

TECHFEST 2022-23

GAME OF CODES

BACKGROUND

[Replit](#) is the best platform for quickly starting, sharing, hosting and developing coding projects in any programming language right from your browser.

Features you can make the most out of:

- Enjoy a Google Docs-like coding & editing experience supporting all languages across both mobile and desktop.
- Instantly get help from a community of millions of other programmers and learners.
- Make your team more productive with interactive docs, seamless git integration, and 0-hassle remote interviewing.
- On Replit, there is no "deployment" stage of your projects-- Replit instantly hosts all of your repls. Custom domains are always welcome!

PROBLEM STATEMENT

Any one of the following projects can be undertaken. The projects are super open-ended to foster user creativity; use your imagination as much as possible as creativity is one of the judging criteria! This year's Techfest theme is "A Submerged Sojourn" which is an underwater world; try to make your bot or game related to that in some way.

1. Project 1: Build a Discord bot on Replit.
2. Project 2: Build & post a Replit game. You can use [Kaboom.js](#) or any other game framework, including a text-based game. Feel free to take some inspiration from our KaJAM 2022 festival winners [here!](#)

ELIGIBILITY & TEAM SPECIFICATION

Anyone can register either as a team or as an individual. If you are participating as a team, then you are allowed a maximum of 4 team members.

STRUCTURE

ROUND 1: ABSTRACT SUBMISSION

In this round, teams will have to submit a brief Abstract about their bot or game. It must contain the following:

- **Statement of Problem-** Succinct definition of the problem addressed.
- **Objectives-** What is your motivation? What are the objectives the prototype is developed for?
- **Introduction to Proposed Solution-** A basic idea of the solution to the proposal. Also, please explain the thinking behind the proposed solution.

You must be very concise and to the point in the Abstract. It must not exceed two pages (double spaced). The Abstract (as a pdf) must be sent by email to gameofcodes@techfest.org and anshul@replit.com with the team details clearly mentioned in the email. The Team ID should be explicitly mentioned in the email subject and the abstract file must be in the form of 'TeamID_TeamLeaderName.' Any other name for the abstract file will not be accepted.

The last date for Abstract Submission is 5th November.

ROUND 2: FINAL SUBMISSION

1. A Submission with a functioning Replit link can be defined as valid (supports web player, terminal output, and Linux application through VNC + PulseAudio). Sign up for Replit using the special link - join.replit.com/Techfest
2. Submit the Replit link of your publicly visible source code of the hack. Broken links will disqualify the project from the judging process. Please use the hashtag **#ReplTechfest2022** in your Replit submission!
3. There must be a clear description of the working of the submission in the README file.
4. Create a short video demo (~1-2 mins) on Youtube while making the submission and submit the link. Make sure that the person watching the video is fully able to understand what the hack is and what the functionalities are.

TIMELINE

Last date of registration	5 November
Abstract submission deadline	5 November
Final Submission deadline	10 December

JUDGING CRITERIA

The judging will be done by the Replit and IIT Bombay team after the hackathon. Awarding the prize will be at the Replit team's discretion and subject to the hacks meeting a minimum bar of quality. Prizes will be announced and disbursed within a couple of days after the hackathon.

The judges grade submissions across five equally-weighted categories:

- **Design:** Is it easy to use? Does the visual design delight you? If targeting developers, is the experience smooth and intuitive?
- **Novelty/Originality:** Does it have unique and novel features or combine features of other products or services in a unique and novel way?
- **Technical Accomplishment:** Is the code elegant, clean, and technically interesting? Is the project complete?
- **Potential Impact:** Does it fill a gap in the universe and have the potential to be used frequently by a large, growing and diverse audience or market?
- **Creativity/Fun:** Is it creative and does it put a smile on people's faces?

GENERAL RULES

1. Every team has to register online on the Techfest website for the competition. A Team ID will be allocated to the team on registration which shall be used for future references.
2. A team can register at any point of time before 5th November October 2022 and submit the abstract (as mentioned in the structure).
3. The decision of the organizers and/or judges shall be treated as final and binding on all. Techfest has all the rights to verify the identity and accuracy of the details provided by the participants.
4. Techfest, IIT Bombay will hold no responsibility for any late, lost, or misdirected entries.

5. The idea presented by the teams should be original (not protected by patent/copyright/technical publication by anyone else).
6. Note that at any point in time the latest information will be that which is on the website.
7. All modes of official communication will be through the Techfest e-mail.

CERTIFICATE POLICY

- Certificate of Excellence will be awarded to the top 3 teams.
- Certificates of Participation will be given to all the teams who qualify first round of the competition.

PRIZE

The prize money will be awarded to the winners via NEFT and will be processed within 30 working days after receiving the prize money from sponsors.

The Winner have to mail the following information (immediately after the announcement of the results) to abhishek@techfest.org in the format mentioned below.

FORMAT OF THE MAIL

Subject: Competitions Name, team id- your position (example- Game of Codes, GC1003- 3 rd Position)

Body of mail

1. Account Holder's Name
2. Account Number
3. Bank name and Branch name
4. IFSC Code