Merge Request Review Checklist

- ❏ Before review
    - ❏ merge or rebase with master (NOT BOTH)
    - ❏ run pipeline
    - ❏ fix whitespace
    - ❏ fix unused variables
    - ❏ add ticket number to commits and merge request
      (create ticket if there is not one)
- ❏ Review
    - ❏ Check if there are tests (and if there needs to be tests)
    - ❏ Check that the tests are appropriate
        - ❏ Make sure regression tests have requirements added
    - ❏ Check for stray debug statements
    - ❏ Check for correct, sufficient, and useful comments
    - ❏ Check for formatting guidelines
        - ❏ Update any source routine you modify to conform to coding standards
          (This is best done as a follow on MR, but may be case-by-case)
    - ❏ Check for Design by Contract (DBC)
    - ❏ Review the design (high level design)
        - ❏ Do the procedure interfaces make sense?
        - ❏ Are the procedures of appropriate length?
        - ❏ Is the object model correct?
    - ❏ Consider implications with other features (e.g. Feedback, parallel, shuffle)
        - ❏ Test these manually if needed
    - ❏ Review commits
        - ❏ Each commit should be self contained and have a descriptive commit
          message and associated ticket
        - ❏ Consider squashing or amending commits to simplify history
    - ❏ Review algorithms and variable usage (low level design)
- ❏ In parallel with review
    - ❏ Fix any broken tests from initial pipeline
    - ❏ Run nightly/heavy tests for sweeping changes or changes to NQA-1 features
      (voluntary by developer, or may be requested by reviewer)
    - ❏ Determine if the merge request has dependencies on changes to other
      repositories and coordinate with appropriate people on how to keep everything
      working.