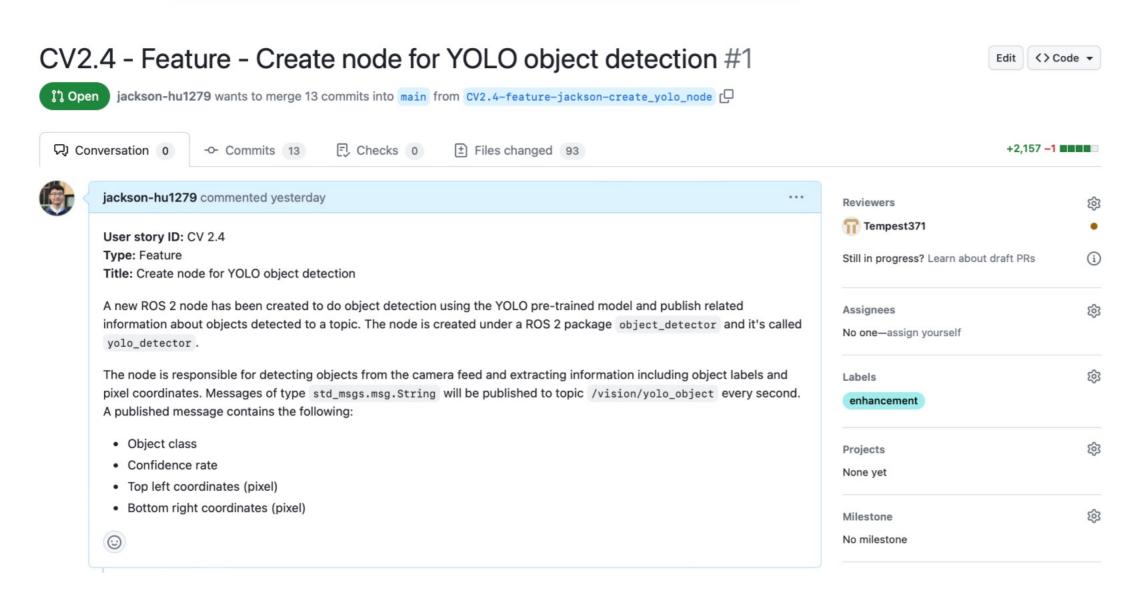
Code Review Template

Created by Renwei Hu, last modified on 20 Sep, 2023

Result	Approve/Request Changes/Decline
Reviewer	George Wang
Reviewed Date	ii 19 Sep 2023
Initiator	@ Renwei Hu
Request Date	ii 18 Sep 2023

Pull Request Details

Repository	https://github.com/COMP90082-2023-SM2/AI-RedBack-Vision
PR Title	CV2.4 - Feature - Create node for YOLO object detection
PR Link	https://github.com/COMP90082-2023-SM2/AI-RedBack-Vision/pull/1
Туре	Feature/Bug-fix
Code Conflict	Yes/No



Issues or Advice

The following is just an example:

Naming Conventions: It's important to adhere to our project's naming conventions consistently. In this code, I noticed that variable names like *var1* and *tmp* don't provide meaningful context. Let's consider using more descriptive names that convey the purpose of these variables. For instance, *var1* could be renamed to *userCount* for clarity. Clear and consistent naming improves code readability and maintainability.

Remove Unused Imports: I also noticed some unused imports in the code file. It's a good practice to remove them to keep the codebase clean. For example, we can safely remove the *import datetime* statement if it's not being used in this module. Cleaning up unnecessary imports reduces clutter and can improve compilation times.

Code Review Checklist

Category	Item	Check
1. Feature Requirement	1.1 Expected feature or functionality has been completed.	☑ / ×
	1.2 No poorly implemented functions.	☑ / ×
	1.3 Exceptions are appropriately handled.	V / X
2. Readability	2.1 The code is organised in its structure.	V / X
	2.2 The purpose of each block/function is clear and easy to understand.	V / X
	2.3 Appropriate comments are present in the code.	V / X
3. Maintainability	3.1 The code is easy to test and debug.	V / X
	3.2 Compatability and extendability are considered.	V / X
	3.3 Features or functionalities don't rely on deprecated libraries or functions.	☑ / ×
4. Security Vulnerabilities	4.1 The code doesn't use tools or libraries with known security issues.	☑ /×
	4.2 User data is appropriately processed and stored if involved.	V / X
	4.3 No obvious vulnerabilities or known security problems.	☑ / ×
5. Speed and performance	5.1 The code is efficient and applicable.	V / X
	5.2 No chunks of duplicated code.	V / X
	5.3 The feature or functionality will not impact the overall performance.	V / X
6. Code Documentation	6.1 Accurate and concise git commit descriptions.	V / X
	6.2 A brief explanation or description for the pull request is present.	V / X
	6.3 Documentation or user manual is prepared if necessary.	V / X
7. Coding Standards	7.1 Language naming conventions (e.g. variables, functions, comments) are followed.	V / X
	7.2 Follows the appropriate code layout.	V / X
	7.3 Code is checked with formatting tools for consistency.	V / X