

DD2480 – Essence Checklist Assessment

Group 12

February 2025

State	Checklist
Principles Established	<ul style="list-style-type: none">• Principles and constraints are committed to by the team.• Principles and constraints are agreed to by the stakeholders.• The tool needs of the work and its stakeholders are agreed.• A recommendation for the approach to be taken is available.• The context within which the team will operate is understood.• The constraints that apply to the selection, acquisition, and use of practices and tools are known.
Foundation Established	<ul style="list-style-type: none">• The key practices and tools that form the foundation of the way of working are selected.• Enough practices for work to start are agreed to by the team.• All non-negotiable practices and tools have been identified.• The gaps that exist between the practices and tools that are needed and the practices and tools that are available have been analyzed and understood.• The capability gaps that exist between what is needed to execute the desired way of working and the capability levels of the team have been analyzed and understood.• The selected practices and tools have been integrated to form a usable way of working.

State	Checklist
In Use	<ul style="list-style-type: none"> • The practices and tools are being used to do real work. • The use of the practices and tools selected are regularly inspected. • The practices and tools are being adapted to the team's context. • The use of the practices and tools is supported by the team. • Procedures are in place to handle feedback on the team's way of working. • The practices and tools support team communication and collaboration.
In Place	<ul style="list-style-type: none"> • The practices and tools are being used by the whole team to perform their work. • All team members have access to the practices and tools required to do their work. • The whole team is involved in the inspection and adaptation of the way of working.
Working Well	<ul style="list-style-type: none"> • Team members are making progress as planned by using and adapting the way of working to suit their current context. • The team naturally applies the practices without thinking about them. • The tools naturally support the way that the team works. • The team continually tunes their use of the practices and tools.
Retired	<ul style="list-style-type: none"> • The team's way of working is no longer being used. • Lessons learned are shared for future use.

For Assignment #3: (Code complexity, coverage), the stakeholders are again a little bit harder to define, as it can be many parties, ex: contributors/maintainers, users and the community in broad and of course us student ourselves. However, the course responsible are also stakeholders as they want us to pass to not have

to do a lot more work. We are making the assessment from the PoV that we students are the stakeholders. For this assignment the tools were more or less the same as we used before. Everyone has their own responsibility of what IDE and other development tools they use. We used git-hub issues in assignment 1 and 2 so we kept on using that as a tool for tracking issues. Although the assignments in this project were a lot more individual so issues were created on a individual basis.

New tools introduced during this project was scons and lizard, scons is basically as make so there wasn't too much to learn and same with lizard there wasn't too much to learn so we feel like we handled the new tools fairly well.

The work has been the same as previous weeks, we work asynchronous and communication has been through Discord.

As it stands, we are in the working well stage. The new tools we had to work with were fairly easy to use and understand.

To reach the next stage we would have to completely finish the project.