



MAPPERS



Co-financed by the EU



MAPPERS FRAMEWORK

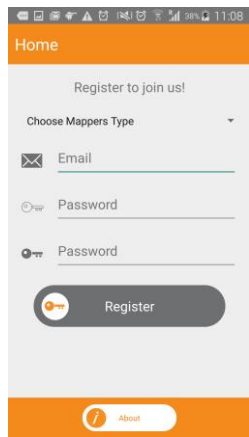
Methodology, content and
logic concepts

MAPPERS ENVIRONMENT

Frame:

1. Customizable code
2. Android SDK (.apk file)
3. Technical and logic user feedback
4. User-friendly update

MAPPERS-C MODULE



MAPPERS-V MODULE

MAPPERS APP


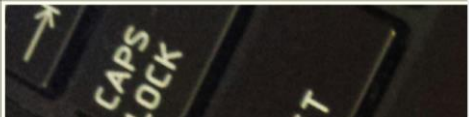


DATABASE

DASHBOARD

CLOUD STORE



CROWD SOURCING DAMAGES				
Email Address	Type of View	Type of Damage	People Involved	
john@smith.co.uk	top	water	2	
john@smith.co.uk	side	Disaster	2	

MAPPERS ENVIRONMENT

Structural architecture:

1. SCREENS
2. CONTENTS
3. TOOLS
4. WEB SERVICES

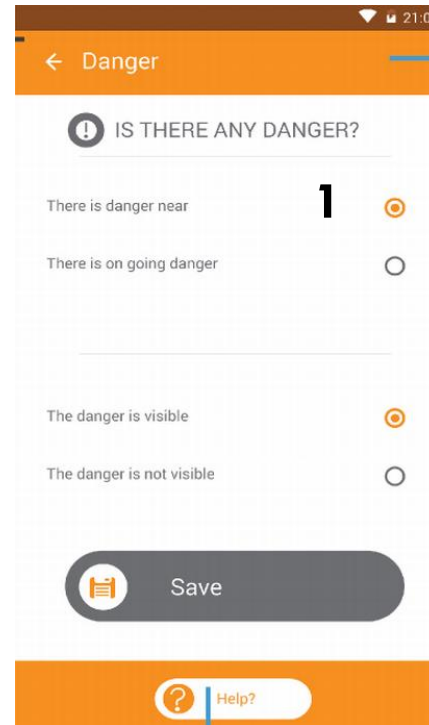
Graphical User Interface (GUI):

- SYMBOLS
- COLORS
- GRAPHIC CRITERIA

Register to join us!

3

Choose Mapper type



4

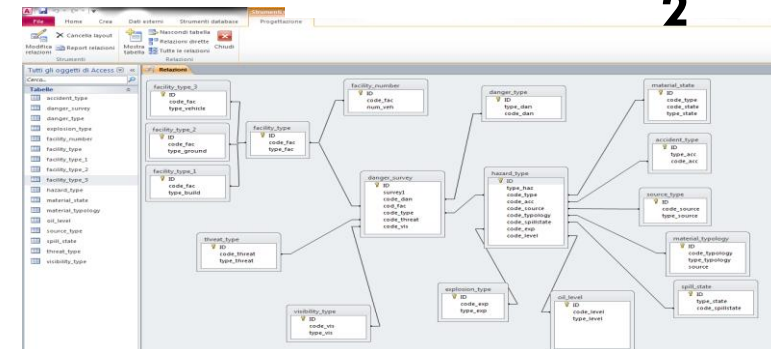
EMERGENCY TOOLKIT USE THE TOOL YOU WANT			
ALARM	ON	OFF	start smartphone function
TROUBLE LIGHT	ON	OFF	start smartphone function
FLASHLIGHT	ON	OFF	start smartphone function
MAPPERS' GUIDELINE	ON	OFF	link to MP15
MY PLAN	ON	OFF	link to MP15

MP06
MAPPERS-C
FLOOD KIT FOR CITIZENS
EM (link to MP22)
ET (link to MP23)
CROWDSOURCING (link to MP07)
WARNING (link to MP12)
PERSONAL FLOOD PLAN (link to MP15)
Do you need help? (link to MP05)

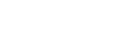
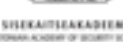
MP07
FLOOD KIT FOR CITIZENS (link to MP06)
CROWDSOURCING
People as human sensors + image?
PARTICIPATION (link to MP05)
EXPOSED ELEMENTS (link to MP09)
DAMAGES (link to MP10)
WATER LEVEL (link to MP11)
What is crowdsourcing? (link to MP05)

MP08
CROWDSOURCING (link to MP07)
PARTICIPATION
NAME (write text)
SURNAME (write text)
EMAIL (automatic fill with email address of MP03)
MOBILE (write number)
 ACCEPT GPS (checkbox)
 ACCEPT PRIVACY (checkbox)
All fields are compulsory
Why do I have to participate? (link to MP05)
SEND (submit)

MP09
CROWDSOURCING (link to MP07)
EXPOSED ELEMENTS
ADDRESS (dropdown menu) - value relating table
NUMBER OF RESIDENTS (dropdown menu) - value: 1-2-3-4-5-6

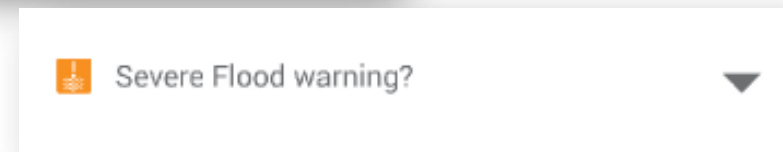
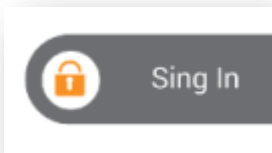
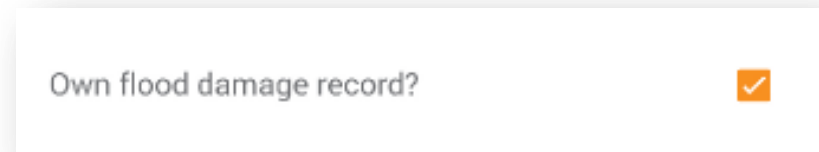
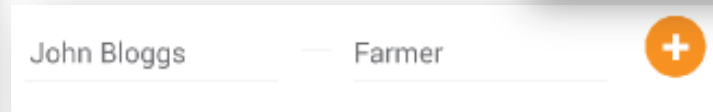
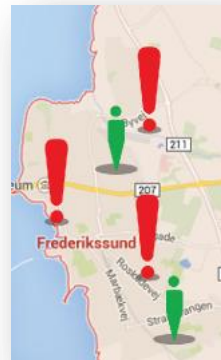
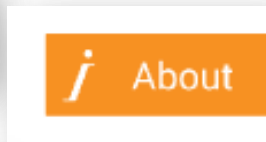


2



MAPPERS LOGIC

1. Create a double-module access for crowd information
2. Bi-directional info sharing Rescue manager-End User
3. Application testing on single draft
4. Piloting feedback on each version update
5. Content upload from users by specific tools and services



MAPPERS IDEA

1. Offer preparedness to citizens by smartphone tools
2. Long time involvement and awareness
3. Supporting existing data collection systems
4. Piloting as tester and development support
5. Integrate rules of rescue service with raw human sensor
6. Standardize information to avoid asynchrony and redundancy
7. Offer training and well-knowledge approach to local people (volunteers or citizens)

MAPPERS-V

CITIZEN FLOODKIT

MAPPERS-C

DANGER SURVEY



ISIG



SIVOKAITSEAKADEEMIA
FINNISH ACADEMY OF SECURITY SCIENCES

hellenberg
Challenging Disasters

MAPPERS MODULES

1. MAPPERS common registering and profiling management
2. Admin, MAPPERS-C, MAPPERS-V profiles
3. Confirming by email
4. User-profile based on role as citizens or volunteers
5. Structures are set but completely adaptable as contents, menu, services and options
6. Adding services to existing frame is available
7. Idea of piloting including the framework structure

