**BatSignal Project Plan Draft**

Dark Knights

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# Introduction <JG>

## **Scope and purpose of document**

## *This document contains the scope, schedule, staff organization, and tracking and control mechanisms of the BatSignal project. This plan aims to provide an outline to ensure 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 that are intended to be intuitive and easy to use.*

# System Scope <JG>

**Problem/Opportunity Description**

*BatSignal is an app that allows civilians to aid in Batman’s mission in fighting crime. BatSignal contains many features that help civilians make a difference and make the world a safer place. This app is intended to compete with other crime reporting apps by providing more advanced and robust capabilities to be the most effective app in combating crime on the market.*

**Anticipated Business/Personal Benefits**

*BatSignal aims to be the best-in-class crime-reporting app, by filling* *it’s own niche in the market. This will ensure the app remains competitive and profitable. Revenue generated by this app will help continued maintained of the app and future improvements.*

*Not only will this app benefit its developers and shareholders, but it will also provide more effective counter measures compared to other apps, better improving the safety of users. BatSignal is also aimed to be the most intuitive app further increasing its effectiveness.*

## **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 or not 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**

*Using Visio or draw.io, create a System Context Diagram which depicts the primary users of the system and the information that is exchanged between them and the system.*

*Submit the System Context file as a separate file from your plan document*

# **Schedule** <BS>

*Using MS Project/Project Libre, create a Work Breakdown Structure Chart, identifying all tasks required to complete this team project, dependencies and staff resources for each of the tasks. Include phases to group and organize your tasks and include milestones.*

*Submit the schedule file as a separate file from your plan document.*

# **Staff Organization <KL>**

*Bianca Sarenas, 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** **<KL>**

*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 is one way 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 and OneDrive.*