**AlertMe**

*[Quotes, logo, punchlines, photos]*

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# **INTRO & GOAL**

[Goal:]

[Idea:]

[Resources or links to articles:]

# **USERS - WHO’S** IT FOR?

Personas

1. **Product people** –
2. **Investors** -
3. **Tech Consumers** –
4. **And many more**

# **MOTIVATION - WHY** BUILD IT?

1. Personally enjoy using?
2. Monetization opportunities
3. Tech advancements
4. Society
5. Community development?

# **PROJECT DESCRIPTION - WHAT** IS IT?

## **GLOSSARY**

**[Terms used is your project]**

[Abbreviations used in your project]

[Terms you create to define things]

## **USER TYPES – BASED ON YOUR DISTINCTION OF AUDIENCE**

1. **Non-Registered Users** - people that have no yet registered
2. **Registered Viewers** - people that have registered and can vote on posts but cannot post or comment.
3. **Contributors** - registered users that can post, comment, and upvote (ie, “Hunters”?)
4. Admins

## **PAGE 1/COMPONENT 1 DESCRIPTION**

## **PAGE 2/ COMPONENT 2 DESCRIPTION**

ADDITIONAL FEATURES

## **POSTS**

## **INTERACTION WITH THE FEATURE – TRIGGER**

## **INTERACTION – HOW ?**

## **RESULT OF INTERACTION - CONSEQUENCE**

## **COMMENTS**

## **FOLLOWING**

## **REGISTRATION**

[Values to provide]

[Mandatory?]

# **BRAINSTORMED IDEAS**

[In points]

[visual images]

# **ASSUMPTIONS / CONSTRAINTS / STANDARDS**

*[Describe any general design assumptions / constraints / standards related to any of the project’s design]*

# **COMPETITORS & PRODUCT INSPIRATION**

Articles, links, references, images

# **CONTENT**

**USER INTERFACE DESIGN - Mockups**

**Page 1**

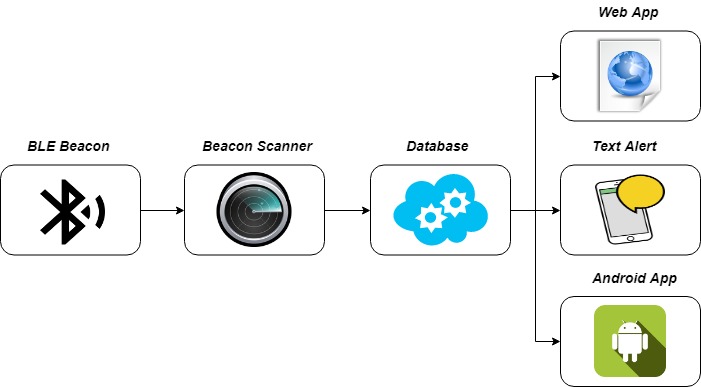
**Page 2**

**All images – linked**

Flowcharts

# **TECH NOTES**

## **LOGICAL VIEW**

**

## **HARDWARE ARCHITECTURE**

The hardware for the AlertMe system is composed of a BLE iBeacon, and a Raspberry Pi which acts as a BLE scanner. Any BLE iBeacon with a reconfigurable proximity UUID could be used. For the purposes of this minimal viable product, the team chose a Qualcomm Gimbal beacon for its low cost and ease of use.

## **SOFTWARE ARCHITECTURE**

*[Insert any software architecture documents or provide a reference to where they are stored.]*

## **SECURITY ARCHITECTURE**

*[Insert any related security architecture documents or provide a reference to where they are stored.]*

## **COMMUNICATION ARCHITECTURE**

*[Insert any related communication architecture documents or provide a reference to where they are stored.]*

## **PERFORMANCE**

*[Insert any performance documents or provide a reference to where they are stored.]*

**Models**

UML or sitemap or class diagram

Git hub links

Tech help: Stack overflow or other forums, documentation links

## **DATABASE DESIGN**

*[Insert any documents describing any necessary database design guidelines or provide a reference to where they are stored.]*

**Interations & User Feedback Loops**

[Version 1 ]

[Version 2]

**VERSION HISTORY**

*[Provide information on how the development and distribution of the* ***Product Design Specification****, up to the final point of approval, was controlled and tracked. Use the table below to provide the version number, the author implementing the version, the date of the version, the name of the person approving the version, the date that particular version was approved, and a brief description of the reason for creating the revised version.]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Version #** | **Implemented**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1.0 | *<Author name>* | *<mm/dd/yy>* | *<name>* | *<mm/dd/yy>* | Initial Design Definition draft |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# **FUTURE IDEAS**

**Appendix A: References**

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name and Version** | **Description** | **Location** |
| *<Document Name and Version Number>* | *[Provide description of the document]* | *<URL or Network path where document is located>* |

**Appendix B: Key Terms**

The following table provides definitions for terms relevant to this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |