

# File Structure



*This is what the project will look like at its parent folder level (top level).*

1. `main.py`:

- This is the core file of the Discord bot where the main functionality is implemented.
- It initializes the bot, loads the different cogs (modules), and handles events.
- Team members are not required to modify this file, allowing the functionality to remain stable as they develop features in their own cogs and helper functions.

2. `cogs/my_cog.py`:

- This file is designated for specific features or commands that can be added to the bot.
- Team members can design their own cogs by defining classes here, which inherit from the base classes provided by `Discord.py`.
- This modular approach enables each member to work on their features independently.

3. `utils/`:

- This where we will store source files which aid cog functionality. Within this directory, there is also a `helpers.py` file that houses generic functions available to all cogs.

4. `utils/helpers.py`:

- This file is intended to contain utility functions that can be used across different modules of the bot.
- Team members can develop functions that perform specific tasks and can be used in their cogs, promoting code reusability.

5. `cache/`:

- This folder is used to store sub-folders containing cache files for the bot.

6. `config/`:

- This folder is used to store configuration files for the `bot/cogs`.

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