



Bit N Build International Hackathon

Welcome to the **Bit N Build International Hackathon**! Below are the rules and regulations you'll need to navigate this exciting journey.

1. Project Development

- **Original Work:**
 - Bring your ideas to life! All projects must be developed during the hackathon.
 - Pre-existing projects or significant pre-written code?  Not allowed!
- **AI Tools:**
 - Utilize AI tools to assist in your project, but fully pre-built solutions or ready-made projects are off-limits.
- **Development:**
 - Get coding during the hackathon! You can build on past ideas but **no old code** allowed!
- **Code Submission:**
 - All the code must be pushed to the repository provided by the organizers only. This is crucial for tracking your progress and ensuring a fair competition.

2. Commitment to Open Source and Licensing

- **Code Creation:**
 - All coding must happen during the hackathon.
 - Use only publicly available APIs, SDKs, and lightweight tools (like Google Maps API).
 - Heavy APIs? Only with the judges' approval! 
- **Assets:**
 - Any assets used should adhere to the Creative Commons License or similar licenses. Make sure you have the proper permissions!
- **Repository Usage:**
 - Remember, all your project code should be stored in the designated repository provided by the organizers. This ensures all teams have an equal platform for showcasing their work!



3. GitHub and Code Submission

- **Commitment to GitHub:**
 - Push your code regularly (every **4 hours**). Missing commits? 🤖 You could face disqualification!
- **README:**
 - Your GitHub repository must include a README that covers:
 - Team details
 - Project abstract
 - Domain and tools used
- **Final Submission:**
 - Ensure your projects are deployed and ready for demo presentations!



4. Technical Do's and Don'ts for Uploading Code (Git & Hackathon)



Do's:

Git:

- Use **descriptive commit messages** to explain your changes.
- Regularly pull updates from the remote repository to stay synced with your teammates.
- Set up a **.gitignore** file to exclude unnecessary files.
- Utilize commands like `git status` and `git log` to keep track of changes.

Team Collaboration:

- Communicate effectively about code changes and strategies.
- Use **pull requests** for code review before merging.
- Resolve merge conflicts **promptly**.

Hackathon Efficiency:

- Set up your development environment **beforehand** to maximize coding time.
- Test your code **frequently** to catch bugs early.
- Use online resources and tutorials if you hit a snag.

Don'ts:

Git:

- Don't commit large binary files directly—use Git Large File Storage (LFS) instead.
- Don't commit sensitive info (like API keys) to the repository.
- Avoid force-pushing changes; always communicate with your team first.
- Don't wait until the last minute to push your code—stay proactive!

Team Collaboration:

- Don't isolate yourself—share changes and collaborate!
- Avoid direct commits to the main branch without proper reviews.
- Don't leave merge conflicts unresolved.

Hackathon Efficiency:

- Don't spend too long learning a new technology—stick to what you know.
- Avoid neglecting comments and documentation in your code.



5. Judging Criteria

Your projects will be evaluated on:

- **Creativity**
- **Technical Complexity**
- **Practicality**
- **Overall Presentation**

Remember, the judges' decisions are final!



6. Disqualification and Prizes

- **Disqualification:** Teams can be disqualified for rule violations, unsportsmanlike behavior, or failure to follow the Code of Conduct.
- **Prizes:** Bit N Build reserves the right to modify prize categories or distribution if needed, without prior notice.



Code of Conduct

Let's keep it fun and friendly! All participants must maintain a **respectful environment**.

By participating in the **Bit N Build International Hackathon**, you agree to embrace all these rules and guidelines. Now, go ahead and code your dreams into reality! 🎨💻