


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. Team Participation

- **Eligibility:** Open to all students pursuing a bachelor's degree. Let the coding begin!
- **Team Formation:**
 - Assemble your squad of **2 to 4 members**.
 - No lone wolves allowed!
 - Feel free to mix colleges, but all members must hail from the same state.

2. 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!

3. 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!



4. 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:**
 - The final commit must be in by **9:00 PM** on the 12th. Ensure your projects are deployed and ready for demo presentations!



5. 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.



6. Judging Criteria

Your projects will be evaluated on:

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

Remember, the judges' decisions are final!



7. 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.



8. 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! 🎨💻