**BatSignal Project Plan**

Dark Knights

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# **Introduction**

## **Scope and purpose of document**

## This document contains the scope, schedule, staff organization, and tracking and control mechanisms of the BatSignal project. This will provide an outline which ensures a structured project development process.

## This application is a mobile app that is free for anyone to download on any platform. The app contains 5 core features that are designed in a way to be intuitive and easy to use. BatSignal is an app that allows civilians to aid Batman in his crime-fighting mission. BatSignal contains many features that provide civilians with the opportunity to become crime fighters themselves and make the world a safer place.

# **System Scope**

**Problem/Opportunity Description**

BatSignal is intended to compete with other crime reporting apps by providing more advanced and robust capabilities. These exciting features ensure that BatSignal is the most effective app in combating crime on the market. The police are very important in fighting crime, as is Batman. However, this app is grassroots vigilantism without getting one’s hands dirty. Friends, family, neighbors, trusted confidants. Boots on the ground in a tight-knit community will provide that extra layer of protection through crowd-sourced crime fighting.

**Anticipated Business/Personal Benefits**

BatSignal aims to be the best-in-class crime-reporting app by filling its own niche in the market. This will ensure the app remains competitive and profitable. Revenue generated by this app will help with continued maintenance of the app as well as future improvements.

Not only will this app benefit its developers and shareholders, but it will also provide more effective counter measures as compared to similar crime-fighting apps. Moreover, BatSignal contains features which dramatically improve the safety of its users. BatSignal’s user interface is designed to be compatible with users of all technological skill levels.

## **System Capabilities**

Real-time crime reporting - Allows users to report the time and location of

crimes right when they happen. Each report recorded will be displayed on a map for users to view.

Crime map - Allows users to view reported crimes in their local area and view a heatmap of criminal activity. Individual pins of exact locations of crimes are also provided.

Criminal database - Allows users to search for local criminals and add additional information. This feature is constantly updated as users add more information.

Crime alerts - Users are notified when crimes happen near them, or when certain criminals are put in custody. These can alert users whether it’s safe to be out at certain times.

Civilian collaboration - Local users can share descriptions and images of suspicious persons in their area. This information can then be used to update the database.

## **System Context**

System Context Diagram.vsdx in Dark Knights repository under Project Plan Folder

# **Schedule**

Work Breakdown Structure Chart.pod in Dark Knights repository under Project Plan Folder

# **Staff Organization**

Bianca Sarena Joseph Gagnon, and Kathleen Leach are the triple threat known as team Dark Knights. The Dark Knights utilize a circular staff organizational structure with team leader as a central focal point, and Joseph has been selected team leader. This structure permits a free flow of ideas in which all members enjoy the opportunity to try something new. No task is off limits to any team member if all members, especially the team leader, are in agreement.

Team Dark Knights is a well-oiled machine. All team members play an enthusiastic role in accepting responsibility for any task. The team leader ensures that all weekly tasks are covered and completed by the team within the allotted time frame.

# **Tracking and control mechanisms**

Team Dark Knights maintains multiple avenues of communication: text messages through personal cell phones, face time in the classroom, emails, Blackboard, and messaging through Slack. While personal interaction in the classroom is the best means of communication, Slack is the preferred method of electronic correspondence for the team.

The team Trello board and GitHub are two ways the Dark Knights monitor and track project progress; the team space on Blackboard also serves this purpose. Microsoft Office documents can be edited by each team member and are shared through Slack, GitHub, and OneDrive.