Master thesis - Way of Working in Large Scale Development Governance

Background
There is a Way of Working (WoW) defined for PD TC. This describes how Cross-Functional Teams (who mainly do design and early phases of testing) and other supporting roles (e.g., project management) should work together in developing the product. From this WoW there are links to subordinate WoW which each cover a different aspect. For example, there may be a sub-WoW for Alarm Management, another sub-WoW for Performance Management etc.

This collection of WoW and subordinate WoWs is hard to navigate due to two reasons:

- It’s a lot of information to go through
- Not all sub-WoW are relevant at all times; this may vary between what features are implemented/introduced in each project.

Thesis Description
One part of the Thesis is to describe and measure the complexity of this WoW/sub-WoWs. Things like the number of sub-WoW, the number of steps involved for following the total WoW etc. might be valuable to quantify. This involves studying the various WoW and probably also qualitative interviews with people with different roles.

Another part of the Thesis is to investigate some sort of tool to navigate this total WoW. E.g. if certain parts of the WoW are irrelevant for a certain project/role, these parts should preferably be hidden. The purpose of this is to simplify the use of the WoW, but also to help different roles to adhere to the WoW. Currently it is easy to miss some parts due to the sheer number of information/sub-WoWs.

The thesis will be concluded with a result presentation for the Ericsson team.

Qualifications
This project aims at students in electrical engineering, computer science, computer engineering or similar.

Extent
1-2 students, 30hp each

Location
Ericsson AB Mjärdevi, Linköping

Preferred Starting Date
Spring 2022

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