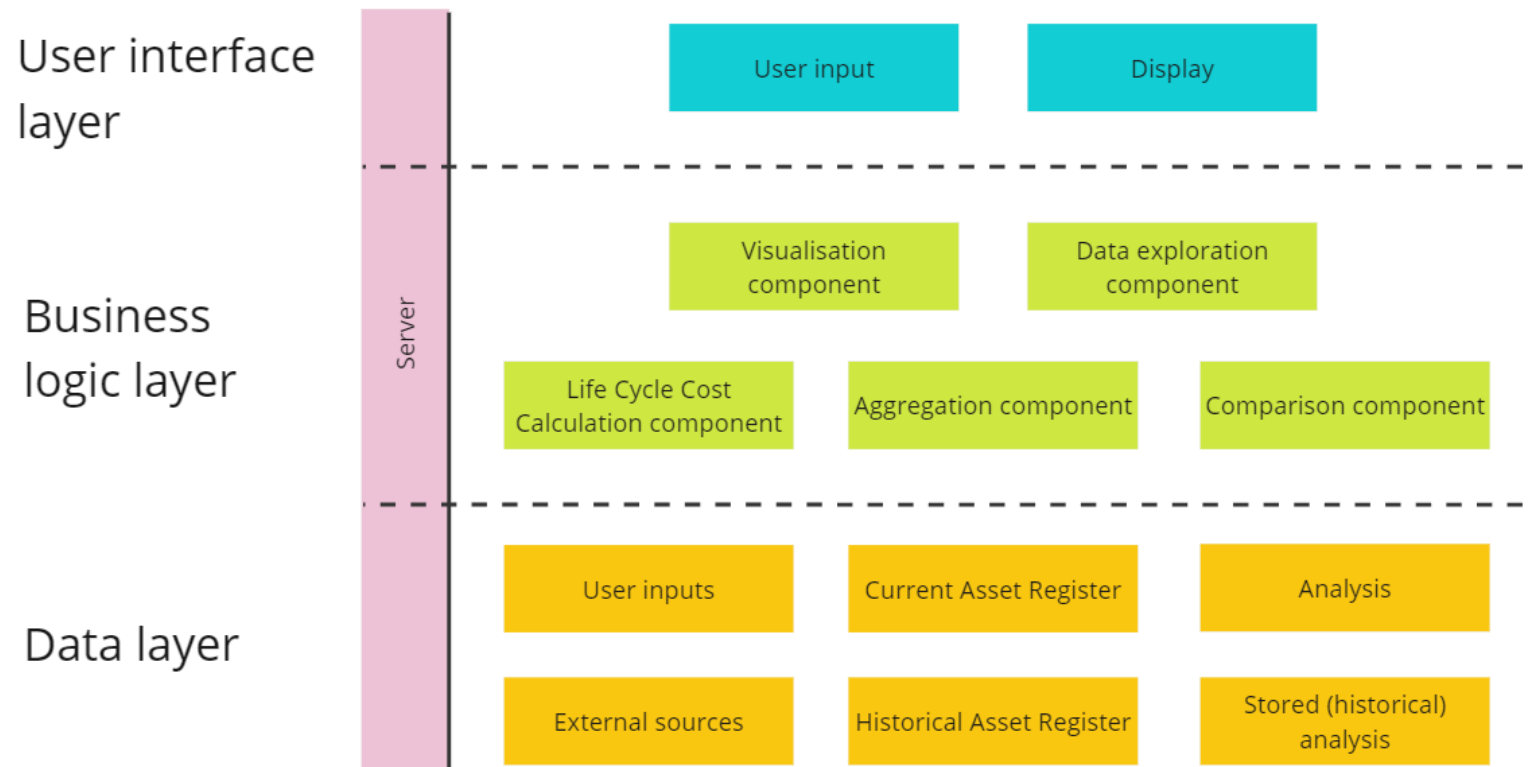


Supplementary Material 2

Reference Architecture diagrams

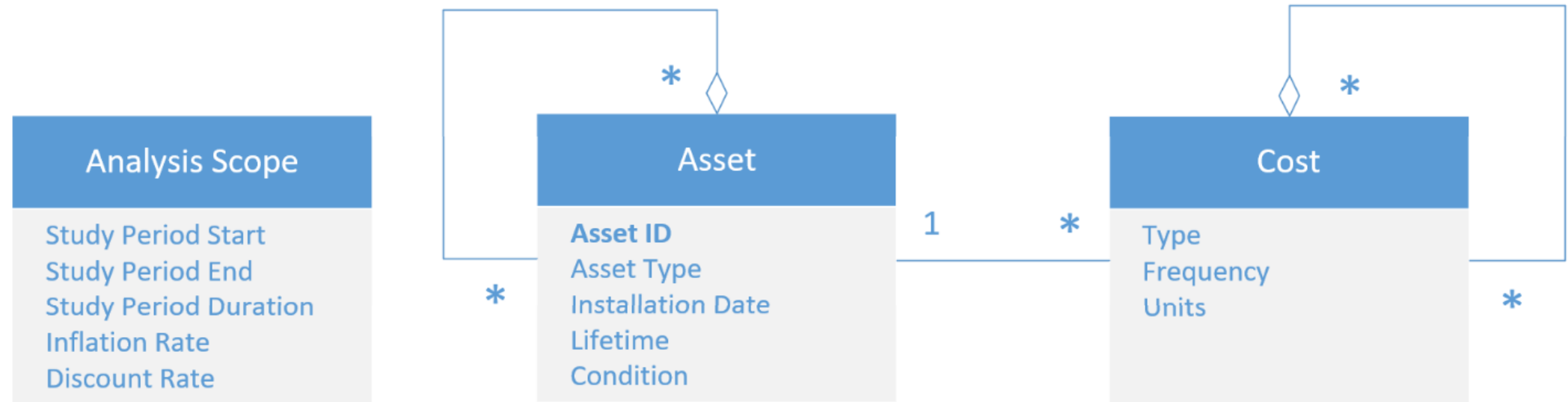
Layered LCC system architecture

- abstract functions can support various asset management goals and use cases



UML class diagram – core LCC data model

- abstract classes provide extensibility
- self-containment relationships facilitate aggregation of ‘assets’ and ‘costs’



UML class diagram - LCC cost breakdown structure

- taxonomy harmonising ISO 15686 and EN 15804 cost classifications
- supports aggregation in function 2
- grey classes represent expansion towards whole life costing per ISO 15686

