JAJ-Hack

Persona and Design

	Victim	Rescuer	Dispatcher	Shelter Operator
Engagement	Low			High
Desired Function	Simple			Advanced
Hardware Requirement	Limited batteries GSM…			Access to electricity LTE…
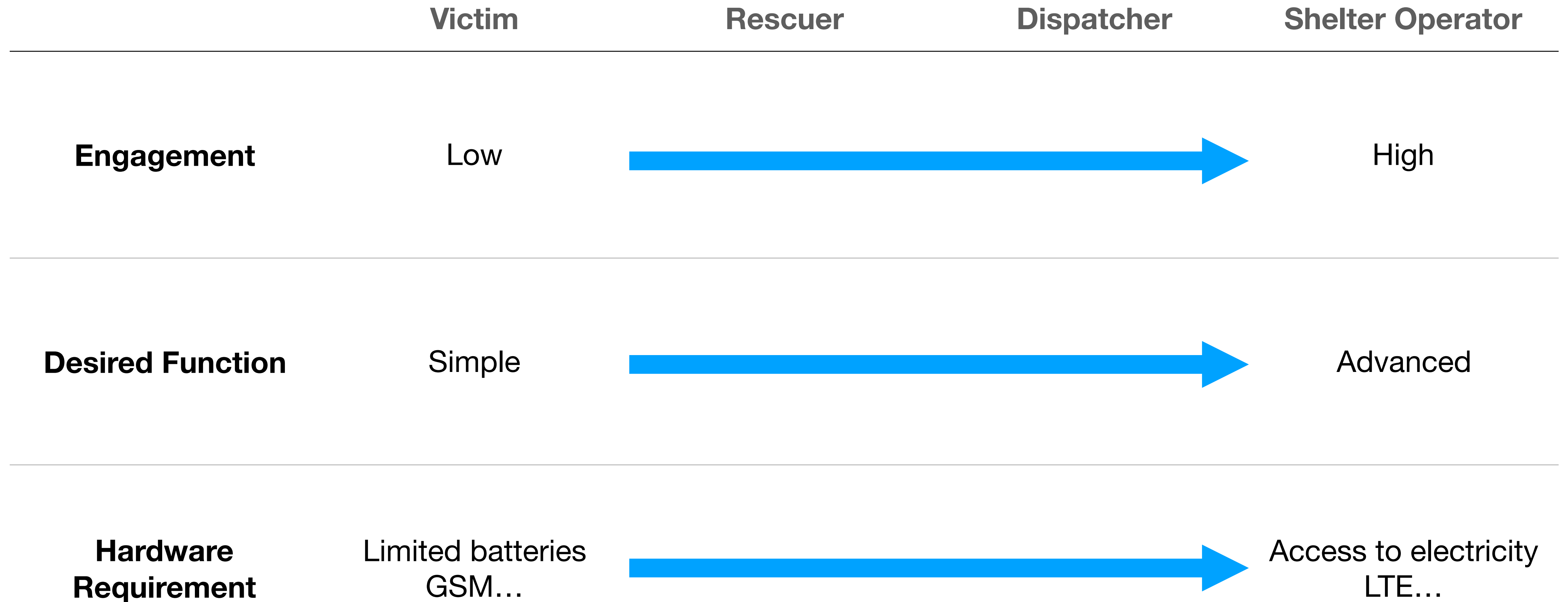
Persona and Design

Victim   Rescuer   Dispatcher   Shelter Operator

**Feature
Priority**

Report location & identify

Look up resources

Update resources

Manage resources

Review and report statistics

Persona and Design

	Victim	Rescuer	Dispatcher	Shelter Operator

Response Time Required

Report location & identify — < 5 seconds

Look up info & resources — < 5 seconds

Update info & resources — < 30 seconds

Manage info & resources — < 1 minute

Review and report statistics — < 3 minute

Solution

	Victim	Rescuer	Dispatcher	Shelter Operator

SMS Emergency Service

Response Time Required

- Report location & identify
- Look up info & resources
- Update info & resources — < 30 seconds
- Manage info & resources — < 1 minute
- Review and report statistics — < 3 minute

SMS Emergency Service

Victim sends out an SMS

Nexmo

Phone number

Message

Timestamp

"Where are you? Report you location at this link"

Victim clicks on the link or the app

PWA

IP Address

Coordinates

SMS Link

Construct a multilayer rescue database