

Welcome to SET.Hacks() 2020, a hackathon platform organized and hosted by the SET Foundation. Over the next two days, not only will you work in a team of up to 4 to complete a design challenge, you will also have multiple opportunities to network, attend workshops, and have fun!

This package gives a rundown of the design challenge, including the challenge statement, submission, judging criteria, and available prizes.

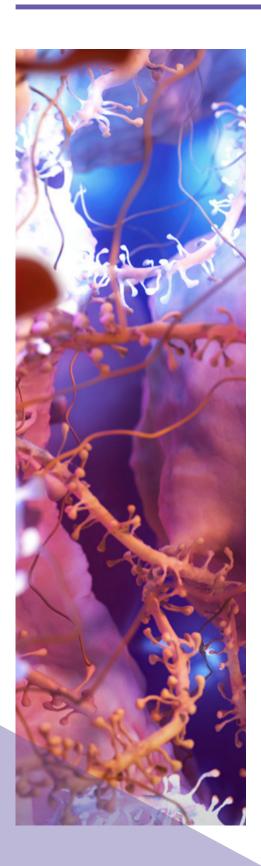
CHALLENGE STATEMENT

In 2016, the United Nations created the Sustainable Development Goals (SDGs) as a blueprint to create a sustainable future by 2030. The SDGs comprise 17 different goals that relate to the areas of basic human needs, industry, community, and the environment. More information on the goals can be found here: https://bit.ly/2M0oszP.



Accomplishing the goals within the scope of a decade requires various political, economic, and social will. In addition, it also requires the insights and contributions of multiple individuals and companies in STEM.

During the hackathon, we challenge you – as intelligent innovators and future leaders in STEM – to create a product that will help nations accomplish one or more of the SDGs (note that the quantity of goals that you address will not impact your overall score).



SUBMISSIONS

At the end of the challenge, submit your project on:

- Sunday, July 19th at 10:00 EDT (on the SET.Hacks() Devpost page)
 - Submit all applicable material (website, GitHub repository, etc.).
 - Submit a max 2 minute video to demonstrate and pitch your project.

JUDGING CRITERIA

The product you submit will be judged based on the following categories:

- Was the solution effective in its' nature to what extent will it help nations accomplish the product's targeted SDG(s)?
- What level of originality does the solution posses?
- Was the solution's design feasible to what extent can nations properly implement the product?
- What was the technical complexity of solution?
- How effectively were design thinking and creative processes implemented? Did the group members present their project with clarity and confidence?

PRIZES

In addition to an overall first, second, and third place prize, we have prizes for the best product that addresses each of the following categories: basic human needs, industry, community, and the environment. The categories and the SDGs that comprise them are displayed below.

BASIC HUMAN NEEDS

Goal 1: No Poverty
Goal 2: Zero Hunger

Goal 3: Good Health and Well-Being

Goal 4: Quality Education

Goal 6: Clean Water and Sanitation

Goal 7: Affordable and Clean Energy

INDUSTRY

Goal 8: Decent Work and Economic

Growth

Goal 9: Industry, Innovation, and

Infrastructure

Goal 11: Sustainable Cities and

Communities

Goal 12: Responsible Consumption and

Production

COMMUNITY

Goal 5: Gender Equality

Goal 10: Reduced Inequalities

Goal 16: Peace, Justice, and Strong

Institutions

Goal 17: Partnerships for the Goals

THE ENVIRONMENT

Goal 13: Climate Action
Goal 14: Life Below Water

Goal 15: Life on Land

All prices and their associated monetary value are displayed on the SET Hacks Devpost page

SCHEDULE

SATURDAY, JULY 18TH

9:30 Sign-in begins

10:00 Opening ceremony

10:30 Design challenge begins

11:00 to 17:00 Virtual workshops

SUNDAY, JULY 19TH

10:00 Project submission

14:00 Closing ceremony

WORKSHOP SCHEDULE

Workshop	Time
Introduction to Firebase by Google	Video available on July 17th at 18:00
Google Cloud Tools by Google	Video available on July 17th at 18:00
Introduction to Programming	July 18th at 11:00 to 12:00
Introduction to Git	July 18th at 12:00 to 13:00
Build your own Discord Bot	July 18th at 13:00 to 14:00
Deploy your First Website by Edgeprim	July 18th at 14:00 to 15:00
EchoAR by EchoAR	July 18th at 15:00 to 16:00
Data Science	July 18th at 16:00 to 17:00

^{*}All times are in Eastern Time (UTC-4:00)

OUR SPONSORS







balsamiq[®]





