**EventsHere**

- Name: EventsHere (may changed)

- Environment: run as an application for iOS and Android, also as a website.

- Purpose: name and description of all the events happened now and in the future, sorted by zip code and keep update continuously by user. The content will be more action than Trip advisor and others website because it works well on events than places and attractions.

- User: there will be three kinds of users such as

+ Admin: users who manage and make sure the web and apps run well.

+ Host users: users who post and create the events, they also can send the invitations to other users (hopefully we could earn money from this part).

+ Regular users: other users who seek for the information.

- How it works: Host users will create the events (fair, farmer markets, fund raiser, …) and these events will show up on the main page. Base on the history search, every user will have different main page. Regular users could choose about 10 different zip code or location for easy finding and showing the events on their wall. For example, one user choose San Diego 92126, Irvine, OC, when they sign in only the events in those area show up; however, they can search for other zip code or go to main page to see the highlight ones. When the events pass the current date, they will disappear but still searchable by date.

In future, every user could have personal page, which make them creating and hosting a small event (birthday, graduation farewell, Christmas…) as well as invite other users (family and friends) to join. But it will be considered in future when the web and apps achieve a certain number of users.

Admin don’t have to update any information, just manage the web and apps to make they run smoothly and develop new tools.

- Cost: free for all users at the beginning.

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San Diego, July 28, 2015

Yen Pham

Sketch :::::

Database Server ( Hosted)

* PHP , Java
* Supported : HTTP , JSON ,XML
* Handles : Users ,Event , ZipDB

Web UI

Client :

* IOS
* Android

Source Code Repo :

* Github

Server :

- LAMP Model : Linux – Apache – MySQL – PHP

- Java : Spark

- MySQL – SQLAdmin

Client :

* Needs implementation of Server Side Service with HTTP/Json API

Needed for Phase 1 (Experiment):

* Java code:
  + Handles Unit Classes: Events, Users, Location
  + HTTP request to server (More advanced)
* Server needs to be in place (at least to handle HTTP request)