

The Lifeboat Project

2nd ITU IPTV Application Challenge

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Context

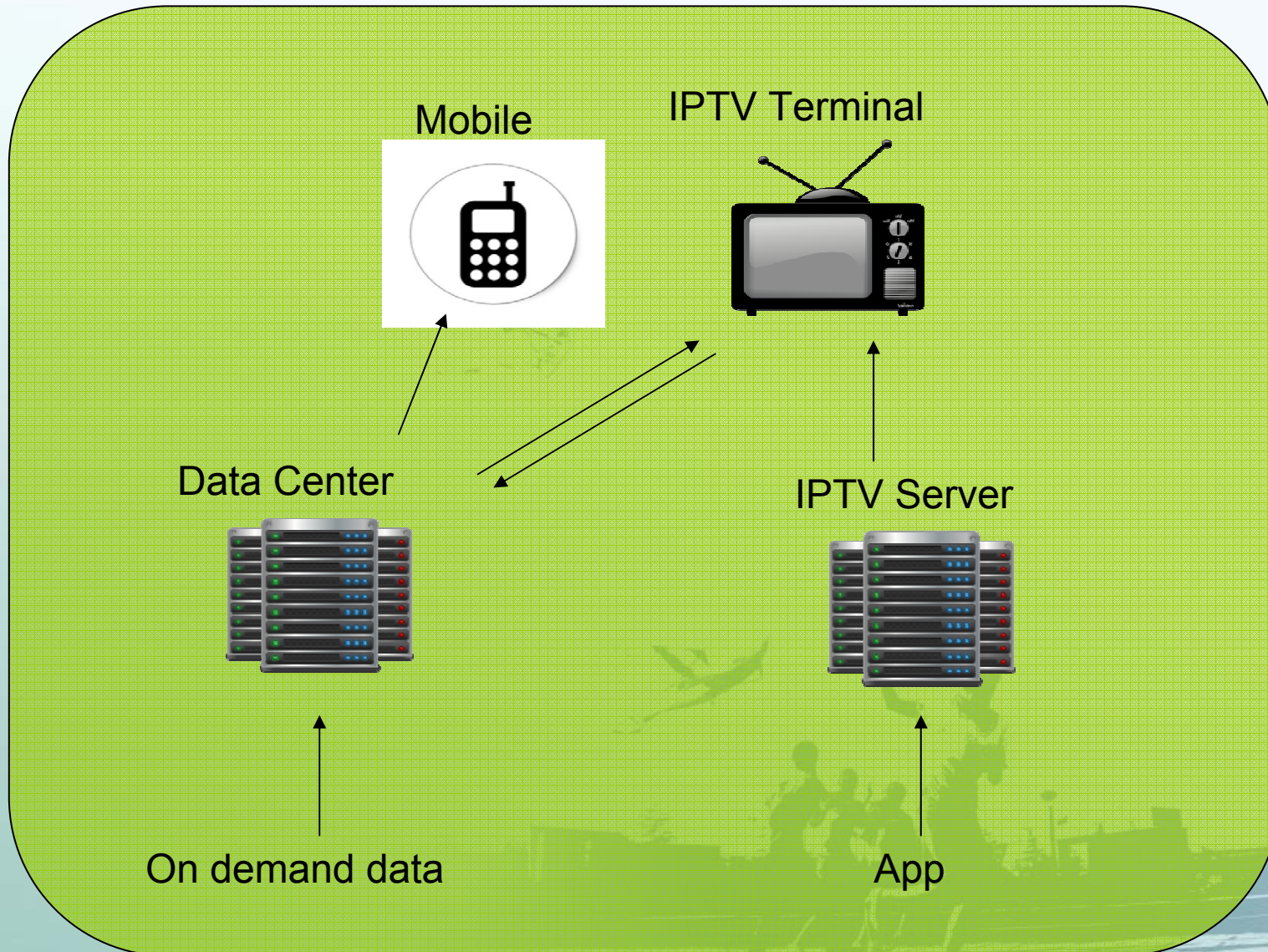


- This interactive application for IPTV aims to provide support to people in emergencies in natural disasters.

- Natural disasters occur very often especially in third world countries with high population growth rate. People more and more live in hazardous locations on the outskirts of cities, being prone to natural disasters.



System overview



Features



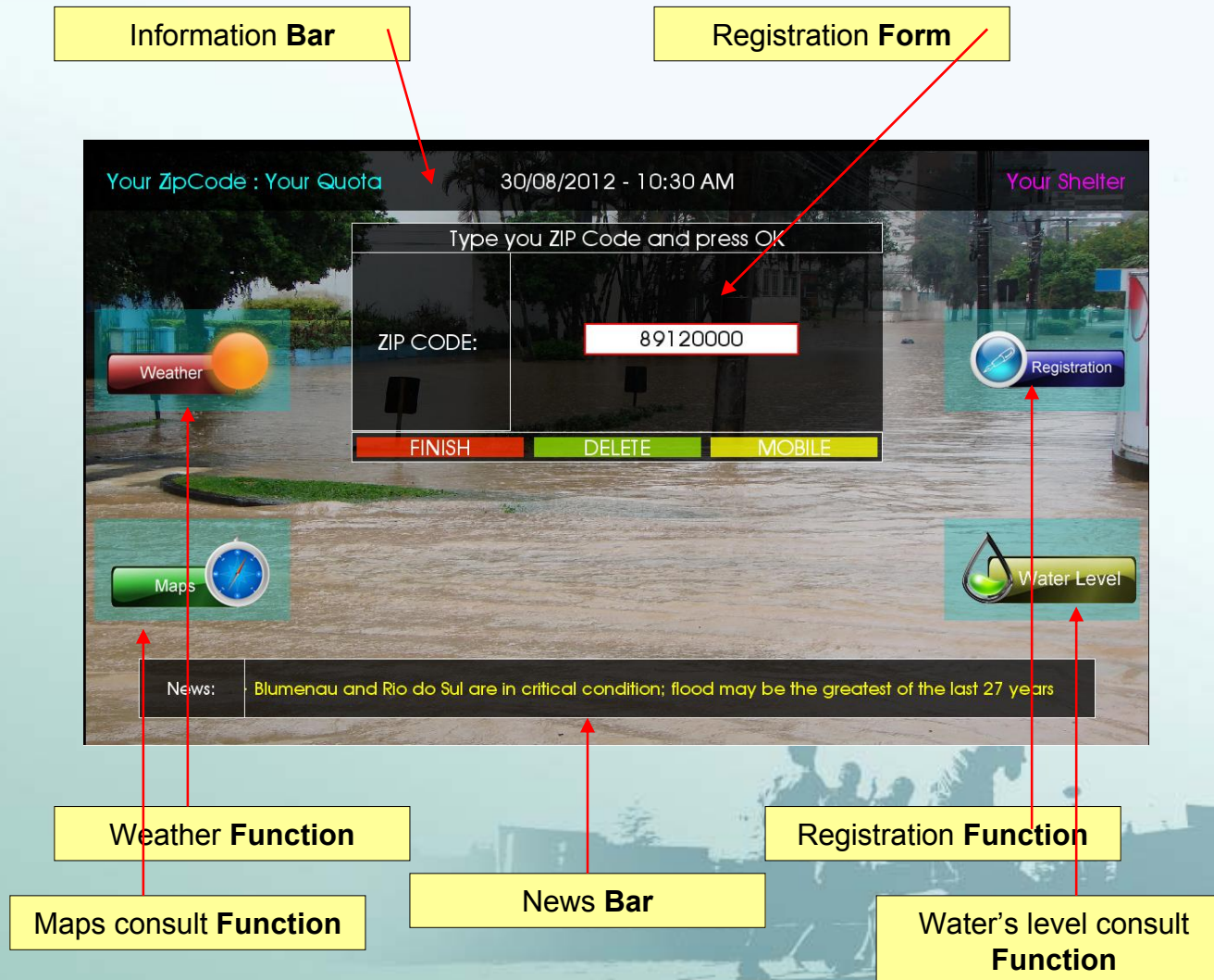
- Provide real time information.
- Easy access for quick response.
- Personalized alarm system, integrated with mobile platforms.
- On demand critical information.



Registration:



- You have to register your Zip Code and your mobile number. This information forms the basis for other services



Maps:

- After registration, this service displays maps of the region containing points of interest such as shelters, streets with access issues or events that disrupt urban mobility.

The screenshot displays a mobile application interface for a map service. At the top, it shows the zip code 'ZipCode-89120000', a quota of 'Quota-10,3m', and the date and time '30/08/2012 - 10:30 AM'. A pink box highlights the text 'Your Shelter: D1 (on map)'. The map shows a street grid with a blue line indicating a route. A yellow box labeled 'Maps consult Function' points to a small map icon in the top left. Another yellow box labeled 'Personalized Map' points to a red arrow on the map. A black overlay on the left contains a menu with options: 'Your Shelter Direction', 'Dangerous Areas', 'Interrupt Roads', 'Help Spots', and 'City Map'. Below the map are 'Exit' and 'Zoom +/-' buttons. At the bottom, a news banner reads: 'News: Blumenau and Rio do Sul are in critical condition; flood may be the greatest of the last 27 years'. Other UI elements include 'Weather', 'Registration', and 'Water Level' buttons.

Alarms:



The alarm is activated when the rivers level reaches the quota for the place. To do this register, the function of registration is available on the Portal

Alarm Function

ZipCode-89120000 : Quota-10,3m 30/08/2012 - 10:30 AM Your Shelter: D1 (on map)

Weather

Attention! Your quota is reached!

Your Quota:	10.3 m
Current Level:	10 m
Situation:	Critical

Registration

Maps

Water Level

EXIT

News: Blumenau and Rio do Sul are in critical condition; flood may be the greatest of the last 27 years

Thank you!

