PROJECT CHARTER

1. General Project Information

Project Name:	**Impulse:**
	Develop Smartwatch application to increase officer response times
Executive Sponsors:	**Tony Messina**

2. Project Team

	Name	E-mail
Impulse team member	Weiming He	tuf01978@temple.edu
Impulse team member	Tony Nguyen	tuf81561@temple.edu
Impulse team member	Yaning Wang	tuf23643@temple.edu
Impulse team member	Siling Zhang	tue62163@temple.edu

3. Stakeholders *(e.g., those with a significant interest in or who will be significantly affected by this project)*

Tony Messina

Police department

Security organizations (i.e. lifeguard at the beach)

Dispatcher

Public

4. Project Scope Statement

Project Purpose / Business Justification

Impulse is a startup company, that was formed by students from Temple University, focused on improving communication among first responders. Its vision is to create an application for Smartwatches that will increase EMS response rates, therefore it will reduce time needed to call for help in an emergency and minimize fatality rate of first responders in the course of a patrol

Objectives

1. Cut the response time for reinforcement by 15% within 2 months of implementation.
2. Within 5 months of implementation, increase the response placement accuracy by 75%.
3. Within 3 months of implementation, increase detainments where a pursuit occurs by 20%.
4. Within 5 months of implementation, reduce suspect pursuit time by 40%.
5. Within 6 months of implementation, decrease overall risk for officers by sending back up by 30%.

Deliverables

Prototype of web & mobile applications for Impulse,Project Charter, Project Proposal, Detailed data model,Detailed process model,Detailed systems architecture

Scope

The primary focus of this project is Philadelphia Police Department with the possibility of expanding to other first responders. In this project, we will focus on build an application applies to smartwatches that can monitor the officers' physical changes in order to send message for backup automatically and get support in a very short time. The project

will focus on web and mobile applications and everything else will be considered as out of scope. At the end of the project, a prototype will be ready for demo purpose.

Major Known Risks (including significant Assumptions) *Identify obstacles that may cause the project to fail.*

Risk	Risk Rating (Hi, Med, Lo)
Behind the schedule	Medium
Over Budget	Hight
Unresponsive Members	Low
Stakeholder leave	Medium
Apple going out of business	Low
Faulty user interface	Medium

Constraints *List any conditions that may limit the project team's options with respect to resources, personnel, or schedule (e.g., predetermined budget or project end date, limit on number of staff that may be assigned to the project).*

- A working mobile phone and smartwatch are needed at all times
- First responders refuse to wear the watch all the time or first responders have trouble using the application
- The service provider for mobile phone & smartwatch need to be unified
- Police department officials pushes up the deliverables deadline.
- Stakeholder refuse to fund in the middle of the project.
- Stakeholder requests to move the deadlines to an earlier time

External Dependencies *Will project success depend on coordination of efforts between the project team and one or more other individuals or groups? Has everyone involved agreed to this interaction?*

- Project success relies on the stakeholders to provide correct vision and on the BA's to collect requirements for prototype completion.
- Development team knows what we are trying to do and is aware of specific requirements for development
- Sponsors are satisfied with the progress and the result
- Service provider needs to ensure strong and uninterrupted signal & connection
- Users provide positive feedback after user acceptance testing

5. Communication Strategy

- Weekly report meeting with the project team
- Group Text
- Shared Google Drive

6. Sign-off

	Name	Signature	Date (MM/DD/YYYY)
Executive Sponsor	Tony Messina		

7. Notes

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