# Hacknight 3.0 Maintainer Guide

Welcome to the team! We're excited to have you on board, and would like to get you productive in the Hacknight context as soon as possible.

The Guide here has been split into multiple sections, for your convenience.

[[toc]]

## Git and Github Resources

### Git and Github - Operational Basics

- [Git Up and Running - Basic Guide for Git and Github](#)
- [Github Flow](#)
- [Issue Templates](#)

### Hacktoberfest Guidelines

- [Credit Card Verifier - Excellent Example Repository](#)
- [Hacktoberfest 2021 Guidelines](#)
- [Digitalocean maintainer Guidelines](#)

## Github

- Before anything else, ensure you're a part of the **Hacknight 2021 Maintainers** Github Organization. If you aren't, immediately DM either **Chai**, **Joy** or **Navin**.
- Once you're a part of the Organization, comment on the "Attendance" post, so we can make sure you're there.
- Ensure you can see this repository.

## Repositories

> *Every repository needs a **minimum** of two maintainers.*

**IMPORTANT**: Submitting a repository idea also confirms your committment to maintaing the repository. This is non-negotiable.

You are expected to have a minimum of five issues, with the scope for more being added either by yourself, or by contributors. Exactly how we assign bounty points for each issue will be deliberated on a little further in this document.

Your repository and its issues will need to be appropriately tagged and marked to conform to Hacktoberfest guidelines, and bounty marking will be separate.

### Files

Every Repository must have, in addition to the code itself, the following files -

1. A README file ( `README.md` )
2. A CONTRIBUTING file ( `CONTRIBUTING.md` )
3. A CODE_OF_CONDUCT file ( `CODE_OF_CONDUCT.md` )
4. A License file ( `LICENSE` )

### README File

```
# <PROJECT NAME>


<A Brief Description of the project>
If you want to jump head-first and get started with Contributions, head over to
`CONTRIBUTING.md` to get started!


## Tech Stack

- language
- frameworks
- tools needed

## Getting Started
Here's How you can get the program running in your machines :
```
<Code / Shell Commands for Envirnoment Setup>
```

## About the project

### Is this project beginner friendly?
<YES/NO>

### Specifics
<small details about the project - database setup>

## Maintainer


Maintainer : [Your github username]  , [you email ID]
```

**CONTRIBUTING File**

```
# Contributing to <Project Name>
Hello and welcome! We are so glad that you are interesting in contributing to <Project
Name>!
We only have a couple of rules and we hope you enjoy the process :)


## Contributing Rules
<Bulleted List of Rules>


## Contributing Process
1. Fork the repository
2. Clone **your forked repository** to your computer
3. Head to the issues tab and look for an issue that you like. Issues marked "Good
First Issue" or "Hacktoberfest" are great to start with!
4. Once you have decided what issue to work on, give it a shot!
5. Once done, push the code to your forked repository.
6. Head to the Pull Requests tab and click on "Create New Pull Request"
7. On the left of the arrow should be this repo and on the right should be yours.
8. Add a small description to the Pull Request describing what you've done.
9. Mention what Issue you have worked on. If the issue number is #3, you can mention
"Closes #3" in the Pull Request description.
```

```
10. Submit Pull Request
```

```
It's that easy! We hope you enjoy contributing to our repository. Don't hesitate to
contact any of the maintainers or ACM team about any problems!
```

**CODE_OF_CONDUCT File**

```
# Contributor Covenant Code of Conduct

## Our Pledge

In the interest of fostering an open and welcoming environment, we as
contributors and maintainers pledge to making participation in our project and
our community a harassment-free experience for everyone, regardless of age, body
size, disability, ethnicity, sex characteristics, gender identity and expression,
level of experience, education, socio-economic status, nationality, personal
appearance, race, religion, or sexual identity and orientation.

## Our Standards

Examples of behavior that contributes to creating a positive environment
include:

* Using welcoming and inclusive language
* Being respectful of differing viewpoints and experiences
* Gracefully accepting constructive criticism
* Focusing on what is best for the community
* Showing empathy towards other community members

Examples of unacceptable behavior by participants include:

* The use of sexualized language or imagery and unwelcome sexual attention or
 advances
* Trolling, insulting/derogatory comments, and personal or political attacks
* Public or private harassment
* Publishing others' private information, such as a physical or electronic
 address, without explicit permission
* Other conduct which could reasonably be considered inappropriate in a
 professional setting

## Our Responsibilities

Project maintainers are responsible for clarifying the standards of acceptable
behavior and are expected to take appropriate and fair corrective action in
response to any instances of unacceptable behavior.

Project maintainers have the right and responsibility to remove, edit, or
reject comments, commits, code, wiki edits, issues, and other contributions
that are not aligned to this Code of Conduct, or to ban temporarily or
permanently any contributor for other behaviors that they deem inappropriate,
threatening, offensive, or harmful.
```

```
## Scope

This Code of Conduct applies both within project spaces and in public spaces
when an individual is representing the project or its community. Examples of
representing a project or community include using an official project e-mail
address, posting via an official social media account, or acting as an appointed
representative at an online or offline event. Representation of a project may be
further defined and clarified by project maintainers.

## Enforcement

Instances of abusive, harassing, or otherwise unacceptable behavior may be
reported by contacting the project team at acmpesuecc@gmail.com. All
complaints will be reviewed and investigated and will result in a response that
is deemed necessary and appropriate to the circumstances. The project team is
obligated to maintain confidentiality with regard to the reporter of an incident.
Further details of specific enforcement policies may be posted separately.

Project maintainers who do not follow or enforce the Code of Conduct in good
faith may face temporary or permanent repercussions as determined by other
members of the project's leadership.

## Attribution

This Code of Conduct is adapted from the [Contributor Covenant][homepage], version
1.4,
available at https://www.contributor-covenant.org/version/1/4/code-of-conduct.html

[homepage]: https://www.contributor-covenant.org

For answers to common questions about this code of conduct, see
https://www.contributor-covenant.org/faq
```

**LICENSE File**

```
MIT License

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THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
```

```
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE
```

## Issue Templates

You'll need to setup issue templates on your repository to ensure a unified idea proposal scheme.

### Bug Reports

```
# <Title of Your Issue>

## Description
    <A brieff description of your bug>
## Bug Replication
    <Step by step procedure to replicate the bug>
## Resources
    <resources that the maintainer has collected so far , any hints must also be give>

<hr>
** Bounty points alloted : <Score here hould follow the Bouty rules> **
Any further improvements along with bug fixes will be given brownie points. If the
countributor
sees any further inprovements that can be done to this project ,raise an issue.
```

### Enhancement

```
# <Title of Your Issue>

## Description
    <A brief description of the enhancement expected>
## Understanding code
    <A short explaination of already present code needs to be given that the
maintainer
    expects to be enchanced>
## Resources
    <few resources that the maintainer thinks may be usefull for this issue>

<hr>
** Bounty points alloted : <Score here hould follow the Bouty rules> **
Any further improvements along with bug fixes will be given brownie points. If the
countributor
sees any further inprovements that can be done to this project ,raise an issue.
```

### Feature

```
# <Title of Your Issue>

## Description
    <A very detailed description of the feature expected>
## Prefered Implementation
```

```
    <A small reccomendation can be given by the maintainer on how they expect this
feature to
    be implemented>

    To the contributor , it isnt must to follow whats above ,its merely a suggestion.
## Resources
    <few resources that the maintainer thinks may be usefull for this issue>


<hr>
** Bounty points alloted : <Score here hould follow the Bouty rules> **
Any further improvements along with bug fixes will be given brownie points. If the
countributor
sees any further inprovements that can be done to this project ,raise an issue.
```

## Bounty Rules

The score are split into three types, in order of increasing rarity

1. Bounty Points (common to all issues)
2. Brownie Points (for some of the PRs into which more effort went)
3. Enthusiasm Points (for the PRs that went above and beyond)

### Bounty Points (MIN 20 | MAX 45)
- Bounty Points are common to all issues.
- Every issue, based on subjective difficulty, is assigned a bounty of anywhere from 20 (least difficult) to 45 (most difficult).

### Brownie Points (MIN 5 | MAX 15)
- Brownie Points are for those issues and PRs where the author's effort is visible, in scenarios including, but not limtied to,
  - Adding a new function
  - Refactoring the code
  - Adding a new theme
  - adding comments
- these act as an addon to the issues the improvements were made to that follow Bounty points scoring.

### Enthusiasm Points (MIN 10 | MAX 20)
- Enthusiasm Points are given to those issues/contributions that the author comes up with by themself , these work as adds on to the kind of issues they propose to works on [Bounty Points scoring]