

Marathwada Mitra Mandal's
College of Engineering, Pune

Accredited with 'A' Grade by NAAC, Recipient of "Best College Award 2019" by SPPU

Table Of Contents

- Basic Requirements

- Git And Github:
 1. Step-by-step Guide
 2. Rules
 3. DOs and DON'Ts

- Discord
 1. Step-by-Step Guide
 2. Nomenclature Guidelines
 3. DO's and DON'Ts

- Presentation

Basic Requirements:

1. An **active internet connection** throughout the day.
2. Laptop/Desktop with a working **mic and camera/webcam**.
3. **Git and GitHub Desktop** installed on the device.
4. **Discord** installed on Laptop and join the server (link will be shared).
5. **All participants** account on Discord and GitHub.

Git and Github:

1. Step-by-Step Guide -

- Download the latest version of Git and install it.
- Open command prompt and type the following commands:

```
git config --global user.name "your_username"  
git config --global user.email "your_email_address@example.com"
```
- Now download the latest version of GitHub Desktop and sign in with the same email.
- Create a private repository on www.github.com and add all your team members as collaborators.
- Add (names to be added) as collaborators in your repository.
- Open GitHub Desktop and clone the repository locally.
- Locate the repository and keep your project files in it.
- Push after any significant changes are made in the project.
- Pull to be updated with all your team members recent changes.
- Make sure you pull and push to the origin.
- Commit to master should be significant and should have a summary/description to it.

2. Rules -

- All Hackathon participants have to register on GitHub.
- Only the **team leader** will create **one repository** on GitHub. This will be a **private** repository.
- Multiple repositories per team are NOT allowed i.e. **your team should have only one repository**.
- Repository name should be in the format:
'Hacksprint_<problem statement number>_<team name>'
- Team leader has to add **all his/her team members** to this repository as **'collaborators'**.
- Team leader has to add three GitHub users named:
 1. **'Admin_Hacksprint'**
 2. **'RitikKesharwani'**

3. 'NiranjanDubule'

in their repository as 'collaborator'.

- To add collaborators go to 'Settings/manage access'. Use the "invite collaborator" button to add the collaborator.
- **Final presentations** used for evaluation on the last day must be uploaded to GitHub repository along with the codes.
- If **videos are showcases**, teams have to add those to GitHub too.
- If any of the files(ppt,videos,etc.) are **exceeding 100 MB in size**, upload them to Google drive and **share their link in the GitHub repository**.

3. DOs and DON'Ts -

- Avoid Committing Zip File to repository.
- Avoid Committing compilation output files (eg .exe, .jar,.dll etc).
- Avoid Committing without log messages (it answers "Why?" part of commit).
- Avoid Creating version control inside version control (e.g. File1.docx, file_final.docx, file_really_final.docx).
- DO NOT Use File system copy, move, delete, rename. Always use 'Git move' to rename/move files.
- Avoid committing 'videos' and other large sized test data used in AI/ML in your gGit repository. To share the videos and test data amongst the team members use services like Google drive, Dropbox or OneDrive.
- DO NOT do small commits. Commit any logical or major changes only.
- Frequent 'push'. During hackathon 'commit/push' at least once every 2/3 hours.
- Frequent 'pull'. Pull every 2/3 hours. Pull before every push.
- No one will Push/Pull after the coding has been stopped for the day.
- Make sure everything works on everyone's machine. Test everything on every machine.
- Commit configuration and test data (small size) in the repository.
- Everyone should commit to the same repository.
- Only team leader (or just one person) committing to this repository is NOT RECOMMENDED.

Discord:

The hackathon will be conducted on discord, every participant is expected to join the HackSprint v2.0 server on discord. All the updates timelines and details will be shared there itself. Thereby every participant is requested to keep track of the said channel and read the instructions carefully.

1. Step-by-Step Guide -

- Go to www.discord.com/download and download the app for your Laptop.
- After installing, create an account on discord or sign in with your existing account.
- Click on “Add a server” and “Join a server” after that. Paste the invite link that would have been sent to you.

2. Nomenclature Guidelines -

- For admin(technical team): admin_personfirstname
- For teams: ProblemStatementNumber_teamname_personfirstname
- For problem statement owners/companies:
ProblemStatementNumber_personfirstname_companyname
- For mentors/evaluators:
ProblemStatementNumber_personfirstname_evaluator

After joining the server with the correct nomenclature, the participant will see a few channels in which the participant may or may not be able to send messages.

The channels will be:

- **Welcome:** here everyone will be able to see who all joined the server but no other messages will be sent here.
- **Rules:** in this channel all the rules regarding the hackathon will be published for the participants.
- **Announcements:** this is the channel where all the updates regarding the hackathon will be sent to the participants.
- **Problem Statement Specific Channel:** in this channel participants can ask anything or discuss within themselves anything related to their specific problem statement and on one other than the admin, support team and participants of that specific problem statement will be able to see these messages i.e. there will be specific channels for every problem statement with only the teams related to that problem statement in it.
- **Ask Me Anything:** here anyone can ask any question or doubt regarding the hackathon with a dedicated support team to help them.
- **Technical Support:** this channel is dedicated to any kind of technical issue that may arise during the hackathon with a dedicated support team to help them.
- **Perks:** Interview Cake, Rosenfeld, Taskade

3. DO's and DON'Ts -

- **Do not be a troll:** Don't involve yourself in trolling or offending someone. Behaviour that is seen as trolling, disruptive or toxic within any channel is not acceptable.
- Keep everything “**Safe For Work**”: This means absolutely no adult material, no suggestive material and no material of strong political or religious character.
- Names must be readable, taggable and non-disturbing.
- **No discussion** of illegal topics or actions.
- **Don't Spam:** Do not spam any channel with memes or any other useless comments.

Presentation:

1. For the first mentoring session, **follow the presentation template** given to you.
2. For evaluation you can use a different presentation.
3. For day 2, the team has to add a slide **describing the suggestions** given by mentor(s) and how much they have implemented it. If not implemented, then the **reason for that too should be explicitly mentioned.**
4. For the final day the teams will have to **summarize the team's journey** throughout the competition.
5. Presentation is based on your creativity but the given headers should be followed strictly
6. Videos can be added in PPTs. If a video is going to be played during evaluation or mentoring prefer using the function "A Chrome tab" while using Google Meet on Chrome so that the audio will also be audible.
7. **Live demos are welcomed.**
8. Final presentations used for evaluation on the last day **must be submitted on GitHub** repository along with the codes.
9. If videos are showcases, teams have to add those to GitHub too.
10. If any of the files(ppt, videos, etc.) is exceeding 100 MB in size, upload them to Google drive and share their link in the GitHub repository.

**All the rules have to be followed strictly.
Breaking them would result in disqualification
from the Hackathon.**