Vision and Scope Document

For

Dash-R-Come

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version
Hurley Evangelista	01/25/2018	Firebase is not allowed	1.0
Emmanuel Devera	01/26/2018	Added Business Opportunity, Objectives and Success Criteria, Business Risk and Vision Statement	1.1
Hurley Evangelista	1/27/2018	Finalized Vision and Scope Document	1.2

1. Business Requirements

The proposed project is an Incident Reporting System. The system will provide the client a web-based system that will help them receive a detailed, and valid incident reports. Using the system, the client will be able to monitor the most common incident that occurs in the area. Using the system, the client will be able to get rid of prank callers/ reporters and avoid deploying/ sending people to respond to prank reports.

1.1. Background

The current system that the Barangay Magallanes is using is a database that stores the records of incident reports that they have received. They use this system to keep track of the incidents reports. These records are being forwarded to Makati Police District 2 every month for compilation. The client's problem is receiving and validating incident reports. Sometimes, they receive incident reports that is not covered by their jurisdiction, what they do in these cases is they forward/ refer the reporter to the designated department.

1.2. Business Opportunity

The team found out that Barangay Magallanes has issue in receiving incident reports via telephone calls. In today's times, crime, vehicular accidents, fire, exploitation of traffic officers and robbery is hard to investigate especially when there is no proof or witnesses. A system that can keep track of these cases can be helpful not only to the client but to everyone who gets involved to an incident.

1.3. Business Objectives and Success Criteria

The team's main objective is to provide the client an Incident Reporting System that could help the client receive a valid and detailed incident report. Also, the system has an easy-to-use web server where the incident reports (picture/ video) will be categorized and stored. This categorization feature will help the employee manipulating the web-server find or analyse the incident report easily.

1.4. Customer or Market Needs

The client's problem with their current procedure is receiving and validating incident reports. They cannot validate if the reporter is not a prank caller. Using the proposed system, validating the incident reports will not be a problem, because the system will require the reporter to upload the incident report (picture/ video) to the web-server. The incident reports uploaded to the web-server will be analysed, categorized, and validated by the client's employee.

1.5. Business Risks

Since the group is proposing and developing a new system, there are risks that can be encountered upon achieving the group's objectives. The employee of the client must be trained in order to use the new system without difficulty.

2. Vision of the Solution

The system will provide a long term support in the Barangay Magallanes, the team intends to create a consistent system that will able to help the not only the Barangay Magallanes but also its Constituents.

2.1. Vision Statement

The team envisions Barangay Magallanes to have a safe, united and peaceful community. The team aims to have fast and responsive rescuers. Using the system, the client will be able to validate the incident reports easily.

2.2. Major Features

The proposed system's main features are:

- Login system feature to authenticate the user and to avoid fake reporters.
- 'Take a snap' feature that allows user to send only a picture of an event.
- 'DashBlue' feature that allows user to transfer the video footage of the incident from the dashboard camera to the android device.
- 30 seconds limitation for capturing to video footage to reduce the memory used.
- A third party video cutter feature to reduce the file size and data that will be consumed.

2.3. Assumptions and Dependencies

The team assumes that the project will be implemented, and will meet the client's expectations and requirements.

3. Scope and Limitations

The scope of the project is the whole Philippines. The group target users of the mobile application are the motorists, bystanders, constituents and android device users. In order for the user to use the mobile application, the user must register to the mobile application and must have an internet connection or mobile data. Also, the user must have a picture or video footage of the incident captured that will be uploaded later on to the web server, which is being operated by Barangay Magallanes employee. In capturing pictures or videos, the user has three options, first, the user can use dashboard camera and transfer to the android device with its Bluetooth feature (the two devices must have a Bluetooth capability), second, if the user had captured the video footage with his/her android device, it must save in the android's file system such as, Gallery and upload in the application from the file system, and third, the 'take a snap' feature to directly capture the video footage in the application that has 30 seconds limitations.

If the user does not have an internet connection, then the application cannot be used to emergency situation. The project will not be covering the responding part of Barangay Magallanes and the desired leading agency. The proposed project is only limited in generating incident report that will be forwarded to the desired leading agency

3.1. Scope of Initial Release

The group intends to provide the following at the Initial release of the product

- Fully working mobile application
- *Web-server that is accessible to Barangay Magallanes*
- *List of hotlines of different departments in the Philippines*

3.2. Scope of Subsequent Releases

When the system has been successfully implemented, the team is planning to add the statistics feature. This feature will record all the incident reports and compile them for the client to have statistics.

3.3. Limitations and Exclusions

The client might anticipate a feature that can automatically categorize the type of incident that was uploaded to the web-server.

4. Business Context

Some business issues that the project may encounter are there are similar projects out there. The major customers of the project are the; motorists, bystanders, constituents and android users. The group come up with the project because the group found an opportunity and thought that the project is possible.

4.1. Stakeholder Profiles

Stakeholder	Major Value	Attitudes	Major Interests	Constraints
Developer Team	Create the System	Check the functionalities of the System	Meet the requirements of the client	Budget and Time
Barangay Magallanes	Get rid of fake reports	Monitor the web-server	Easy to use mobile application and web-server	Budget
User	Report an Incident	Film an incident report / take picture of an incident	To be taken action	Data Connection Android version

4.2. Project Priorities

Dimension	Driver (state objective)	Constraint (state limits)	Degree of Freedom (state allowable range)
Schedule	release 1.0 to be available by 20/05/2018		Free to use
Features	• *Login system* • *'Take a snap'* • *'DashBlue'* • Video Cutter	Mobile data/ Internet Android Version	70-80% of high priority features must be included in release 1.0
Quality			90-95% of user acceptance tests must pass for release 1.0, 95-98% for release 1.1
Staff	Barangay Magallanes Employee	Must undergo to training to be able to use the system	
Cost			budget overrun up to 15% acceptable without executive review

4.3. Operating Environment

The system is only accessible in Barangay Magallanes. The system will be manned by Barangay Magallanes Employee. The Barangay Magallanes Employee is responsible for analysing, categorizing and validating the incident report.