**open source hackathon -- opensourcenola.org**

WHAT THIS IS:

* Web interface app to help deal with Nola bike theft problem
* Scalable
* Localized (thinking craigslist-y in that it could be duplicated in another city)
* Build national network by cities

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**APP WISHLIST**

Full site search

Scalable -- distributed db, cloud?

use hiroku w/ cluster

**DB:**   
Can cross reference and generate a feed  
Note: bike easy has spreadsheet w/ info in csv

* Bike Registration
  + ownership validation?
  + Match bikes to owners,
  + bike ownership transfer Integrate w nopd bike registration or
  + bikeindex.org or both)
* Incident report
  + (accidents etc.)
* Bike theft (
  + see github.com/sethherr/bike\_theft\_map)
* Bikes found
* Suspicious activity
  + s# to search

**MAPPING FUNCTIONS:**   
generate a feed: filtering functions like neighborhood, dates, & etc

* Pin Theft Locations
* Pin Bike Found Locations
* Pin Known Secure Bike Parking
* Pin Locations Of Desired Secure Bike Parking

**LOCAL BIKE AND COMMUNITY RESOURCES**

* Bike Route Map
* Local Bike Law
* Bike Community Info
* News, Arrests, Shops, Orgs, Events
* Calendar
* Local Newsfeed
* Education
* S# 101
* Nola Social Ride Has PSAs on You Tube for Bike Ed
* Shout-Outs & Wall Of Shame
* Social Media Integration -- Facebook, Twitter, Craigslist For Sale?
* Login W Google+ Or Facebook Option

**ROBUST USER ACCOUNT MANAGER FUNCTIONS**

* Privacy -- Profile, Connected Profiles
* Email -- Notifications -- Connect/Disconnect To Feeds
* Text Notifications -- Avoid Slow Email Response Times
* Bike Thumbnail Profile Pic

**INTERNET-OF-THINGS INTEGRATION**

**RESOURCES**

* Bike Easy
* bike index
* Bike Shepherd
* map.bikewise.org
* ridethecity.com
* to generate bike routes
* L.A. bike train

**Maps:**

* openstreetmap.org
* bicycle theft heat map (San Francisco example)
* http://seismograph.co/stolen­bicycle­map­sf.html ­ info from developer of that site on 2nd page of this document

**Bike Laws:**

* http://bikeeasy.org/support/know­the­law/
* http://www.nolasocialride.org/bike­laws/

**NOLA OpenstreetMap bicycle map:**

* http://www.openstreetmap.org/relation/131885#map=11/30.0037/­89.8888&layers=C

**Events:**

* http://www.nolasocialride.org/events/
* http://www.nolasocialride.org/calendar/

**PSA’s on NOLASR Youtube channel:**

* https://www.youtube.com/playlist?list=PLPKcHHSjxUK0Azl7xEfnYiYmKUn5AgyuM

**CONTACTS**

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