Appfwk Review follow-up

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Keynotes

- Progress generally stalled by other activities

- Identified few small, independent tasks that can be completed with small effort

- Other tasks (e.g. communication model) are significantly more complex
  - Require an initial design effort involving experts
  - Followed by an implementation phase with reduced effort

Tasks

List of self-contained independent tasks:

- Documentation (Req. and Spec.)
    - Eric's slide: Highest priority
    - Possible benefit from structural improvements

- Configuration interface
- Monitoring interface

Near term tasks:

- Action Plan
    - Implementation ready

- ThreadedDAQModule

Design-driven tasks:

- Runtime parameters

- Communication models/patterns

- Recovery strategies (NEW)
    - *Subtask*: DFO protocol change for redundancy support

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Near term tasks:

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Macro tasks:

- Runtime parameters

- Communication models/patterns

- Recovery strategies (NEW)
  - *Subtask*: DFO protocol change for redundancy support

Macro tasks need expert attention
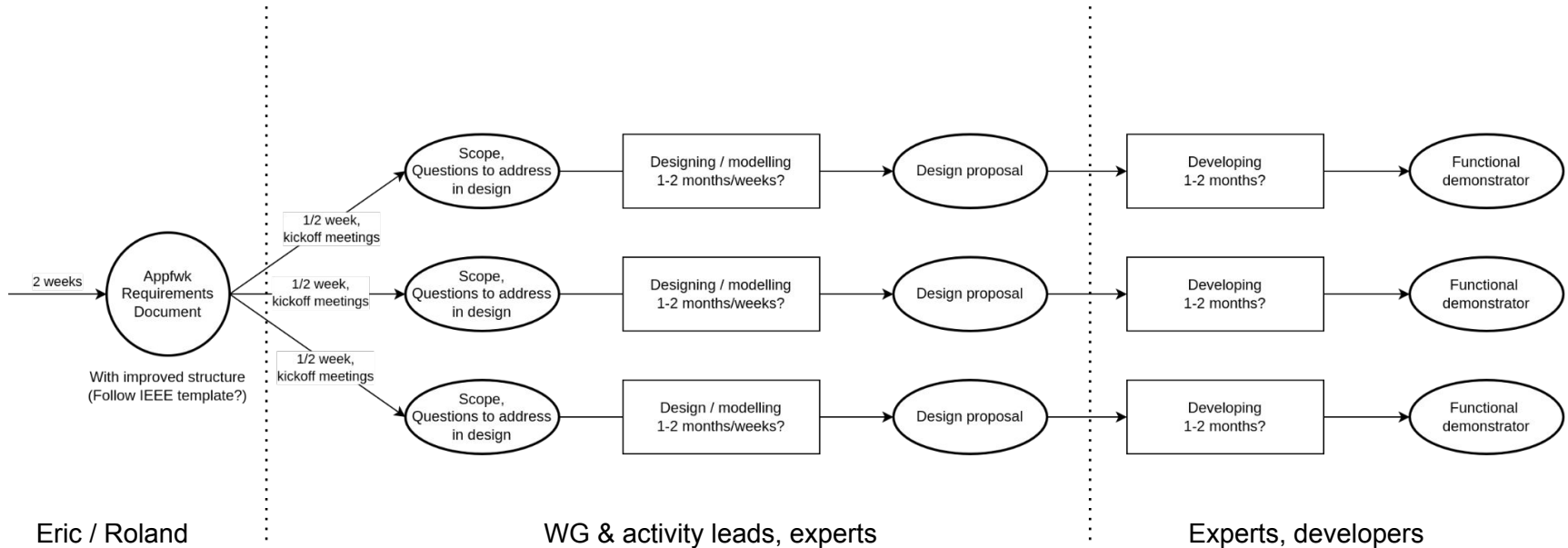
These tasks require multiple stages:
- Problem statement (reflected by the requirement doc)
- Design proposal (modelling)
- Functional demonstrator (development)
- Integration (development)

Workflow

An idea about a possible workflow:

Comments

- If we acknowledge the fact that these are major developments, this is a possible idea

- To go to details these are possible steps that will take time and effort

- There is no perfect solution, but we cannot do them fast based on previous experiences

- We could have a focused development sprint or workshop, but timelines are very vague due to current critical-path schedule