API Implementation Review Checklist

System and Process API's

Must-have:

- [ ] RAML Contract, linked from Exchange or Design Center
- [ ] Implementation separated from APIKit generated interface
- [ ] Shared components in global.xml
- [ ] Separate properties files for each target environment
- [ ] Best-practice ".gitignore" file
- [ ] Built for server runtime 3.9.1 or higher
- [ ] Externalised Dataweave code in separate file
- [ ] MUnit test set for happy flow of all operation
- [ ] >80% test coverage
- [ ] Committed to GitLab Enterprise Integration group repository as a separate project
- [ ] Low-code solution, use of Mule components and connectors
- [ ] Externalised variables instead of hardcoding

Should-have:

- [ ] 100% test coverage
- [ ] External jars and other dependencies managed by maven pom.xml
- [ ] Big samples or documentation in non-packaged folder (not part of the deployable zip file)

Could-have:

- [ ] jmeter load test

Experience API's

Must-have:

- [ ] Shared components in global.xml
- [ ] Separate properties files for each target environment
- [ ] Best-practice ".gitignore" file
- [ ] Built for server runtime 3.9.1 or higher
- [ ] Externalised Dataweave code in separate file
- [ ] MUnit test set for happy flow of all operation
- [ ] >80% test coverage
- [ ] Committed to GitLab Enterprise Integration group repository as a separate project
- [ ] Low-code solution, use of Mule components and connectors
- [ ] Externalised variables instead of hardcoding

Should-have:

- [ ] RAML or WSDL contract
- [ ] 100% test coverage
- [ ] Big samples or documentation in non-packaged folder (not part of the deployable zip file)

Could-have:

☐ RAML contract, linked from Exchange or Design Center

Batch/Scheduler or EAI/ESB Non-API

Must-have:

☐ Shared components in global.xml
☐ Separate properties files for each target environment
☐ Best-practice ".gitignore" file
☐ Built for server runtime 3.9.1 or higher
☐ Externalised Dataweave code in separate file
☐ MUnit test set for happy flow of all operation
☐ >80% test coverage
☐ Committed to GitLab Enterprise Integration group repository as a separate project
☐ Low-code solution, use of Mule components and connectors
☐ Externalised variables instead of hardcoding

Should-have:

☐ RAML or WSDL contract
☐ 100% test coverage
☐ Big samples or documentation in non-packaged folder (not part of the deployable zip file)

Could-have:

☐ RAML contract, linked from Exchange or Design Center, to allow for direct consumption.