

# Hackathon Survival Guide

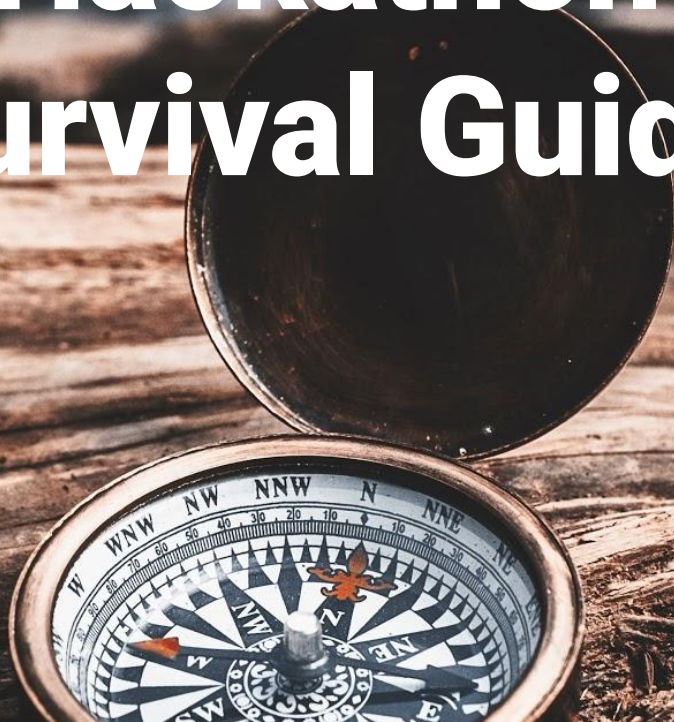


Photo by Bryan Minear on Unsplash

# What is a hackathon?

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Hackathon is a design **sprint-like event** in which computer programmers and others involved in software development, including graphic designers, interface designers, project managers, and others, often including domain experts, collaborate intensively on software projects.



# Hackathon is a team competition...

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## where a good team...

- has **defined a problem** they'll be solving during the hackathon
- has **2 to 5 people**
- is **balanced** and made of people **with various skill sets** who complement each other — a few coders, a designer, a project manager, etc.
- in a good team, everyone knows what is their role

## When search for team:

- talk about **your skill sets**
- present **some of your past projects**
- let people know what you could bring to the table.

# What to hack?



## Languages

How to solve the language barrier when travelling?

## Local organisations

How to make sure you're booking a trip with local organisation?

## Locals over tourists

How to make sure local are not moved away from the city centers in favour of tourists?

## CO2

How to decrease CO2 emissions?

## Volunteering

How to connect travelling and volunteering?

## Well-adapted places

How to find well-adapted hotel rooms or accessible restaurants?

## Music instruments

How to travel easier with musical instruments or bikes?

To ensure that we generate good ideas and tackle worthy challenges, we want to provide the following questions in a template format:

- [Problem Name: ...]
- [What problem do you want to solve?]
- [Why does it matter?]
- [Why is it challenging?]
- [Does it scale?]
- [Why are you excited about it?]
- [What do you need to make it happen? (who, skills, etc)]

The role that people in technical and non-technical roles could play – cross-team collaboration is the key.

# I have a team, what's next?

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- Brainstorm
- Think of what each of you can bring to the project
- Narrow down the scope of your problems, propose solutions and begin to create a prototype.
- Ask for help and feedback!
- Check out the project development rules and the project submission
- Have fun! :)

# What makes a good hack?

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## Good Hack

- Creative
- Easy to use
- Makes life simpler



## Bad Hack

- Not a long lasting solution
- Potentially dangerous
- May look like an good idea on paper, but in reality...



# 24 hours to go!

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```
In [1]: from datetime import datetime

beginning = datetime(2019, 9, 27, 18, 0)
ending = datetime(2019, 9, 28, 18, 0)

total_time = ending - beginning
print("You have ", total_time, " to make something happen!")

You have 1 day, 0:00:00 to make something happen!
```



eat();



sleep();



code();



repeat();



## 1<sup>st</sup> Stage: The Idea

Defining the problem.

The idea that is going to change the world of travels.

You want to use every accessible tool.

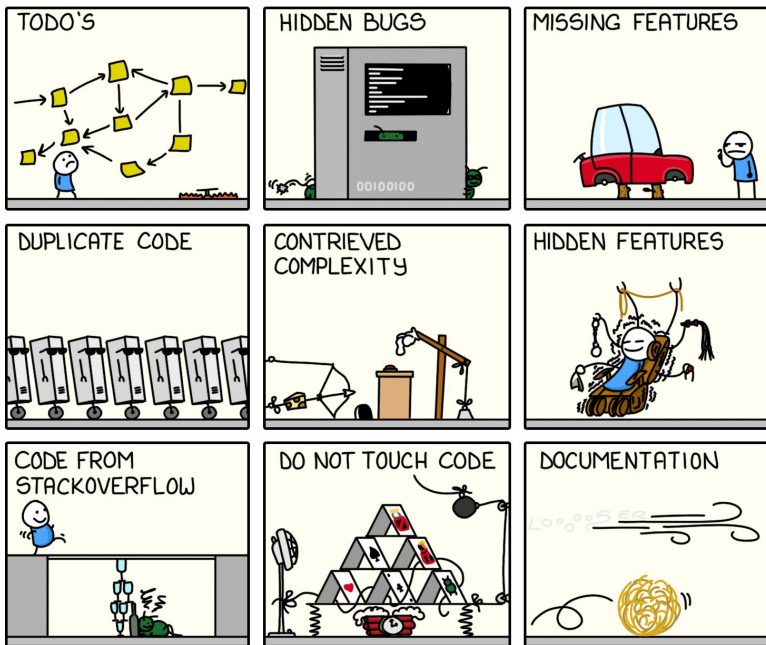
## 2<sup>nd</sup> Stage: The

### Master Plan

Designing the algorithm.

Dividing team roles

## POSSIBLE CODE CONTENTS



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## 3<sup>rd</sup> Stage: Serious Coding

Time to dive in and write some serious code!

Time to test for the first time.

## 4<sup>th</sup> Stage: The Bugs

So, some stuff aren't working right, huh?

Debugging – debugging – debugging

## 5<sup>th</sup> Stage: Countdown

The clock are ticking and you're panicking.

Revisit you original pitch.

Breath in - breath out.

**Travel Hackathon** is an event organized by **Kiwi.com**, intended to hack travel and make it smarter, sustainable and accessible for everyone.

We value the participation of each member and we want all attendees to have an enjoyable and fulfilling experience. Accordingly, all attendees are expected to show respect and courtesy to other attendees throughout the event.

[Full version here](#)

# Let's create a positive environment

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- Be kind to each other
- Behave professionally
- Use welcoming and inclusive language
- Be respectful of differing viewpoints and experiences
- Be open to constructive criticism
- Focus on what is best for the community
- Show empathy towards other community members