Table

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| **Timeliness Dimension** | Recognizeable Patterns | Examples |
| **Activation**. *Activation* is the affordance to put the user in a state of alert within a useful timeframe upon receiving an emergency notification. The actualization of this affordance depends on users’ alertness, the ability “to notice that something that is out of place, unusual, or unexpected” (Weick, 2010, p. 545). | * Some warning activity (‘warned me,’ ‘alerted me’) + timeliness qualifier (’10 mins before’). For example parse it with: https://corenlp.run/ | Warned me 10 minutes before hail started coming down. That 10 minutes gave me enough time to seek shelter. Great app. Very happy! years later, still a great app. (712570) |
| *Currency* indicates whether the warning represents the present state of the real world (Wixom and Todd, 2005). Currency entails the ability to state-track the domain and to store up-to-date data structures to represent its current state. | * Detect non-current representations using co-reference ([link](https://huggingface.co/coref/?text=I%20can%20only%20get%2024%20freaking%20hours%20of%20weather%20when%20I%20used%20to%20be%20able%20to%20get%20extended%20forecast%20for%20months.%20it%20is%20raining%20right%20now%20and%20it%20shows%20no%20rain%20on%20your%20app!!!)) + some negation | I can only get 24 freaking hours of weather when I used to be able to get extended forecast for months. it is raining right now and it shows no rain on your app!!! |
| **Promptness.** *Promptness* refers to how quickly a user takes protective actions. We adapted this definition from prior research on decision-making under time pressure, which stressed the importance of projecting possible courses of action in a timely manner (Klein, 1993). | * Some (coping) action (‘cover’) + timeliness qualifier (‘in time’) | “This app saved my plants 3 times already in less than this summer. Every time it was about to hail it warned us so we could cover our plants in time.” |
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