Event Sharing Android Mobile App
An app that promotes event awareness.

Submitted to:

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Unique Reference:

The documents are stored in https://github.com/Zhalen/event-sharing-app.

Document Purpose:

The purpose of the document is to provide a description of the design of a system fully enough to allow for software development to proceed with an understanding of what is to be built and how it is expected to built. The document also provides information necessary to provide description of the details for the software and system to be built.

Target Audience:

This document aims to target developers who are on same field of work, potential users who are looking for a suitable app to aid them in their jobs, and the current users who want to make the most out of the apps functionality in both present and future developments of the system.
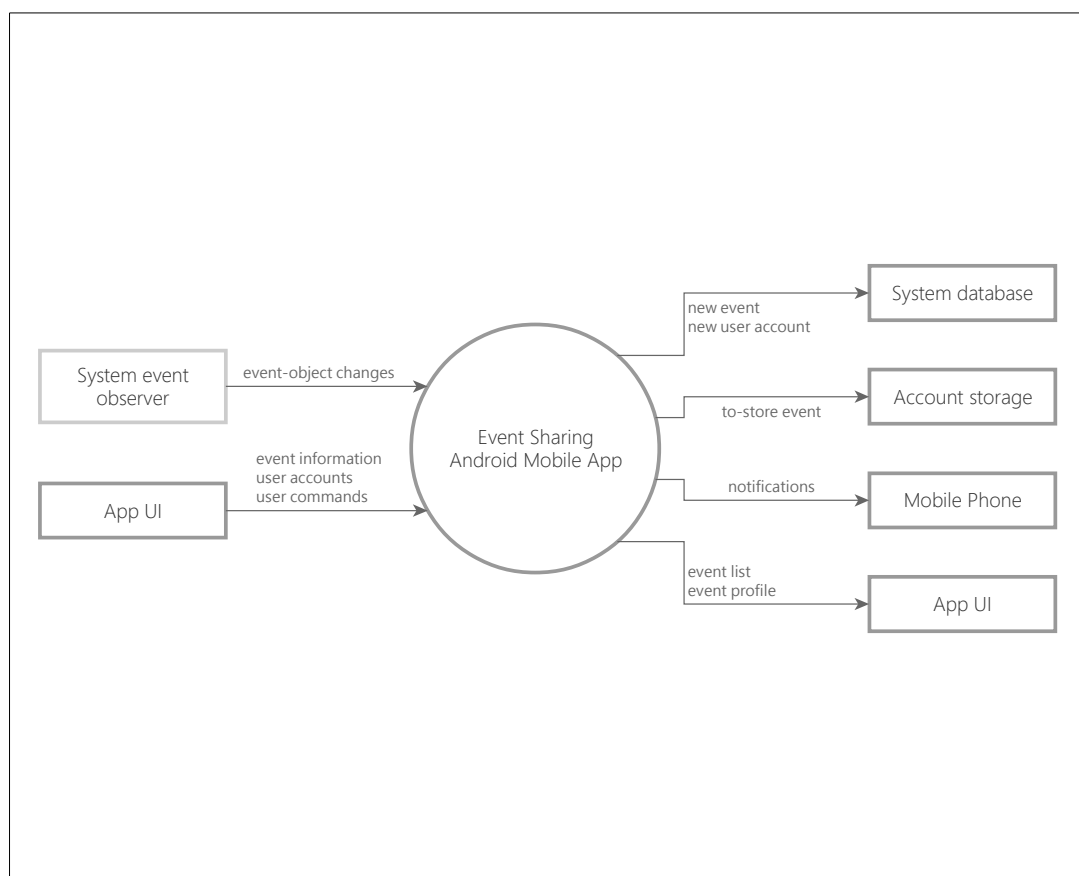
Revision Control:

Revision Date	Person Responsible	Version Number	Modification
08/25/15	Zachary James Ubias	1.0	Initial Document.

Project Title: Event Sharing Android Mobile App

Description: As for today's current technologies, usually social networking sites, people don't usually get the most out of posts on certain events. Information on events are usually jumbled up on someone's homepage, making the current users tediously scroll down to look for those event related posts. The aim of this event sharing app is to provide a place where people may gather up at some certain spot in the web where people can share information related to a certain event targeted at a certain place in the globe.

Context Diagram:

Entities:

Entity	Description
App UI	The apps user interface, where the user can view and input information; The front-end system, responsible for sending information to the system's back-end for processing data queries.

Entity	Description
System event observer	Responsible for observing changes in an event; Listens to an event object for changes and sends updates to the system for processing.
System database	Storage of all data related to the system.
Account storage	A part of the system database that stores account related data – stored events, user information, etc.
Mobile phone	The device that the user uses to access the app's services.

Major Inputs:

Input	Description
Event object changes	Changes/updates within a specified specified event object.
Event information	All data regarding a certain event that may be deemed useful for the user.
User accounts	An system account for private users to make the most out of the system's functionality. (Public user's only get view-only access from the system.)
User commands	User queries, system button commands, UI services.

Major Outputs:

Output	Description
New event	The major unit of the whole system. Contains information on a certain event at a certain place where users can view and post related information on. Future development of the system may also include an AI system that filters information on the specified event from social networking sites, or even search engines.
New user	A user account for private users to log-in to the system.
To-store event	An event saved by the user for future reference or quick access.
Notifications	Updates sent to a users account, usually synched with the user's device for real-time notification pop-ups.
Event list	A list of events, usually produced from event-list query commands from the users when searching for events.
Event profile	Contains all need-to-knows on a certain event [object].

Major Functionalities:

Function	Description
setNewEvent	Create a new event [object].
storeEvent	Store event into the system's database or user's account storage.
searchEvent	Request for a list of events depending on certain attributes provided by the user [or an AI that determines attributes from a string input].