

# 5 Excellent Hackathon Ideas for Your Next Project

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**Meta Title:** 5 Excellent Hackathon Ideas for Your Project

**Meta Description:** Hackathon is a great opportunity to work on a brilliant idea that has been spinning in your head for a long time.

Hackathons: Surely you've heard a lot about this type of short-term competition and its benefits, but still don't know how to plan one? Recently, the hackathon has become an increasingly widespread format of events, including in China. In Hackathon, different teams work on a project where they can show an initial result after just 24 hours. And as with every competition, there was also a winner: after 24 hours, each team presented their creation and everyone voted on which innovation is the most promising. We have a list of the best [hackathon ideas](#).

## What is a Hackathon?



The word "hackathon" itself is a term derived from a combination of two words: hacker and marathon. Today hackathons no longer belong to hacking, they are just a "marathon of programmers" where small teams of specialists from different areas of software development (programmers, designers, managers) work together to solve a problem. Usually, hackathons last from one day to a week.

As a rule, the task of a hackathon is to create full-fledged software, but there are also hackathons that are designed for educational or social purposes. At such hackathons, web services are developed (mobile applications, sites, web applications, infographics) to solve socially significant problems. The result of the hackathon and the joint work of civic activists and IT specialists is not a prototype of a future application, but a minimum viable product ready to launch - the first version of the application on which an idea can be tested.

### **How hackathons are held?**

Usually, hackathons start with a presentation of the event as a whole and specific topics, if any. Participants then propose ideas and form teams based on interests and skills. After that, work directly begins on projects, which can take from several hours to several days. Also, participants can sleep during the hackathon, if they find where.

The hackathons end with project presentations, during which each team shares the results of their work. Sometimes hackathons are competitive. In such cases, the jury evaluates the participants and selects the winners who will be awarded prizes.

## **5 best Hackathon Ideas to Try in 2020**

### **1. Algorithm for automating sign language translation**

One of the brightest victories was the performance of the DeafKIT team, which developed an algorithm to automate sign language translation in real time. Now, in most cases, speech for the deaf and dumb is translated by a sign language interpreter. The guys proposed an automated solution, when sounds are recognized by a computer and translated into characters or text understandable for disabled people.

This automatic sign language translation solution is almost ready to market. The developers plan to implement it, for example, at ticket offices at train stations and airports, in MFCs, retail outlets and other public places where real-time sign language translation may be required.

### **2. Conduct voting using computer vision**



In the summer of 2017, in St. Petersburg, on the basis of ITMO University, a design school for programmers, entrepreneurs, and engineers - Girls4Tech was organized, which was only offered to girls to graduate.

After the end of the training course, ITMO held a hackathon, the program of which included solving several problems posed by Petrovich and Bayer. The university hackathon was supposed to help identify the best specialists in their field based on the results of their studies at the project school. However, it also resulted in an interesting project that has every chance of becoming a successful market product.

Thus, in ITMO's IT competition, the VoteVision team won, offering the best solution for the Bayer case. The company asked to create a voting system in classrooms where Internet use is prohibited, for example, during tests or exams. The voting technology offered by the girls is based on computer vision. She analyzes a photo of the audience, where they vote with cards for the proposed answers.

### **3. Solution for ordering a taxi**



Today EasyTaxi is one of the most popular taxi applications operating in 30 countries around the world. More than 17 million people installed it on their smartphones, more than 400 thousand taxi drivers have connected to the service. At the same time, few people know that EasyTaxi appeared as a result of the Startup Weekend hackathon, which was held in Rio de Janeiro in 2011.

The Brazilian developers Tallis Gomez and Daniel Coen made a splash when they presented a taxi ordering solution in the competition, which allows, in addition to the usual functions, to track the location of the ordered car.

#### **4. Online platform for the sale of used items**



Carousell, one of Asia 's largest online marketplaces for buying and selling used items, also emerged from an IT competition. In 2012, the co-founders of Carousell decided to take part in the Singapore's Startup Weekend.

They later recalled that they had gone to such an event for the first time and did not really expect that their work would be useful. They were just interested in developing a cool solution to an important problem - how to get rid of unnecessary things. oday the Carousell app is used by millions of people, and up to 60 million items are sold on the site at the same time .

## **5. Electronic Home Help Search Platform**

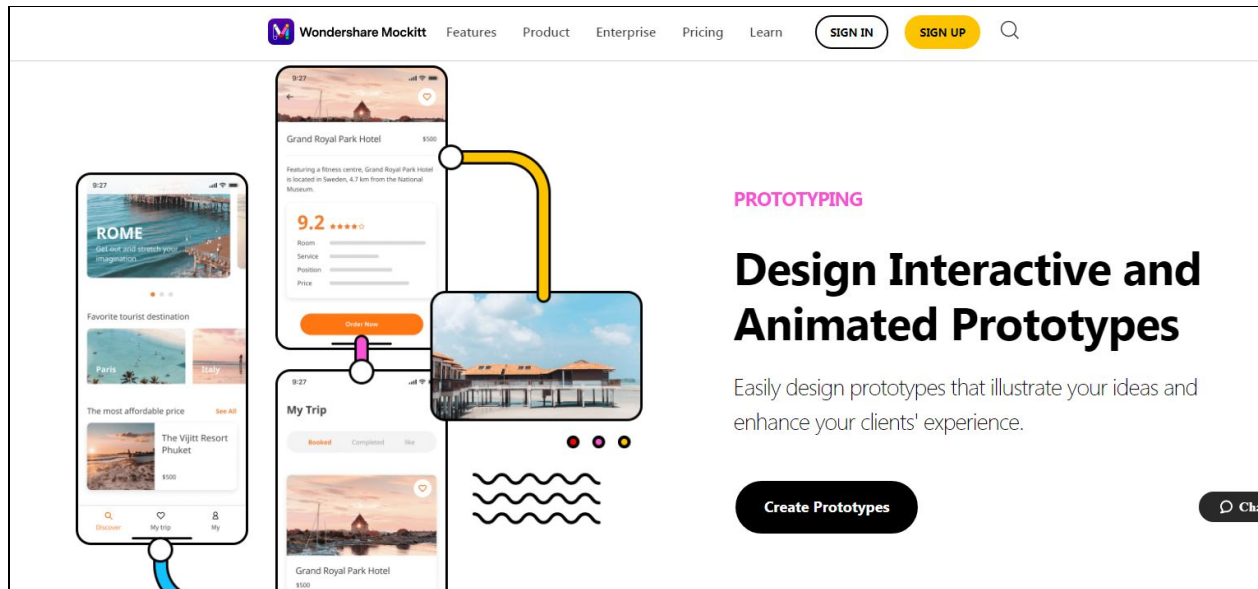
# Zaarly

It's unpleasant when a tap leaked in the house, and you don't know who you can call quickly to repair it. The young Americans Eric Koster and Ian Hunter, who took part in the Startup Weekend in 2011 in Los Angeles introduced the App called Zaarly.

The success of the app to find a qualified electrician, plumber or gardener in your neighborhood has been phenomenal. In just a few days, the project managed to receive investments in the amount of over 15 million dollars. Zaarly is now one of the most popular online household help resources in the United States as well as several other countries.

## **The best tool for UI/UX and prototype designing**

The Tech world continues to evolve, providing useful tools to solve problems in different areas. UX designers are often under deadline pressure to deliver high-quality results within tight deadlines. That's why it's important to have a set of effective tools to speed up your workflow.



Wondershare Mockitt is one of the most trending UI/UX design tools, bringing innovative solutions and capabilities for UI/UX designers. First of all, it is a professional tool that is web service-based, allowing project teams to collaborate in real-time, working on the same page. In addition, designers can even export CSS directly inside the program, which improves communication with the development team.

Mockitt lets you create wireframes, prototypes, and vector icons for free by simply signing up, but that only works for individuals, and teams have to pay. The big plus is that the service is available for various operating systems. This program is specially designed for UX designers creating wireframes, interactive prototypes, and vector designs.

The biggest advantage of Mockitt is its simple and straightforward functionality. It can be used as both a prototyping tool and software for creating icons and illustrations. The program is vector and allows you to work with layers and shapes that can be easily manipulated using the toolbar.