One example cluster, the Red Cross, can reach out to the Humanitarian Toolbox with current information on their volunteer needs. In turn, the Humanitarian Toolbox can update the Crisis Check-In app's list of Upcoming Volunteer Requests. <u>This would include: Red Cross Volunteer Check-In location, material needs, number of volunteers needed.</u> Once the Humanitarian Toolbox has updated the Red Cross' latest task, the Humanitarian Toolbox can additionally begin updating the current network of Red Cross volunteers by sending push notifications to users who have checked in to a certain site.

Volunteer Perspective:
After Bobby, Sam, and Krista heard about the incoming Hurricane and were notified about the Crisis Check-In app, they decided to download, sign-in and check-in to the volunteer opportunities in their area. Each hears a ping on their phone and checks the app to see updates on the latest volunteer needs. A few days later, Bobby, Sam and Krista have completed their final volunteer activities and check-out of the Volunteer Task they were participating in.

Microsoft Disaster Response with Humanitarian Toolbox
Crisis Check-In Mobile App

<u>Questions / Potential Features</u>

- How will volunteer availability dates and incident volunteer need dates be matched up?
- Who requests volunteers/uploads upcoming volunteer needs? Only Orgs can be Admins to request/post to upcoming tasks to request volunteers.
- App Title. There was confusion about "Crisis Check-In" with whether this applies to those asking for assistance during disaster situations. -> Disaster Response Volunteers 'DRV App'
- Volunteer Commentary Option after checking-out of a Volunteer Activity.