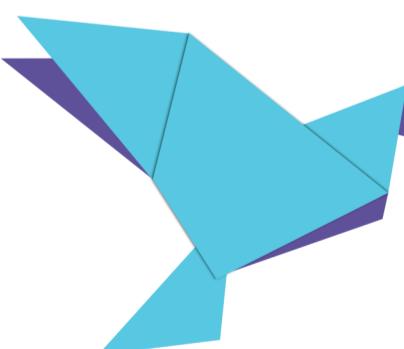




Report on

# Freedom Hack

(8th and 9th Feb, 2014)



**INMOBI**  
**FREEDOM HACK**  
For an open world...

In memory of **Aaron Swartz**

# Table of Contents

Acknowledgement - - - - -	ii
Executive Summary - - - - -	1
The Freedom Hack Process - - - - -	3
Hackers' Demographics - - - - -	5
Speakers, Jury and HackMasters - - - - -	6
Online Presence - - - - -	9
Media Coverage- - - - -	11
Feedback Report - - - - -	13
Lessons Learned - - - - -	16
Contributions - - - - -	17
List of All Hacks - - - - -	18

# Acknowledgement

This note is to acknowledge not only the people mentioned here but each and every hacker, volunteer, organizer and person who made Freedom Hack happen. So, here we go.

Our special thanks goes to all the Judges for their fair judgment and insightful observations to identify the deserving winners. We also acknowledge the Hackmasters who mentored and guided every team to shape their hacks. Our sincere gratitude to all the speakers for delivering motivating and thoughtful talks.

We appreciate the Geeklist and Barter.li guys for sharing their hacking spirit with us and making a true meaning of a community.

Big thanks goes to the entire organizing committee right from Security staff to IT Support and Admin teams who worked enthusiastically during the event and made sure to put each and every bit in place.

This event would not have been possible without our volunteer team. A bunch of young college students might be bunking their classes to get our website up, spreading the word out since the inception of freedom hack. Only one word for these folks, Amazing job.

Finally, we express our gratitude to all the hackers who came to our office from places and filled our office with millions and billions Joules of energy like never before.

And last but not the least a big Thank You goes to every folk out there who tweeted for our hashtag and liked/shared our posts on facebook. And, every person who spread the word for us, convinced a friend to participate, rode kms to hack, cancelled other commitments over the weekend and finally stood with us for an open world and for Aaron Swartz.

# Executive Summary

InMobi organized the Bangalore chapter of Aaron Swartz memorial hackathon series happening worldwide. The event was held on 8th and 9th feb, 2014. Hackathon was open to both InMobians and outside people as well. It was a 24 hour hackathon started on 10:00 am on 8th Feb and ended after 24 hours followed by demonstration of hacks and prize ceremony.

Event received registrations from close to 160 teams . Based on the hackers' credentials and the abstract of their hack, we shortlisted 47 teams. Finally, total 41 teams comprising of

118 hackers came to hack their prizes in InMobi premises for 24 hours. The teams represent a very good mix of working professionals and students.

All the hacks were judged on three criterion; completeness of the hack, novelty of the idea and the impact it can create. We had two hackmaster rounds before the final demonstrations, where the hackmasters went to every team for mentoring them. This was again on the basis of three criterion; how ready the hack is, how demo able the hack is and is the hack presentable in 5 minutes of demonstration time given.





Freedom Hack also had three very insightful talks on topics; writing beautiful code, how to take your hack to the next level and Aaron Swartz the Hacktivist. Further details on speakers, jury and hackmasters can be found in coming sections of this report.

Winner team, PowerTrain was second year students from PESIT, Bangalore and took home a cash reward of INR 50,000. First runner up team was Miners having members from InMobi and Flipkart and won cash reward of INR 30,000. Second runner up team had a member from Yahoo and a college student. They won a cash reward of INR 20,000. The list of all the

hacks including the winning hacks can be found in the last section of this report.

The website for the event was created with the announcement of event. Besides, a social media plan was very important to reach out the people effectively and efficiently. We created a Facebook page and a Twitter Handle for the event. The report also mentions the social media statistics.

Many brilliant ideas were brought to life during the hackathon but this is just the start of journey for those hacks. We wish many of them reach to the stage where they can touch and impact lots of people around.

# The Freedom Hack Process

## Before Hackathon

Jan'14

18 19 20 21 22 23 24

### Website Up

We launched the website freedomhack.in  
Team size was minimum 2 and maximum 4.

### Social Media Plan

Hashtag #freedomhack  
Facebook Page  
fb.com/freedomhack  
Twitter Handle  
@freedom\_hack

### Registrations Started

We used eventbrite for registrations. Credentials asked were their LinkedIn and Github Profiles, work details and abstract of hack.

Feb'14

1 2 3 4 5 6 7

### Registrations Closed

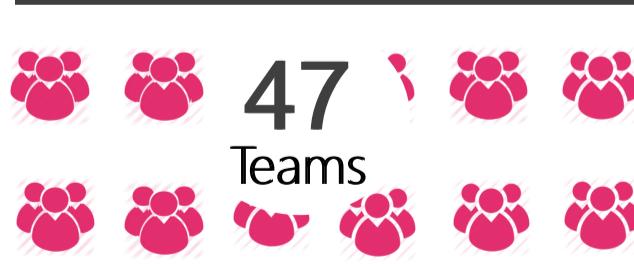
Total 160 teams registered.

### Shortlisting

Based on the credentials and abstract 47 teams were shortlisted.

### Welcome Mail

All the selected participants were sent welcome mails.



# The Freedom Hack Process

## During Hackathon

Feb 8th

10 am 2 pm

4 pm

8 pm

12 am

### Hacking Starts

Total 41 teams and 118 hackers came.



### Final Ideas Registration

All the teams registered their final ideas.

### Hack Master Round 1

Hack Masters mentored every team based on:

- How ready hack is
- Demo ability of hack
- Present ability in 5 mins

Feb 9th

4 am 8 am

10 am

12 pm

### Hack Master Round 2

Hack Masters shortlisted 35 teams for final demonstrations.



### Demonstrations

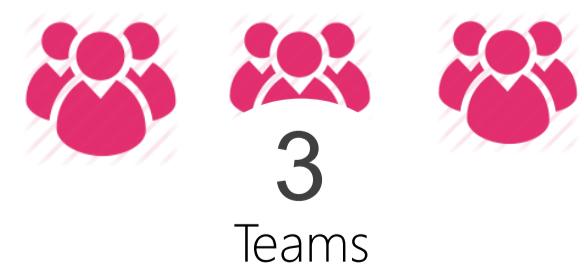
Judging Criterion:

- Completeness of hack
- Novelty of the idea
- Impact of the idea

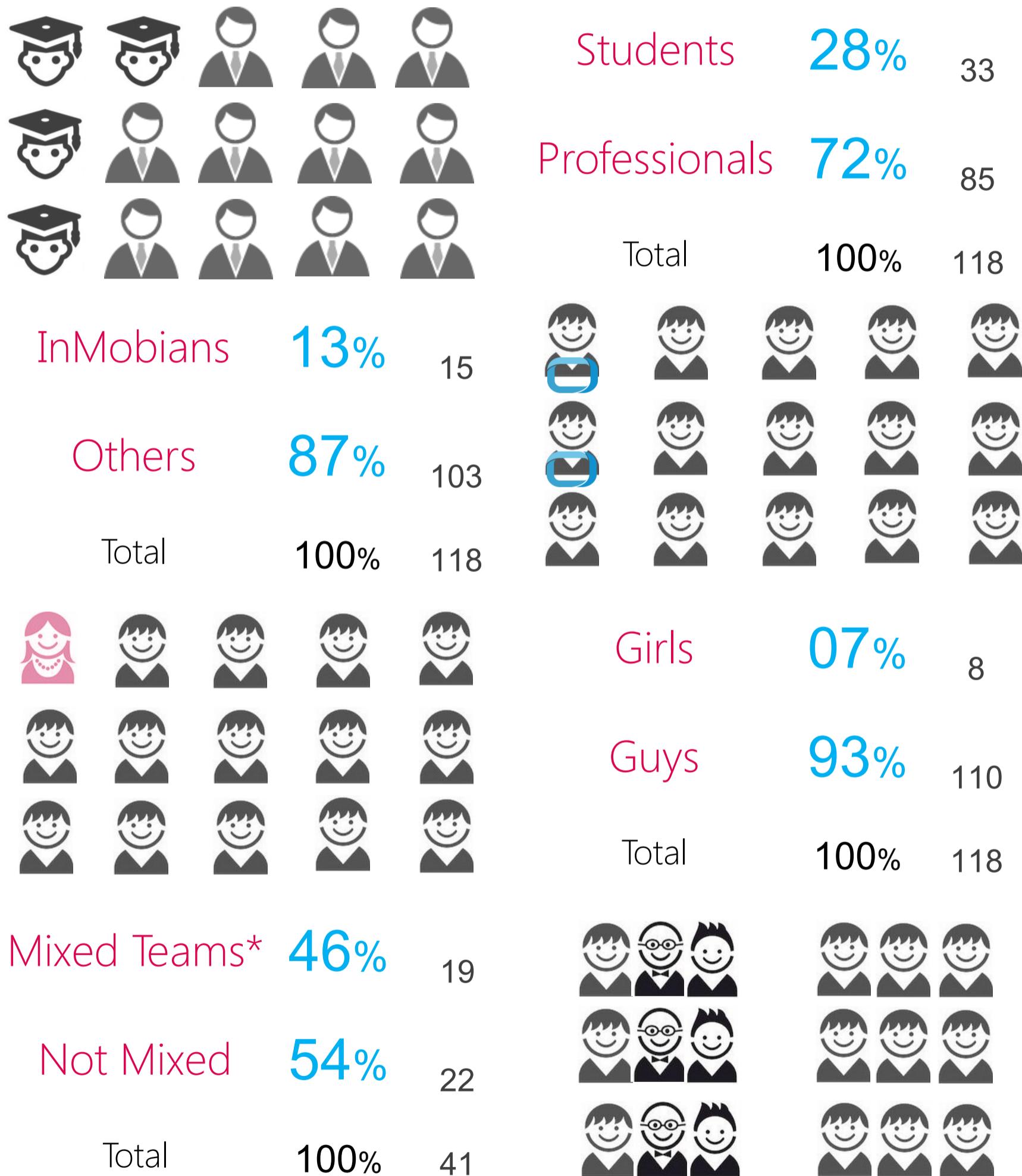
### Prize Ceremony

Winners were

- First: Powertrain
- Second: Miners
- Third: Loners



# Hackers' Demographics



\* We tried to study team dynamics. Mixed teams are having people from different companies or professions. Not Mixed are teams having people from same company or same profession.

# Speakers, Jury & Hackmasters

## Speakers



Sriram V Iyer  
[@sviyer](https://twitter.com/sviyer)

Talk on [How to write beautiful code](#)

Sriram V Iyer is Co-Founder of United Mobile Apps, and also the Technology Editor for YourStory.in. His interests are Mobile / Wireless / Broadband technologies (esp LTE), Mobile Operating Systems (Android, iOS, Symbian) and Programming. When he is not doing anything tech, he keeps stressing his motorcycles and dreams to race one day.

Talk on [Aaron Swartz : The Hacktivist](#)

Sarath is a volunteer for Free Software Movement Karnataka (fsmk.org). He has been a free software activist for the last 7 years, advocating FOSS adoption and organizing workshops and events to promote usage and development of FOSS. He works as a freelance programmer to make a living, specializing in web, mobile and games.



Sarath Madayil  
[@sarath\\_ms](https://twitter.com/sarath_ms)



Prasun Jain  
[@prasunjain](https://twitter.com/prasunjain)

Talk on [How to take your hack to the next level](#)

Prasun Jain is an entrepreneur. He co-founded GBES, a company in the cleantech space, developed 3 commercial product and made a successful exit in 2013. He worked with P&G & Sourcebits. He intends to be in the internet technology space now and is currently leading a stealth mode start-up in Koramangala, Bangalore.

# Speakers, Jury & Hackmasters

## Jury



Amod Malviya

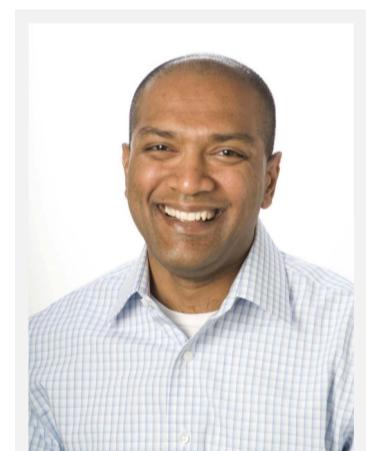
@amodm

Amod Malviya heads the technology team that powers Flipkart's ecosystem. He is a passionate technology enthusiast, with interests ranging from embedded hardware to internet scale systems. He feels strongly about an open Internet in general, and the Indian technology ecosystem in particular. Prior to Flipkart, he has been part of early teams at a bunch of startups.

Mukund Mohan is the CEO in residence of the Microsoft Accelerator. He founded and sold BuzzGain, a leader in Do It Yourself PR, to Meltwater in January 2010. He has founded and successfully sold 3 Silicon Valley startups in the Internet & Enterprise software markets.

Mukund writes at

<http://www.bestengagingcommunities.com>



Mukund Mohan

@mukund



Sharad Agarwal

@sharad\_ag

Sharad is the head of Technology Platforms group at InMobi, where he leads the development of Big Data Platforms that forms the core data backbone of various product lines at InMobi. Sharad's main area of interest is data and distributed systems. Sharad is a technology evangelist and founding member of Apache Hadoop YARN project.

# Speakers, Jury & Hackmasters

## Jury



Naresh is a graduate of IIT Delhi and has diverse experience of building software products and platforms in enterprise and internet domains. Naresh has strong expertise in big data & analytics domain. Currently Naresh is managing engineering for big data, user insights & analytics group at InMobi

Naresh Agarwal  
[@naresh\\_agarwal](https://twitter.com/naresh_agarwal)

## HackMasters



Amrit Sanjeev  
[@amsanjeev](https://twitter.com/amsanjeev)



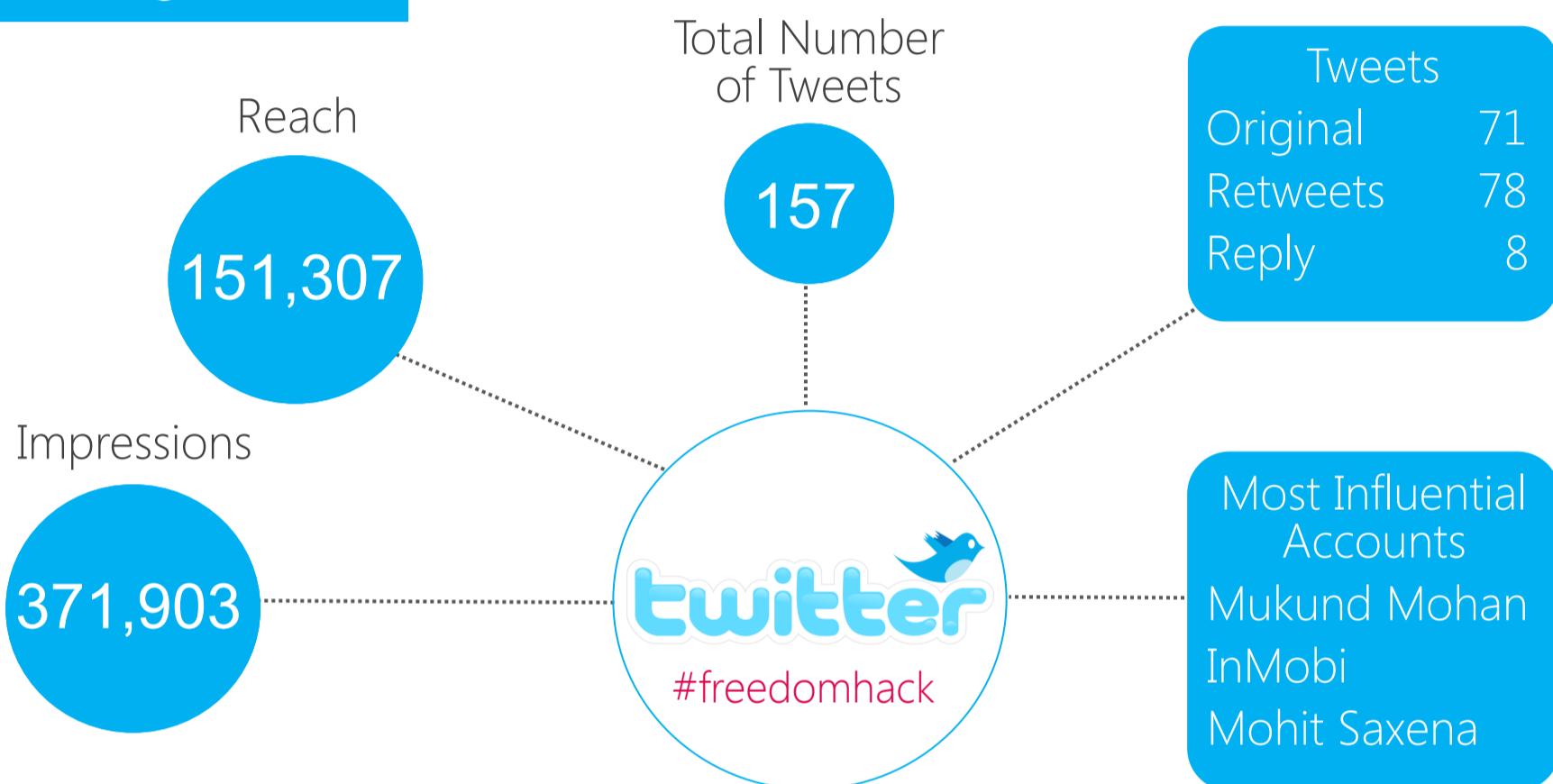
Vivek Prakash  
[@vivekprakash](https://twitter.com/vivekprakash)



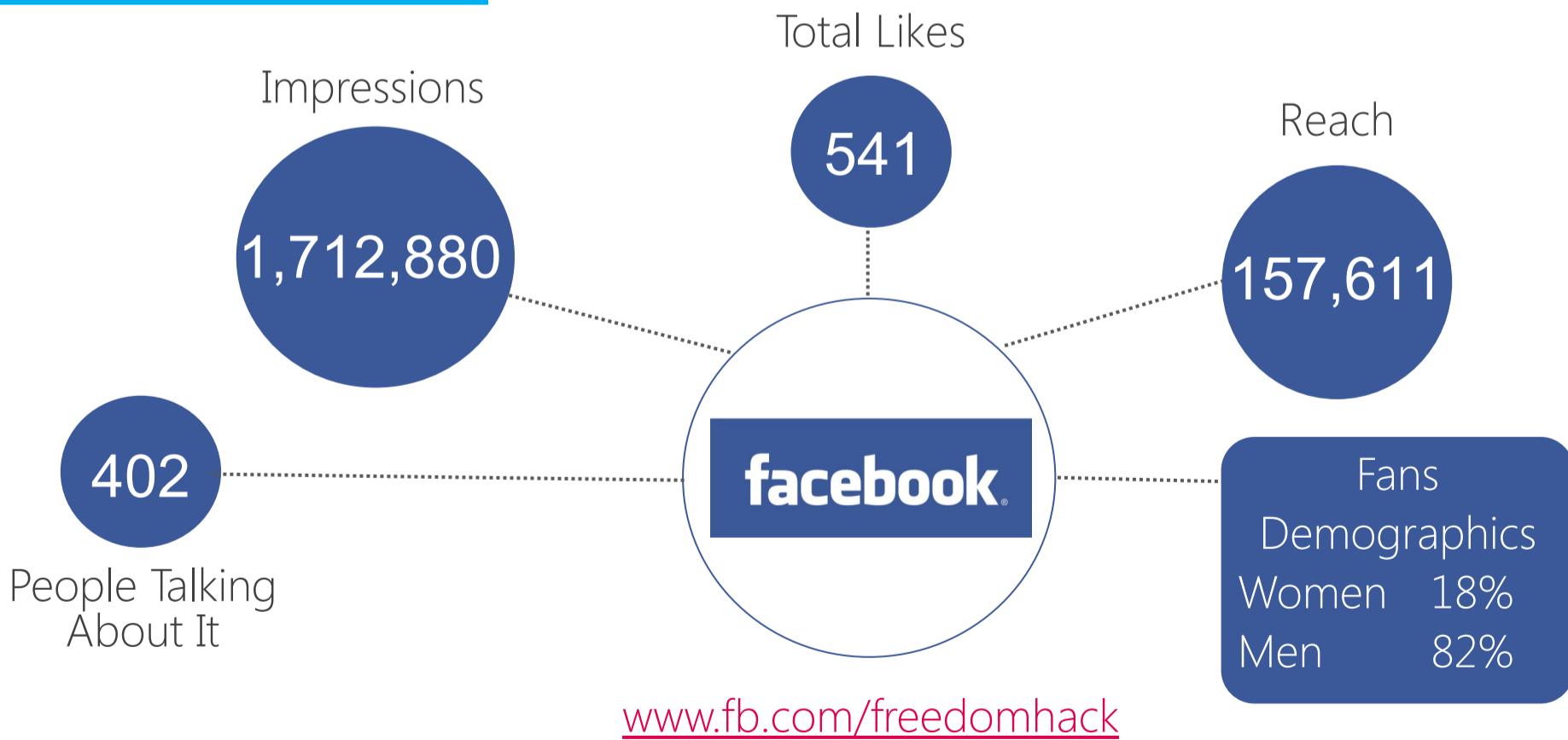
Badrinath Kulkarni  
[@iBadrinath](https://twitter.com/iBadrinath)

# Online Presence

## Twitter Hashtag Statistics

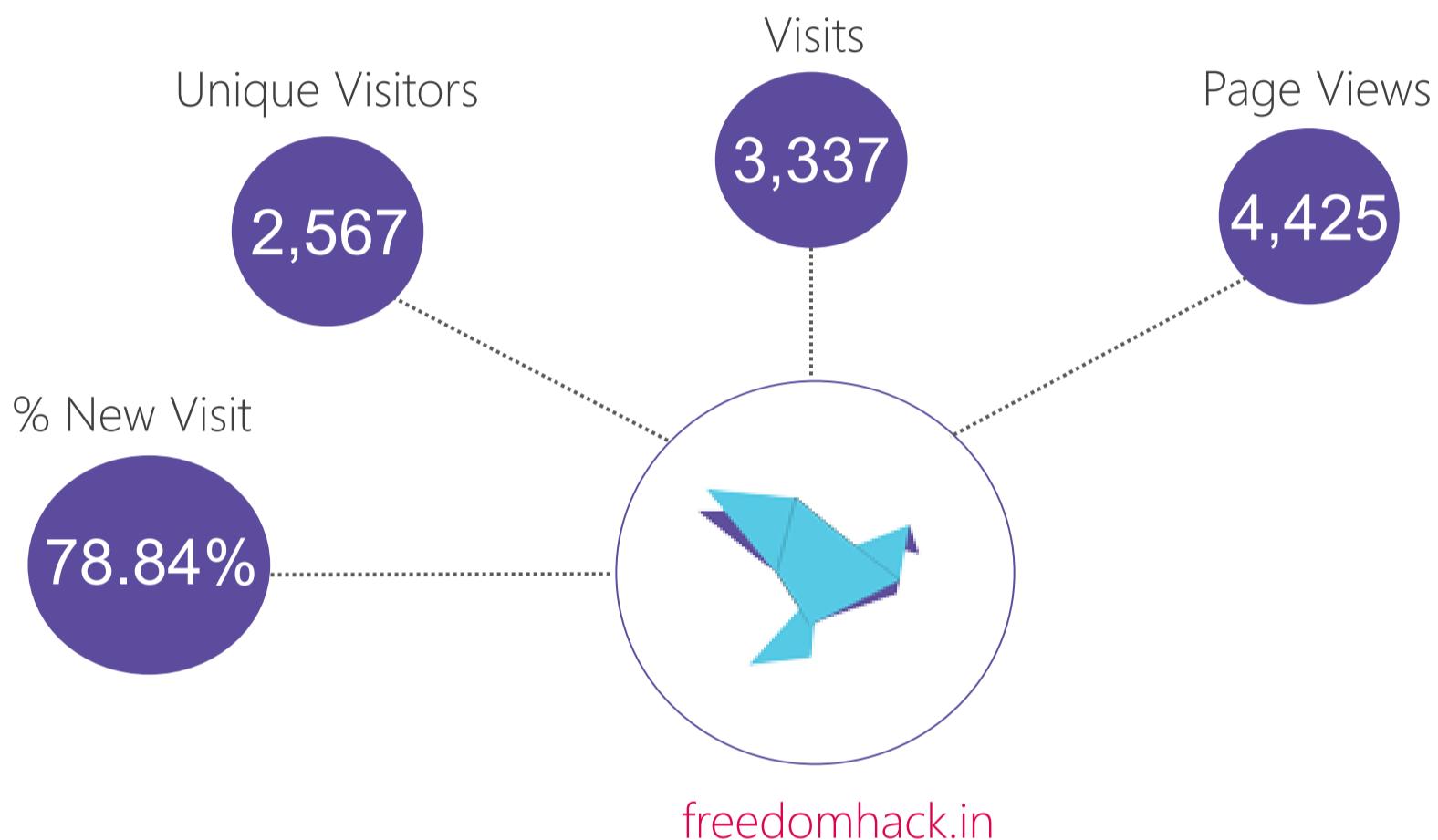


## Facebook Page Statistics



# Online Presence

## Website Statistics



# Media Coverage

Link	Remarks
<a href="http://www.ciol.com/ciol/news/207466/inmobi-host-prestigious-aaron-swartz-memorial-hackathon">http://www.ciol.com/ciol/news/207466/inmobi-host-prestigious-aaron-swartz-memorial-hackathon</a>	Ciol.com
<a href="http://www.indiainfoline.com/Markets/News/InMobi-hosts-prestigious-Aaron-Swartz-memorial-hackathon/5855482171">http://www.indiainfoline.com/Markets/News/InMobi-hosts-prestigious-Aaron-Swartz-memorial-hackathon/5855482171</a>	indiaifoline.com
<a href="http://www.apnnews.com/2014/01/24/inmobi-to-host-prestigious-aaron-swartz-memorial-hackathon/">http://www.apnnews.com/2014/01/24/inmobi-to-host-prestigious-aaron-swartz-memorial-hackathon/</a>	apnnews.com
<a href="http://www.chennaipatrika.com/post/2014/01/24/InMobi-to-host-prestigious-Aaron-Swartz-memorial-hackathon.aspx">http://www.chennaipatrika.com/post/2014/01/24/InMobi-to-host-prestigious-Aaron-Swartz-memorial-hackathon.aspx</a>	chennaipatrika.com
<a href="http://www.efytimes.com/e1/fullnews.asp?edid=127901">http://www.efytimes.com/e1/fullnews.asp?edid=127901</a>	efytimes.com
<a href="http://news.silobreaker.com/inmobi-to-host-prestigious-aaron-swartz--5_2267686178306129939">http://news.silobreaker.com/inmobi-to-host-prestigious-aaron-swartz--5_2267686178306129939</a>	silobreaker.com
<a href="http://www.varindia.com/InMobi-to-host-Aaron-Swartz-Memorial-Hackathon.htm">http://www.varindia.com/InMobi-to-host-Aaron-Swartz-Memorial-Hackathon.htm</a>	varindia.com

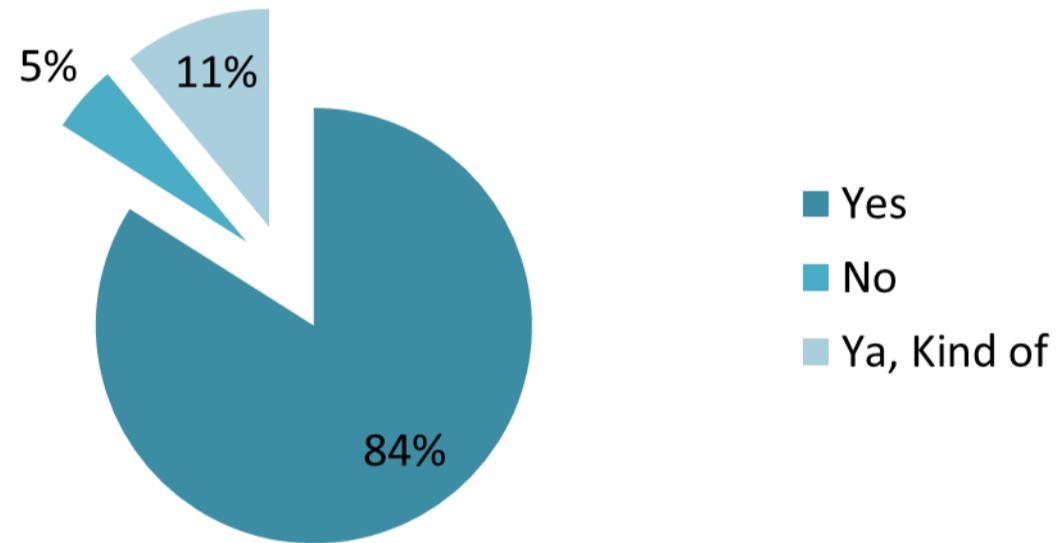
# Media Coverage

	Link	Remarks
	<a href="http://www.itnewsonline.com/news/InMobi-to-Organize-India-Chapter-of-Aaron-Swartz-Memorial-Hackathon-in-February/31546/8/1">http://www.itnewsonline.com/news/InMobi-to-Organize-India-Chapter-of-Aaron-Swartz-Memorial-Hackathon-in-February/31546/8/1</a>	itnewsonline.com
	<a href="http://www.thedatadrive.com/2014/01/inmobi-to-host-prestigious-aaron-swartz.html">http://www.thedatadrive.com/2014/01/inmobi-to-host-prestigious-aaron-swartz.html</a>	thedatadrive.com
	<a href="http://eventshare.in/freedomhack-for-an-open-world-bangalore/">http://eventshare.in/freedomhack-for-an-open-world-bangalore/</a>	eventshare.in
Event Coverage	<a href="http://www.indiatechonline.com/it-happened-in-india.php?id=1294">http://www.indiatechonline.com/it-happened-in-india.php?id=1294</a>	indiatechonline.com
	<a href="http://bestengagingcommunities.com/2014/02/10/the-inmobi-freedomhack-had-200-registrations-and-some-amazing-ideas/">http://bestengagingcommunities.com/2014/02/10/the-inmobi-freedomhack-had-200-registrations-and-some-amazing-ideas/</a>	Mukund Mohan's Blog
	<a href="http://yourstory.com/2014/02/aaron-swartz-freedomhack/">http://yourstory.com/2014/02/aaron-swartz-freedomhack/</a>	YourStory
	<a href="http://programmnergamer.blogspot.in/">http://programmnergamer.blogspot.in/</a>	Karan Dwivedi's Blog

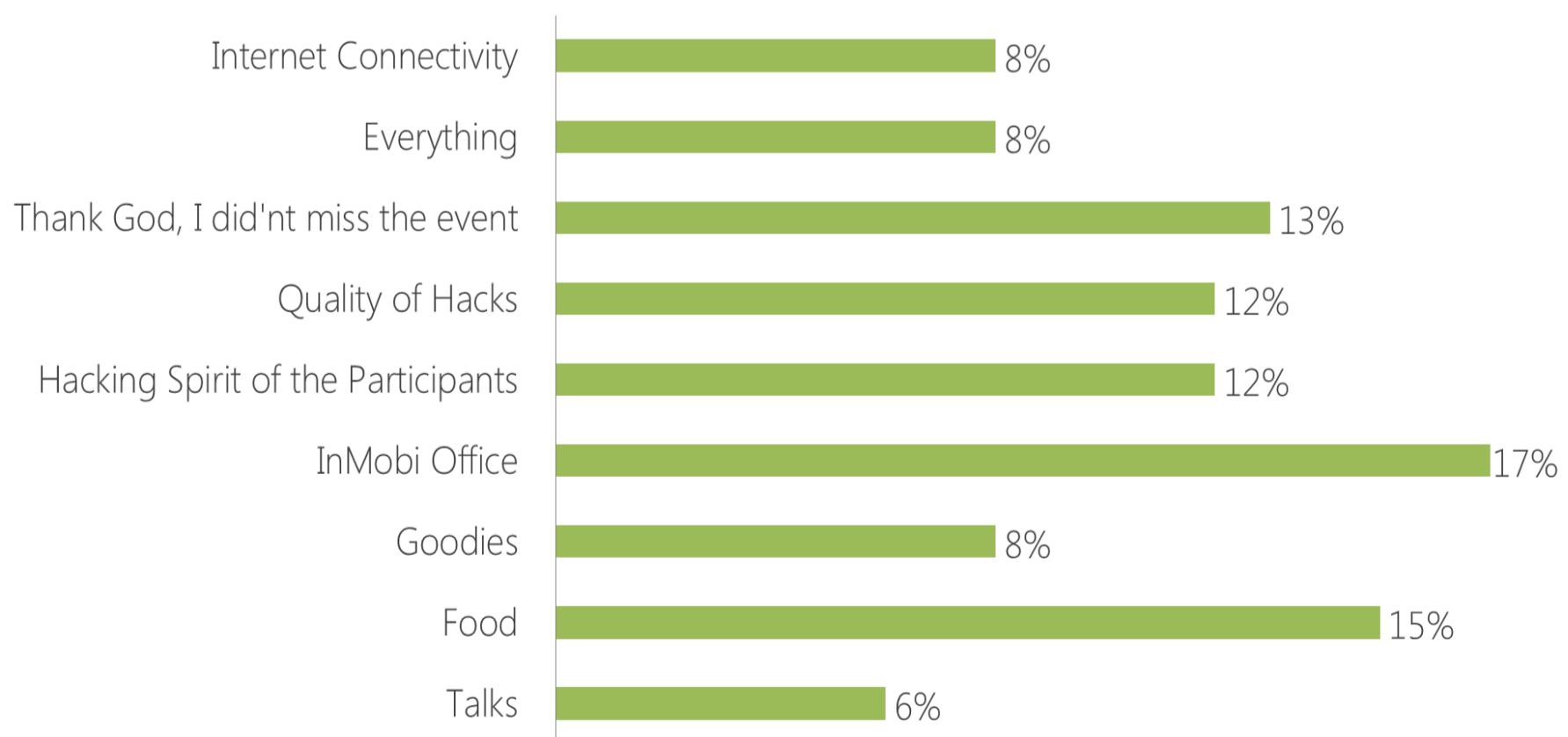
# Feedback Report

All the hackers were sent a feedback form after the event. They were asked simple five questions having one open ended question. The results of the survey are as below.

I was properly communicated and reminded of the structure of the event.



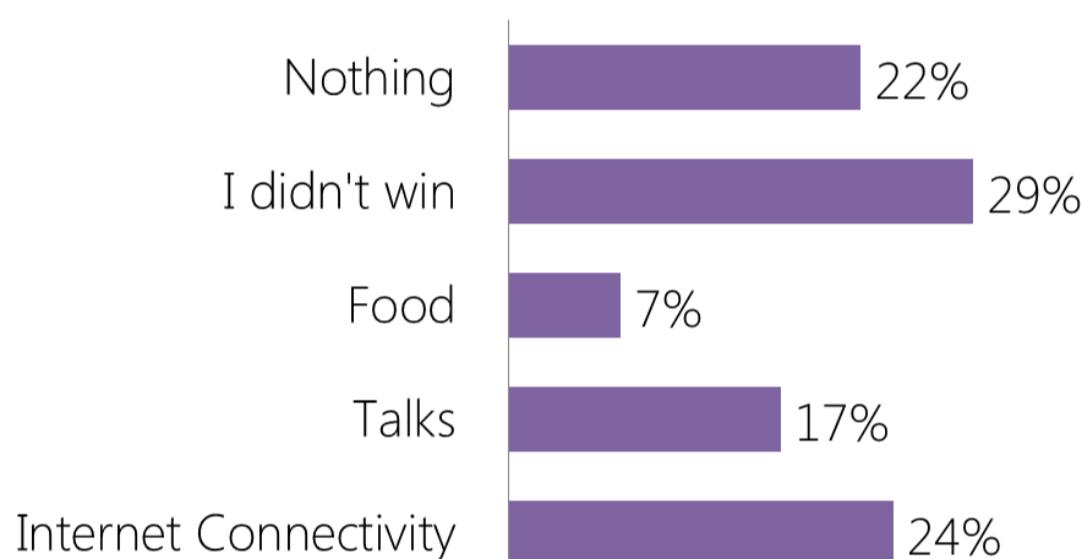
This was something like WOW



Participants had option to choose more than one option.

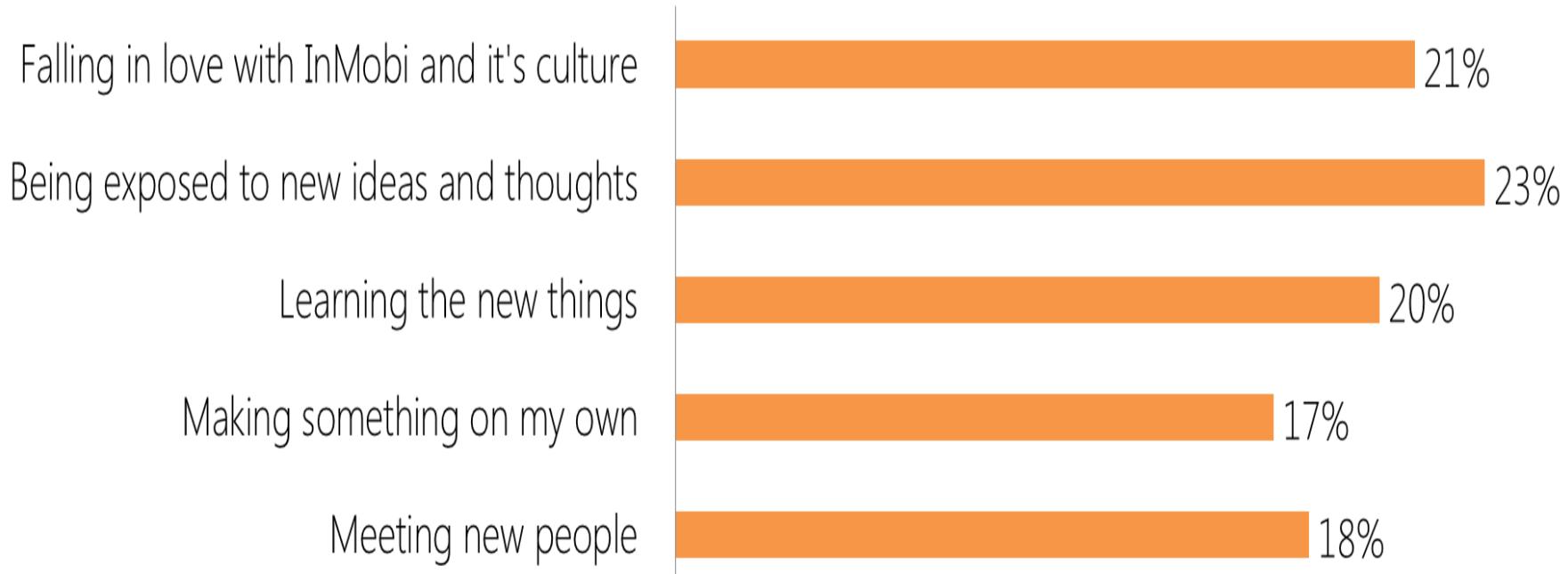
# Feedback Report

This was something that made me CRY



Participants had option to choose more than one option.

Participating in Freedom Hack helped me in



Participants had option to choose more than one option.

# Feedback Report

## Hackers' Testimonials



Learnt how new college kids are thinking and doing great things. Also talk on Aaron Swartz gave me more idea about that guy.



A lot of HACKERS were impressed by our idea of PI-HACK and we even got a deal!!!  
Looking forward to many more such events from INMOBI.



It was an awesome event. Everything memorable. It made me relive my college days.



"FreedomHack", pretty COOL. Next Hackathon, will come up with something really creative.



Best thing, in an informal chat, the CTO shares what he learnt from this event, which means that people there are all about learning and exchanging ideas.



How easily accessible the Hack Masters were! I could easily walk up to them and ask them to review my hack or ask them to clear some of my doubts! Very impressive.



I rode ~40kms on Saturday just to make it and I found it absolutely worthy of my time.



Opportunity to know what can be done and interaction with market techies and future techies.

# Lessons Learned

We learned many lessons from our first external hackathon. We are confident to take care of these insights and learnings in our next edition.

## A Short Preparation Time

The date for the Freedom Hack was finalized only 4-5 weeks before the event. We learned that organizing this level of event require a detail level preparation. Due to inadequate time, we also lacked outreaching to more folks out there.

## Less Participation from Women

By analyzing the hackers' demographics and other social media statistics, we find very less women

participation in the event. We are thinking of the ways to improve this next time.

## Participation and Collaboration with Tech Companies and Universities

Collaborating with other tech companies and universities is a very effective way to reach out the right folks and getting some of the best ideas on the stage. We have made a note of this for our next edition.

Besides these, there are so many areas where we can be very close to perfection. If you have any suggestion or just an idea, then we are listening. Drop in to [info@freedomhack.in](mailto:info@freedomhack.in)



# Contributions

InMobi appreciates the contribution from our volunteer team. Thank You:

- Santosh Kumar
- Nitesh Jain
- Swathi C
- Sangeetha S
- Rahul Kondi
- Mohd. Isham
- Aditya Bhushan
- Raghu Mohan
- Aruna S
- Shrikrishna Holla
- Rahul Ravindran



# List of All Hacks

## Winner Hacks



### Power Train (Winner Team)

PERECO- Personal Emergency Response Ecosystem A unique and innovative solution that facilitates the minimization of loss of human life in the face of mishaps or life-threatening circumstances. It uses unique predictive analysis techniques to determine whether the individual is currently present in a hazardous or potentially hazardous environment and therefore suggests immediate evasive measures that ensure that the concerned individual manages to relocate himself to a predetermined safe-zone. The system also has a live-tracking, support and updating feature to ensure that his/her whereabouts are reported in real-time and strives to ensure that proper entity management protocols are put in place and practiced thereby resulting in an efficient and effective method of secure exfiltration of the entity from the said undesirable situation. However, if the entity finds himself needy of external support services, our solution introduces complete automation in the stages of detection, reporting and response to the emergency situation, thereby eliminating any manual latencies involved in the rescue operation ensuring that the victim is rescued and transported to the nearest emergency care facility within the crucial "Golden Hour" in which the survivability of the victim is maximum. Also a manual override and enable option is provided for our solution for the user to make use of in any other unforeseen situation.

#### Team Members

Chirag Sumanth  
Arvind Srikantan  
Aditya Dalwani

# List of All Hacks

## Winner Hacks



### Miners (First Runner Up Team)

All Street Journal

This application maps news from various online sources (eg TOI online), to their relevant localities inside a city, and also automatically tags each news article to one or more categories. We provide an interactive GIS interface for browsing through various articles based on locality of interest. The user can filter news based on location, topics and sources.

We further use this categorization and location tagging, to derive useful info such as a habitability index / crime index etc at locality level."

#### Team Members

Varun Modi

Movin Jain

Debjyoti Paul

Amit Bendale



### Loners (Second Runner Up Team)

Feeling Lonely

A multiplatform mobile app where strangers who feel lonely find each other and play game or chat. User are anonymous while using the app.

#### Team Members

Praveen Chukka

Avinash Chukka

Isaac Wesley

# List of All Hacks

## Lazarus

Music player that suggests music based on your social media activity

### Team Members

Manas Jayanath  
Jaydev Ajit  
Megha Agarwal

## Hackerz

An Offline Navigation APP for android using just SMS .

### Team Members

Ahmed Shabib  
Ganesh Hegde

## Segfault

faKtopedia - Community driven random fact generator from data.gov.in

### Team Members

Anusha Rao  
Saimadhav Heblikar  
Akshay MS  
Phaneendra Hegde

## Matrix

Missile: Share your thoughts anonymously. Have a discussion over it without disclosing your identity. Create, share and improvise your ideas/thoughts without any restrictions.

## Team Members

Yajnesh T  
Vishal Vijay  
Jickson P

## Socket\_Timeout

PlanOurHoliday

### Team Members

Vaidyanathan Subramanian  
Ajitsen Surendran  
Chetan Naik

## Troy

Connecting nearby people living in vicinity based on their interests.

### Team Members

Prakhar Kumar Goel  
Sidhant Goel

## Nemesis

Steganography on TCP Header

### Team Members

Mohammed juzair  
Monisha Dhanraj  
Ashwin Kashyap

## WiseViz

An intelligent, automatic visualization platform that scrutinizes data and reasons out and presents many possible views. With almost no effort users can draw different kinds of

# List of All Hacks

insights from an assorted list of exhibits.

## Team Members

Sathish VJ

Deepak Mittal

## ISTA - I Select The Ad

Platform where users can suggest their ad preferences along with other attributed like demography, geography etc. App(Android) for user to select his preferences and web apis for ad networks to fetch information of that user, to select best Ad.

## Team Members

Jaydeep Vishwakarma

Malcolm Dheeraj D'Lima

## abs\_rand

An Augmented Reality based Social App

## Team Members

Ashish Agre

Kunal Kant Tiwary

Karan Kishore

## Prototype

Safety of people especially women and children is of prime concern. Our App will provide you same, following you like a shadow when you are alone or feel insecure, and in event of

something unexpected it will provide necessary assistance by notifying and guiding other people in your vicinity.

## Team Members

Jatinder Singh

Navneet Rastogi

Abhineet Kumar

Sumit Srivastava

## Lazy

Smart Email.Chitthi.in - Smart Email. The idea is to create an email platform for which third party developers can create apps. As part of the demo, we are also creating some apps for specific use cases.

## Team Members

Mahul Bhattacharya

Abhra Bagchi

Rohit Madan

Avisek Chakraborty

## Freeriders

Writing code/scripts to parsing electoral roll in pdf and converting them to structured data.

Then using that structured data to do analysis such as:

- 1) Finding people with multiple voter ID cards.
- 2) Illegal entries such as: people registered in electoral roll but not

# List of All Hacks

having voterID.

## Team Members

Anurag Sharma  
Tarun Kochhar

## Teotm

OpenCollabIDE - A Collaborative social IDE that will enable extreme programming for geographically separated developers working on Open source projects powered with git-Social.

## Team Members

Balchandra Shanabhag  
Harsha Muroor  
Thejas PM  
Abhijith Nayak

## AraseN

Easy school application form management.

## Team Members

Karthikeyan S  
Deepu Thomas Philip

## Alpha-Devs

Mobile App which helps in identifying the status of the other person who we want to call, by knowing the status we may drop the call that we are planning to.

## Team Members

Karthik Thirumalasetti  
Sravan Kumar Korumilli  
Sreehari G

## Targeting 3.0

Targeting has been synonymous with advertising since the advent of advertising. Today, with precise and trackable targeting used by mobile and digital advertising, targeting is the core of a successful advertising strategy. Most of the advertising strategies focus on finding the right audience through demographic, geo and other such targeting methods . However, as we develop deeper understanding of the mobile users, Ad targeting has gone beyond just demographics. Finding the right user at the right time – or at a point in the purchase-decision funnel – has always been an imperative of marketing. Within social communities like facebook, users provide demographic information, interests, friends and family connections. . This stored information allows advertisers to create specific target groups and individualize their advertisements. The advantage for users is that they can see ads that appeal to them.

# List of All Hacks

## Team Members

Deepak Barr

Sunil Kalva

Abhishek Jain

Balaji Sunku

## Blu

Bluetooth based mobile payment solution.

## Team Members

Karan Rajpal

Radhika Bhanu

## SlashChaos

Twitter stream analyzer - User can search for any keyword for which he can see the sentiment and some other visualizations. He can also retain any keyword data for future analytics. App will be highly scalable and can handle very fast streams.

## Team Members

Saumitra Srivastav

Harsh Gupta

Smita Sasindran

## DataHackerz

Analyzing trending movies using twitter feeds.

## Team Members

Akshat Verma

Sabyasachi Upadhyay

Nikhil Kandoi

## G@ngOf011

Finding and Optimizing Carbon Footprint during Travel.

## Team Members

Saurabh Sood

Karan Dwivedi

Harshit Shrivastava

## Explorers

We are making a web-App named :: snoopUp .

This App will take Social feeds from your friends posts and display relevant information.

## Team Members

Tarun Jain

Jignesh Rathi

Pushpendra Paliwal

## iStream

Simple tips sharing portal, which users can share the tips in markdown text, and syntax high-lights available for web, iOS and Android platforms.

User can copy the code blocks to clipboard. For example, mysql user creation shall be ready to be copied to clipboard.

# List of All Hacks

CREATE USER 'jeffrey'@'localhost'  
IDENTIFIED BY 'mypass';  
We do this tokenism in a way,  
CREATE USER  
'{{username}}'@'{{hostname}}' IDENTI-  
FIED BY '{{password}}';  
users shall be prompted to provide  
the values for this attributes, then the  
system will generate the command  
and copied to clipboard.

## Team Members

Maruti Hulikatti  
Gopalakrishnan Subramani  
Gayathri R  
Rakesh Yakkihallimath

## h@ck3d

Social network to find buddy.

## Team Members

Monish kumar Appusamy  
Gautam

## pi\_ninjas

An Interactive and automated Kiosk  
for localized information.

## Team Members

Shishir Chandra  
Rafi Md

## Heisenbug

Given the state of medical facilities in  
rural India and the poor patient is to

doctor ratio we need to look at alternative and optimized technologies that ensure emergency response and an optimal connection of doctors to patients. The product we aim to develop in this hackathon is an open source Interactive Voice Response (IVR) system, wherein the patients would pass through a brief dialogue system that supports natural language queries and requests. The input speech would be converted to text and analyzed, and depending on the contents would connect the patient to the most optimal doctor as well as medical supply like medicines, stretchers etc. via a user/maintainer curated database. The most optimal solution would consider metrics like emergency of the call, the doctor's schedule, the shortest distance within which medical help could be provided and similar factors. In case of major diseases and epidemics, emergency advice to be followed would be dispensed to the caller's number in the form of a text message. It would also serve as a medical assistant for doctors practicing medicine in villages across the globe. It would essentially attempt to automate the whole process of acquiring medical help,

# List of All Hacks

knowing nearby hospitals and alerting the doctors about the arrival of patient according to his/her schedule. The principal target audience of this product is the illiterate or semi-literate segment of the society as it would simplify and smoothen the whole procedure of getting medical help by just answering few simple questions.

## Team Members

Abhiroop Sarkar  
Athma Ram  
Manoj Kumar  
Ravi Garg

## Team akni

"Onesettings" is our hack which enables managing several online services simultaneously. There are so many online services like gmail, facebook, dropbox, tumblr and 1000 others. In some cases ,we wish to change the password of all the services or delete account from services which we don't use. It is a tedious task to do that. To serve that We are building "OneSettings" where a user can manage all the settings in one place. By using this platform, more time, human efforts are reduced.

## Team Members

Arun Kumar  
Nivetha Dass

## Pigeon

Cross social networks sharing from facebook.

## Team Members

Vamsi Krishna Srungarapu  
Pridhvi Kodamasimham

## Team codeforgood

WishBack is a web application which can be used to bulk reply birthday wishes on Facebook. A user will be able to log-in to wishback using his Facebook account. The user can define his custom message to post as reply to the wishes.

## Team Members

Shashi Kumar P  
Amit MS

## Jacks of all Trades

For an advertising company it is really important to send the right kind of Ads to its users. To know what is right kind we propose a learning mechanism to know the user better. The idea is extended as a mobiles application which takes into account all installed applications and their log

# List of All Hacks

data and separates them into various categories. This can solve the purpose of the user as to know himself by categorizing applications into games, food, shop, etc. There could be an extended layer of categorization. Frequency of visiting and application can determine which applications to keep and which to remove.

An external server can tap the above useful information (though it is practically static in nature for most of the users) and can post Ads based on analysis done on this data.

The application bring a dynamic feature which records user response of the whether the user appreciates the Ad posted and refine the Ad posting the next time. Example: One can guess if the user is a male or female based on the user appreciation for a motorcycle or handbags Ad.

## Team Members

Amar Mishra  
Asif Jamadar

## [liftoff\\_hack](#)

Email for all.

## Team Members

Shashank Shekhar  
Rajat Chowdhary

## [Minus-One-By-Twelve](#)

Printing text using thermal printer, using raspberry pi, accessed using android mobile device

This application has tin restaurants, toll machines and many more.

## Team Members

Sharath GM  
Karthik MU  
Yatish P  
Karthik CS

## [Dev\\_Null](#)

Our idea is called Bookswap. In colleges, when a new semester begins, we often find ourselves looking for textbooks or notes of that semester, or to sell our old books.

There's also a case when we wish to exchange our books, ie, in first year when we switch from Physics cycle to Chem cycle, or vice versa.

This is where Bookswap comes into play. It is a web app which connects these buyers and sellers on campus, thus making it easier for anyone to buy, sell or exchange their books. Our goal is to make an app with a simple interface, which does one thing and does it best.

# List of All Hacks

## Team Members

Amjad Ali  
Sharath N  
Tyson Monthu Patrick

## Xteenz Hack

A platform for the hackers of any Hackathons to upvote or downvote hack abstracts submitted by the other competitors based on the relevance of the same. This enables the judges to know the most popular hack.

## Team Members

Vivek Saxena  
Shreesha S

## Code\_hackers

Its a social app for mobile user, where a user can star mark a particular location and give a description about it. Then a friend in his contact list comes in that location and uses the same app and set the priority (for example food) then he will get all the star marked location created by his friend.

## Team Members

Anurag Sengupta  
Manjunaath MP  
Rohit ALVS  
Chirag R

## Binary Builders

A 3D drawing tool.

## Team Members

Pratheek MS  
Pramodh KP  
Ashray Bhat

## Fizno

fizno.com: the knowledge box A lot of valuable knowledge is available freely on the internet, in the form of both reference material (wikipedia, openstreetmap, stackoverflow, ...) and educational material (Khan Academy, Coursera, Open Yale Courses, British Council: learn English, ...).

The fizno Knowledge Box packs all this knowledge into a physical object, which emits a wifi signal, through which people can freely access the top 1000 Gb of human knowledge. It can be placed in a rural area, acts as a bittorrent seed, and can help overcome internet censorship by totalitarian governments.

Under the hood, FIZno relies on docker and bittorrent to make it easily clonable and reproducible."

## Team Members

Michiel De Jong  
Rahul Kondi

# List of All Hacks

## G.O.D (Gang Of Devices)

This hack idea was aimed at solving the problem of content sharing/ syncing between a group of devices owned by a user. Due to multiple devices being owned by a user, content is scattered across and hence its not easy to get a unified view of all the data.

Hence we created this hack where a user can create a private cloud of storage backed by its own devices

with the advantages of data residing on his own devices at all times along with seamless access of content from all the devices.

It was a type of p2p application designed to work on LAN as well on internet.

### Team Members

Siddharth Shankar Agarwal

Netra shetty

Kumar Ankit

Rohit kochhar

## Designs and Posters used during the Freedom Hack

- [Freedom Hack Banner Design](#)
- [T-shirt Design](#)
- [Posters and Flyers Design](#)

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