[Merge Requests & Code Review](https://wiki.eisgroup.com/pages/viewpage.action?pageId=373044763)

# Introduction

This page contains some advice for creating merge requests and a detailed description of the code review process

# Merge request creation rules:

#### Name of the **git branch** must contain the ticket ID and a brief description of changes (f.e. "GENESIS-22982\_Support\_CICD\_updates")

#### Name of the related **merge request** should be aligned with the branch name (f.e. "GENESIS-22982 Support CICD updates")

#### Name of **commits** should also reflect their purpose

#### And all commits that can be squashed **must be squashed**

Diagram

Description automatically generated

# Code review guideline:

|  |  |  |  |
| --- | --- | --- | --- |
| **Jira ticket flow:** | **Steps for a performer:** | **Steps for the reviewer:** | **Recommendations on the order of checks:** |
|  | Strive to separate the most important changes to a single commit with a clear name   Assign Jira ticket and merge request to initial reviewer   Discuss and fix all of the appearing discussions   Add comment "fixed" under discussion if it fixed   You can merge your request only after the final reviewer add "Reviewed" label   The ticket can be closed only if the request merged successfully   Clange labels "Automated" to "Yes" on related TCs and User Story. | Review changes   Open discussions if necessary   Check discussion again and resolve it if comment "fixed" added   Finish review if all of the discussion resolved:  a. For **initial reviewer**: Add comment "reviewed" on the 'Discussions' tab. And assign Jira ticket to the final reviewer.   b. For **final reviewer**: Add label "Reviewed" to the merge request. Resolve ticket and assign to the performer. | Verify code compliance with the problem to be solved (alignment between test code and test case)   Location of the code   Optimization of the code (algorithms and duplications)   Naming conventions    Code style and misprints  *The review is performed not only to improve the code, but also for training. Therefore, try to assign review to not only a specialist in this way, but also to a person who need to improve this area of knowledge.* |