geeklist #hack4good 0.5 Kraków

Accidental Hackatoneers

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Introduction

- People with either speech or hear impediment are unable to call 112 emergency number
- One can of course write manually a text message however in state of great stress caused by the emergency quick and precise texting might be impossible
  - Moreover text messages with spelling errors are more likely to be treated unseriously (according to feedback from our target group)
- There are no official numbers, but according to some sources there is about 900ths with severe hear impediment and 6mln people with hearing loss
- Our app solves the problem!
- How?

send predefined text messages

- Choose type of emergency (i.e.: fire)
- Provide detiles (i.e.: what is burning, number of injured)
- Provide information about the location
  - choose predefined from app's settings (i.e.: home, work) or
  - use GPS + reverse geocoding
- Verify TEXT message
- SEND!

Prototype

- RWD website (HTML, CSS, JS, localStorage, google geocoding API)
- SMSAPI
- Cordova
- Flat design (high contrast)

Prototype

15:47
Zgłoszenie zdarzenia przez SMS na 112
1. Co się stało?
Pożar
Ustawienia

15:48
Zgłoszenie zdarzenia przez SMS na 112
Ustawienia
Wojciech Krawczyk
Telefon docelowy:
123456789
Dom:
ul. Sliczna 12
Inne miejsce:
Praca
os. Teatralne 9a
Zapisz

Prototype

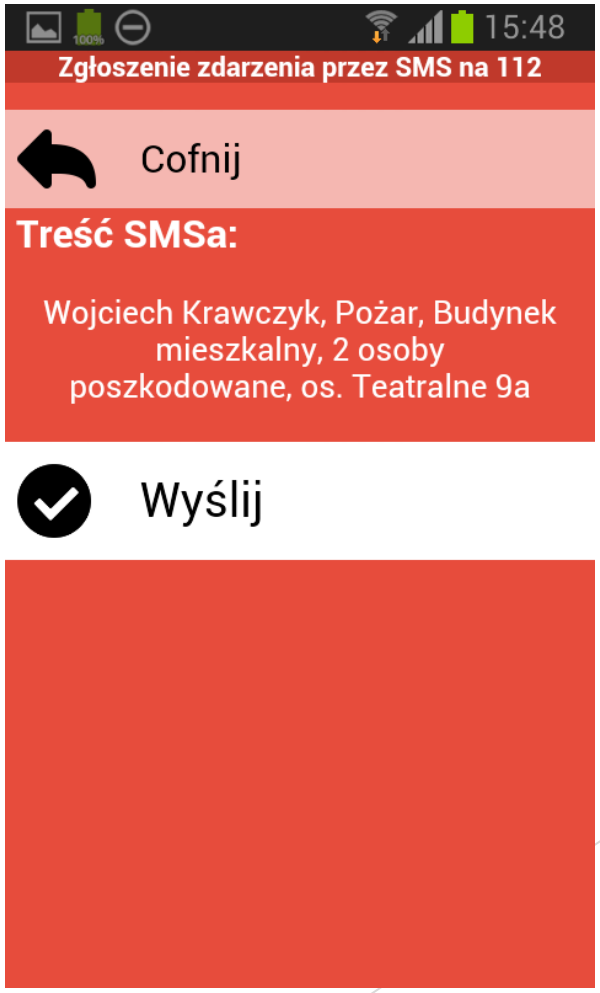
15:47
Zgłoszenie zdarzenia przez SMS na 112
1. Co się stało?
Pożar
Ustawienia

15:47
Zgłoszenie zdarzenia przez SMS na 112
2. Co się pali?
Cofnij
Budynek
Fabryka
Pojazd

15:48
Zgłoszenie zdarzenia przez SMS na 112
3. Ile zagrożonych?
Cofnij
1 osoba
2 osoby
3 osoby
Więcej osób
Nie wiem

Prototype

15:59
Zgłoszenie zdarzenia przez SMS na 112
4. Gdzie?
Cofnij
Dom
Praca
GPS: Zabłocie 27, Kraków, Polska


15:48
Zgłoszenie zdarzenia przez SMS na 112
Cofnij
Treść SMSa:
Wojciech Krawczyk, Pożar, Budynek mieszkalny, 2 osoby poszkodowane, os. Teatralne 9a
Wyślij

Reality comes its own way…

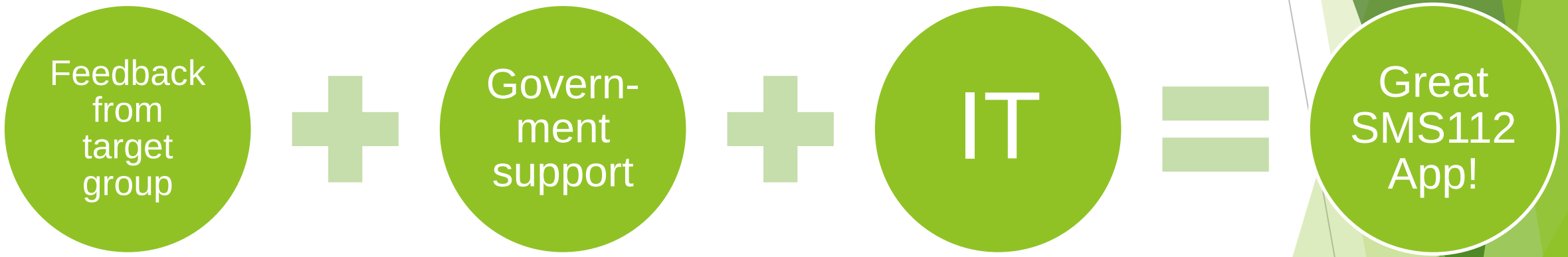
- According to the official information sending text messages is not yet supported in Poland
- Apparently it’s going to change in June 2014
- Several local authorities however are already started supporting text messages but one has to text some local cell number instead of 112

Desired Functionality

- Meeting with a local 112 office representative is alread preliminairly scheduled
- There are about 300 questions a 112 operator can ask the caller

- More type of emergencies covered
- Text messages sent natively by phone (no internet access needed)

Conclusion


Feedback from target group
+
Govern-ment support
+
IT
=
Great SMS112 App!