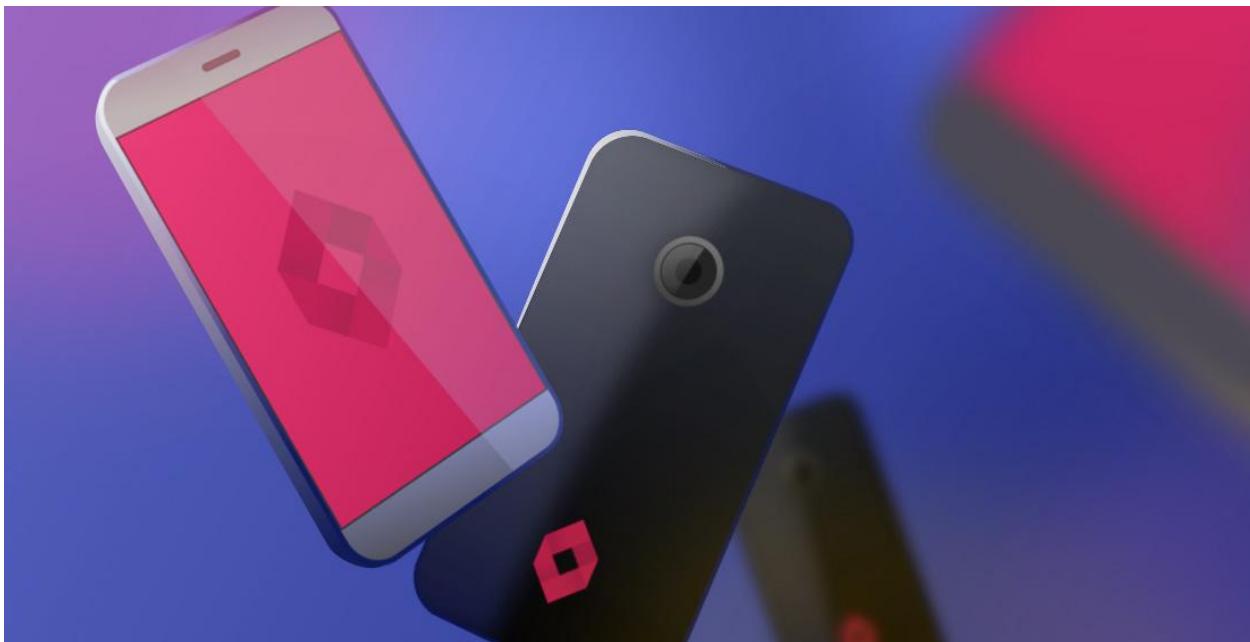


CODEX,ITER

Codex Newsletter

July 18, 2021



FEATURED PROJECTS :

Get Vaccinated

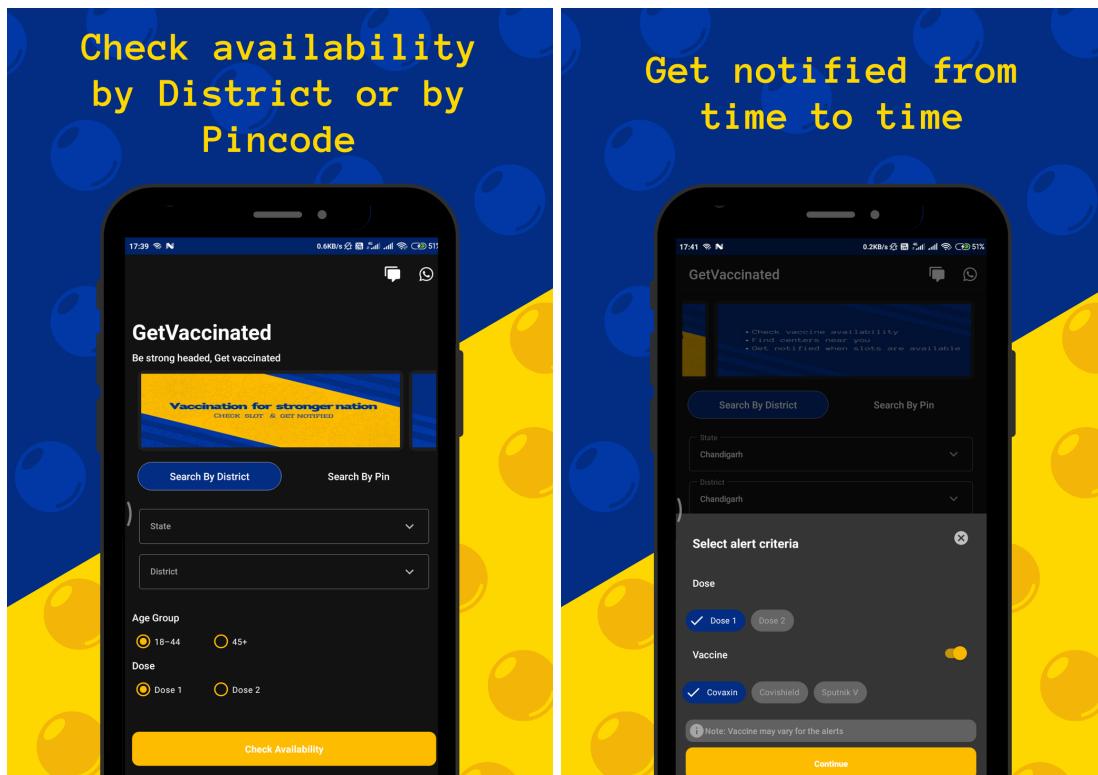
Pawan Kumar Gorai (Batch 2017-2021)

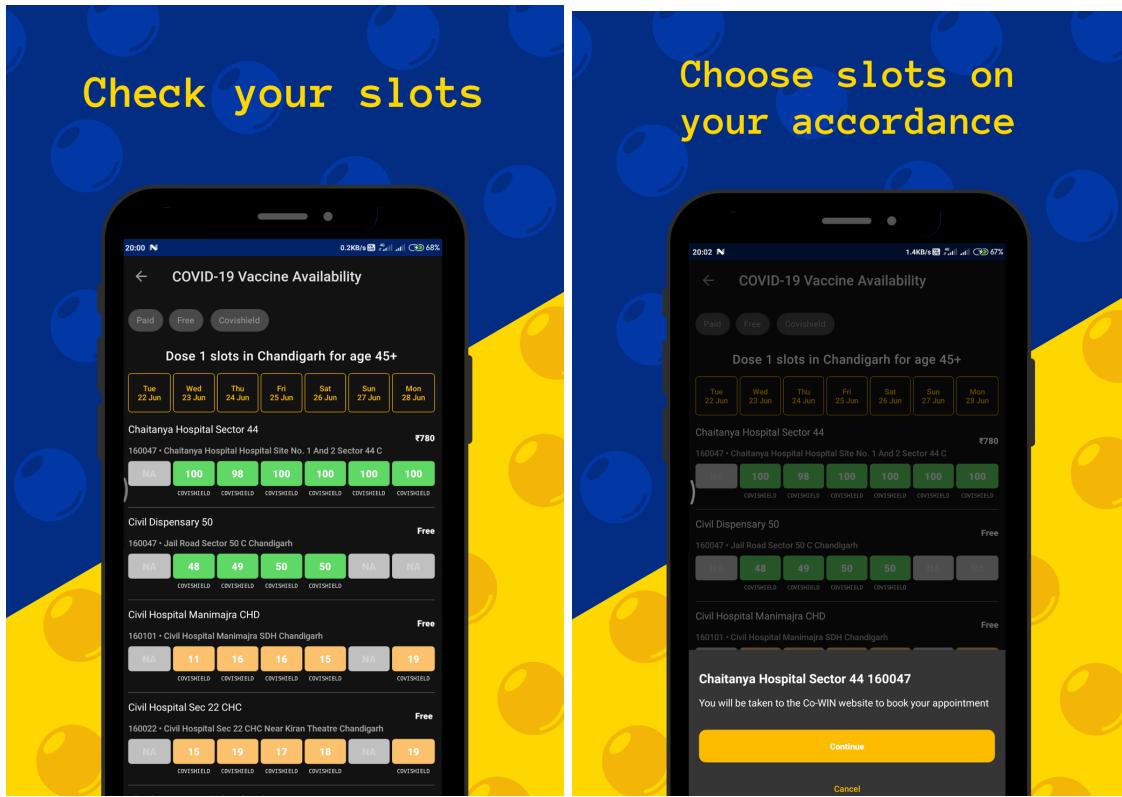
At this crucial time of pandemic when the vaccine is no less than elixir, a thoughtful member of our community has brainstormed this novel project. Get Vaccinated, an Android application to check slots availability and for getting real time slot alerts.

Features :

- Check availability with ease
- Subscribe for alerts to get real time notification.
- High quality design and user-friendly interface

[Github Link](#)





HealthUb

Sachin Pandey, Ayush Pattanaik, Abhijeet Anand (Batch 2020-2024)

HealthUb Is An Online HealthCare Website which helps users Know About Health Tips, Plans with Our Tools, Blogs And Stats.

Our Website Provides:

Timely and credible Health content.

Valuable tools for managing your health, and support to those who seek information.

World COVID-19 Stats.

Articles Related To Healthcare Issues.

Tools Like BMI Calculator Which Helps User To Find The Body Mass Index.

[Github Link](#)



HealthHub

- [HOME](#)
- [BMI](#)
- [TIPS](#)
- [COVID](#)
- [ABOUT US](#)
- [TEAM](#)

≡

Seek immediate medical attention if you have serious symptoms. Always call before visiting your doctor or health facility.

People with mild symptoms who are otherwise healthy should manage their symptoms at home.

On average it takes 5–6 days from when someone is infected with the virus for symptoms to show, however it can take up to 14 days.

Current Situation of Covid Cases!

S.No	Country	Total Cases	New Cases	Total Deaths	New Deaths	Total Active Cases
1	USA	34766404	0	623029	0	4869026
2	India	30904734	0	409338	0	439266
3	Brazil	19106971	0	534311	0	906006
4	France	5813899	0	111353	0	53897
5	Turkey	6486959	0	50278	0	81831

[Covid Blogs](#)

▲



HealthHub

- [HOME](#)
- [BMI](#)
- [TIPS](#)
- [COVID](#)
- [ABOUT US](#)
- [TEAM](#)

≡

Tips to Protect yourself!

Sanitize Your hands

1. Sanitizing hands is a good practise. It will kill coronavirus as well as other germs which can harm your immunity. It is also advised that with hands one should also sanitize the things which are frequently in use.

Wear mask

2. Wearing a mask is very essential for you and as well as people near you. It filters the coronavirus. But it is necessary to wear a mask which is advised by the doctors else it will be of no use against coronavirus.

Wash your hands

3. It is also advised that one should wash his hands in a particular interval of time. Always try to not apply-touch-icon your face as there is a high risk of coronavirus to infect the body.

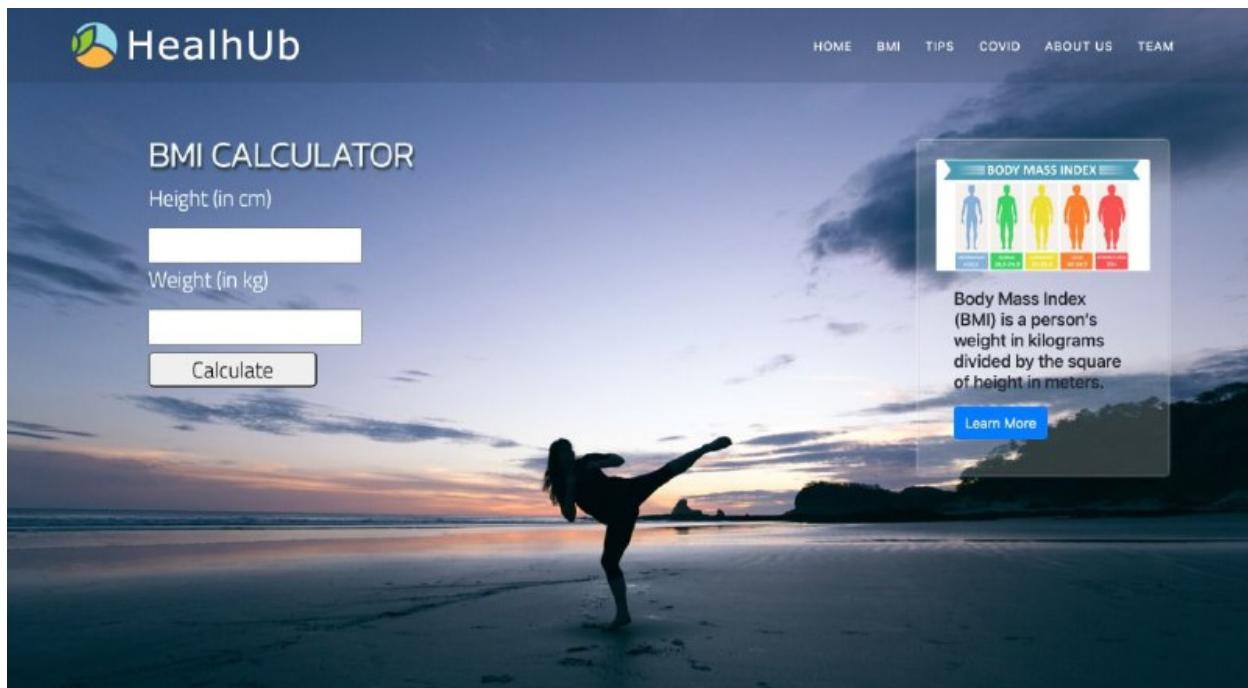
Keep social distance

4. When you go out, It is suggested that everyone should maintain social distance of at least 2 yards. This practise is very efficient to protect yourself from being infected.






▲



HealthUp

HOME BMI TIPS COVID ABOUT US TEAM

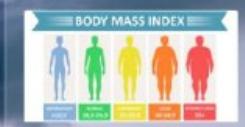
BMI CALCULATOR

Height (in cm)

Weight (in kg)

Calculate

BODY MASS INDEX



Body Mass Index (BMI) is a person's weight in kilograms divided by the square of height in meters.

Learn More



HealthUp

HOME BMI TIPS COVID ABOUT US TEAM

Blogs & Articles



18 Uncommon Health tips and Insights: What is most poignant about our pandemic is the way people have demonstrated how dearly they wish to live. You would never guess this from the way they eat.



Eating home-cooked balanced thali will not only keep you and your baby healthy, but it will also keep you away from other chronic diseases, said Dr Meghana Pasi



Zinc For Immunity: How Zinc Helps Boost Immune Health-Expert Reveals: Eating balanced diet with sufficient minerals including zinc is one of the best ways to boost our immune system.



[https://www.livemint.com/opinion/columnists/list-of-health-insights-and-tips-that-were-easy-to-find-11621784206630.html](https://www.livemint.com/opinion/columnists-list-of-health-insights-and-tips-that-were-easy-to-find-11621784206630.html)



The Mood Match- Finding Peace

Abhinandan Roul (Batch 2019 -2023)

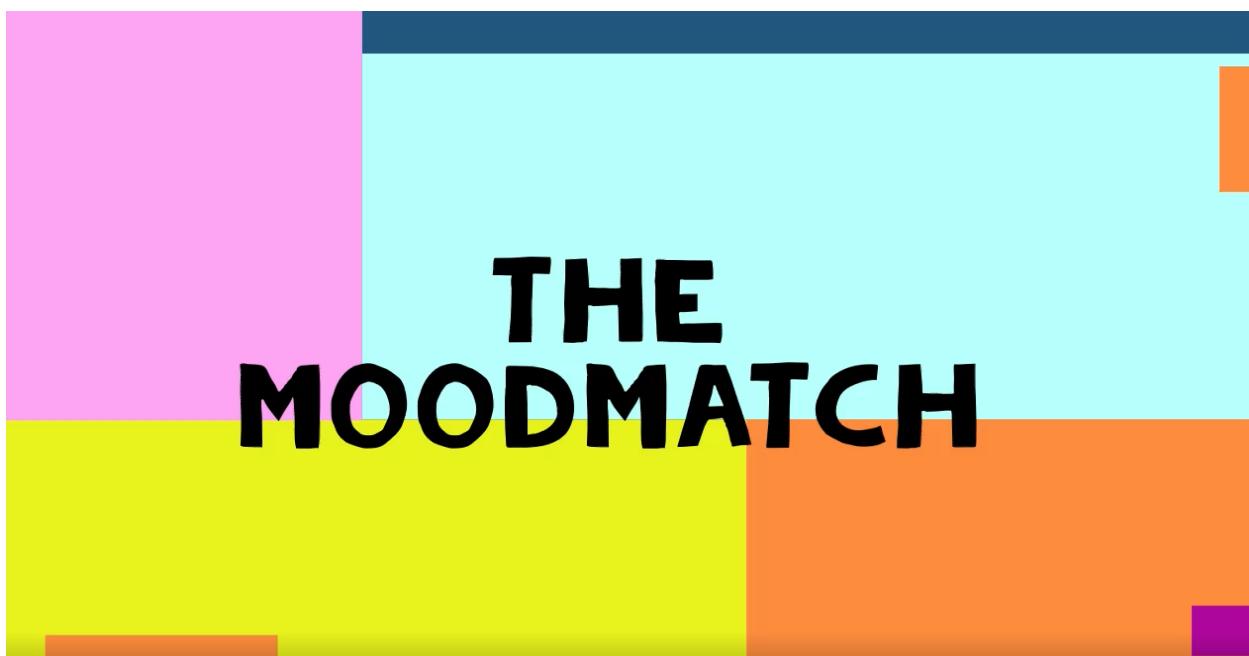
The project is in public showcase by Stanford CodeInPlace 2021.

This idea occurred to me keeping in mind the worsening mental health conditions of people amidst the pandemic and social isolation we all are facing right now.

It's a platform to match people having similar emotions. Each person is required to evaluate themselves on the six basic emotions like Happiness, Sadness, Fear, Disgust, Anger, and Surprise on a scale of 1 to 10. These are the basic emotions identified by psychologist Paul Eckman which were generalized across all human cultures.

Then, a mood index is created for each person based on the intensity of each emotion for a person. Finally, the platform matches people having similar mood indexes.

[Github Link](#)



Mood Match

Need someone to talk to! MoodMatch finds a person with a similar mood to you.

Create an account

Enter your name

Enter your email

Enter your password

 •

Enter password again

 •

[Register](#)

Select your emotional levels

Use the slider to increase and decrease levels for Happiness, Sadness, Fear, Disgust, Anger, Surprise

Happiness

3.00



A horizontal slider for the emotion 'Happiness'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 3.00.

Sadness

0.50



A horizontal slider for the emotion 'Sadness'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 0.50.

Fear

2.00



A horizontal slider for the emotion 'Fear'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 2.00.

Disgust

0.00



A horizontal slider for the emotion 'Disgust'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 0.00.

Anger

1.00



A horizontal slider for the emotion 'Anger'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 1.00.

Surprise

5.50



A horizontal slider for the emotion 'Surprise'. The scale ranges from 0.00 on the left to 10.00 on the right. A red dot marks the current value at 5.50.

Your Mood Index: 8.67

Submit

Add Readme

Saheb Giri (Batch 2020-2024)

CLI that generates beautifully designed README.md file with ease. Build to be fast and ease of use with very little keystrokes.

Features :

- Generate readme fast
- One command and done
- Emoji as icons
- Very few dependency

[Github Link](#)

The screenshot displays two side-by-side views of the Add Readme CLI application. On the left, a terminal window shows the command `npx add-readme`. On the right, a GitHub repository page for "Add Readme" is shown. The GitHub page includes a brief description, a star icon, and sections for "Introduction", "Features", and "Usage".

Add Readme

Create beautiful readme with just one CLI command!

`npx add-readme`

 @iamsahebgiri

Add Readme

Create beautiful readme with just one CLI command!

code style standard | code size 5.04 kB | license MIT | contributors 1 | 0 Stars | 2

Introduction

CLI that generates beautiful designed README.md file with ease. Build to be fast and ease of use with very little keystrokes.

Note: Having a remote git URL in your project makes it even faster and less tedious.

Features

- Generate readme fast
- One command and done
- Emoji as icons
- Very few dependency

Usage

Download [Node.js](#). Run this followed commands:

```
npx add-readme
```

ANDROID DEVELOPMENT ROADMAP :

By ASVK Vinayak (Batch 2019-2023)

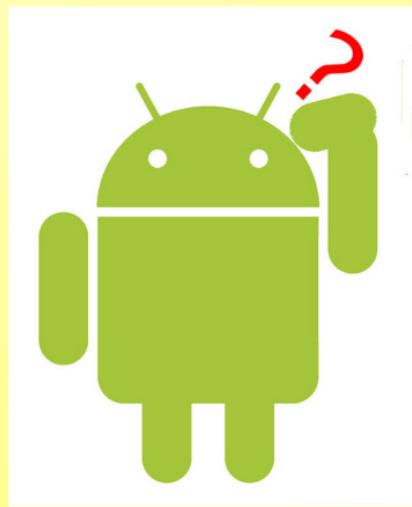
Roadmap For App Development

Flutter is
Cross-Platform
app
development.



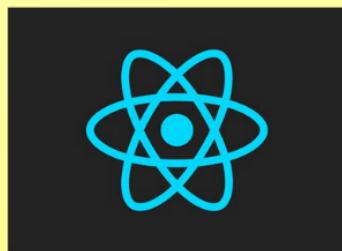
Java is
Native app
development.

Are you confused
about which
language to
choose ?



Then follow
the
roadmap

REACT NATIVE IS
CROSS-PLATFORM
APP
DEVELOPMENT.



KOTLIN IS
HYBRID PLATFORM
DEVELOPMENT.



Let's Explore

Java

From Java, we can make apps that run only on Android devices that is a native app development

In Native App Development, we use XML for making UI of our apps.

You should be aware of Activity life cycles, Android Jetpack, Model-View-Controller(MVC) Model-View-Presenter (MVP) Model-View-ViewModel (MVVM) architecture, android dependencies etc

Beginner Project Ideas are:
Calculator app
Alarm manager
Document Scanning app

Kotlin

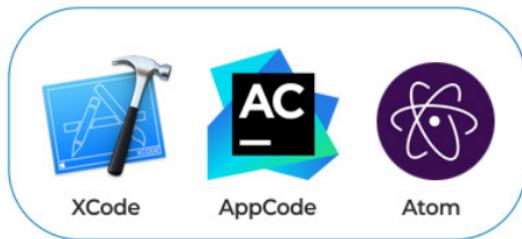
From Kotlin, we can make apps that run on Android and IOS devices that is a hybrid app development

In Hybrid App Development, we use XML for making UI of our apps.

You should be aware of View: Android and IOS shared code using Kotlin Native Common module MVP: platform-specific View implementation, kotlin dependencies, etc

Beginner Project Ideas are:
Meme Sharing app
Sticky Notes app

iOS:



Android:



Flutter

From Flutter, we can make apps that run on multiple platforms like Android, iOS devices, websites, Windows, Linux apps with the same single dart code. That is Flutter is cross-platform development. Flutter runs on Dart language.

You should be aware of Dart basics: expressions, data types, identifiers and assignment, conditionals, basic looping.

Null safety

Essential Dart Libraries and Dart Packages

Flutter provides an Adaptive UI that enhances a better user experience.

Flutter's widgets incorporate all critical platform differences such as scrolling, navigation, icons, and fonts size.

Google Pay is made from Flutter

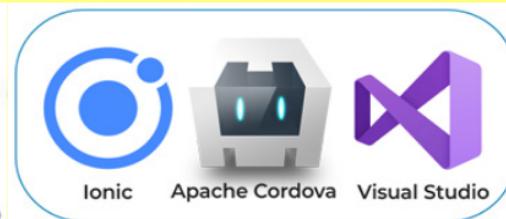
React Native

From React Native, we can make apps that run on multiple platforms like Android, iOS devices, websites. For Windows, Linux apps we use Proton Native. That is React Native is cross-platform development.

For React Native we should know Javascript, NodeJS, React, Redux

You should be aware of Expo CLI Life cycle methods simple components like Image, Text, TouchableOpacity (Button), Alert, Toast, Redux persist with storage

Beginner Project Ideas are:
Splitwise manager
News APP



Firebase

Let Look at Resources



*All Resource links are here please check
Also, give feedback regarding this roadmap.*



http://tiny.cc/roadmap_details

Or Scan the QR Code For Resources Link



[Resources Link](#)

LATEST TECH NEWS :

1.WhatsApp is offering multi-device features for web users .

WhatsApp Web offers multi-device support to the users, offering various form factors on the beta versions. The multi-device support will be out soon as it is not functional for the beta testers yet.The news came out with the screenshot of the feature stating, "Make calls and send messages without connecting your phone. Use WhatsApp on up to 4 devices at the same time."

[Read More](#)

2.Climate change: Technology boosts efforts to curb tree loss in Amazon.

Over one-third of the Amazon rainforest lies within the territory of approximately 3,344 acknowledged indigenous communities.Indigenous people living in the Peruvian Amazon were equipped by conservation groups with satellite data and smartphones.

They were able to reduce tree losses by half in the first year of the project. Reductions were greater in communities facing threats from illegal gold mining, logging and drugs.

[Read More](#)

3.Google boss Sundar Pichai warns of threats to internet freedom.

The free and open internet is under attack in countries around the world, Google boss Sundar Pichai has warned.He says many countries are restricting the flow of information, and the model is often taken for granted.In an in-depth interview with the BBC, Pichai also addresses controversies around tax, privacy and data.And he argues artificial intelligence is more profound than fire, electricity or the internet.Pichai is chief executive of one of the most complex, consequential and rich institutions in history.

[Read More](#)

4. Team find brain mechanism that automatically links objects in our minds.

When people see a toothbrush, a car, a tree -- any individual object -- their brain automatically associates it with other things it naturally occurs with, allowing humans to build context for their surroundings and set expectations for the world. By using machine-learning and brain imaging, researchers measured the extent of the "co-occurrence" phenomenon and identified the brain region involved. The findings appear in *Nature Communications*.

[Read More](#)

5. Richard Branson reaches the edge of space on Virgin Galactic flight.

Richard Branson has finally launched to the edge of space aboard his Virgin Galactic space plane, a flight more than 15 years in the making. The billionaire has narrowly become the first person to fly on a spacecraft of their own making, beating Blue Origin founder Jeff Bezos by a matter of days. On 11 July, the VSS Unity launched from New Mexico, taking Branson, two pilots and three other passengers on a 90-minute suborbital flight to an altitude of 85 kilometres.

[Read More](#)