

# ENERGY TRACKER TESTING AND DEVELOPMENT

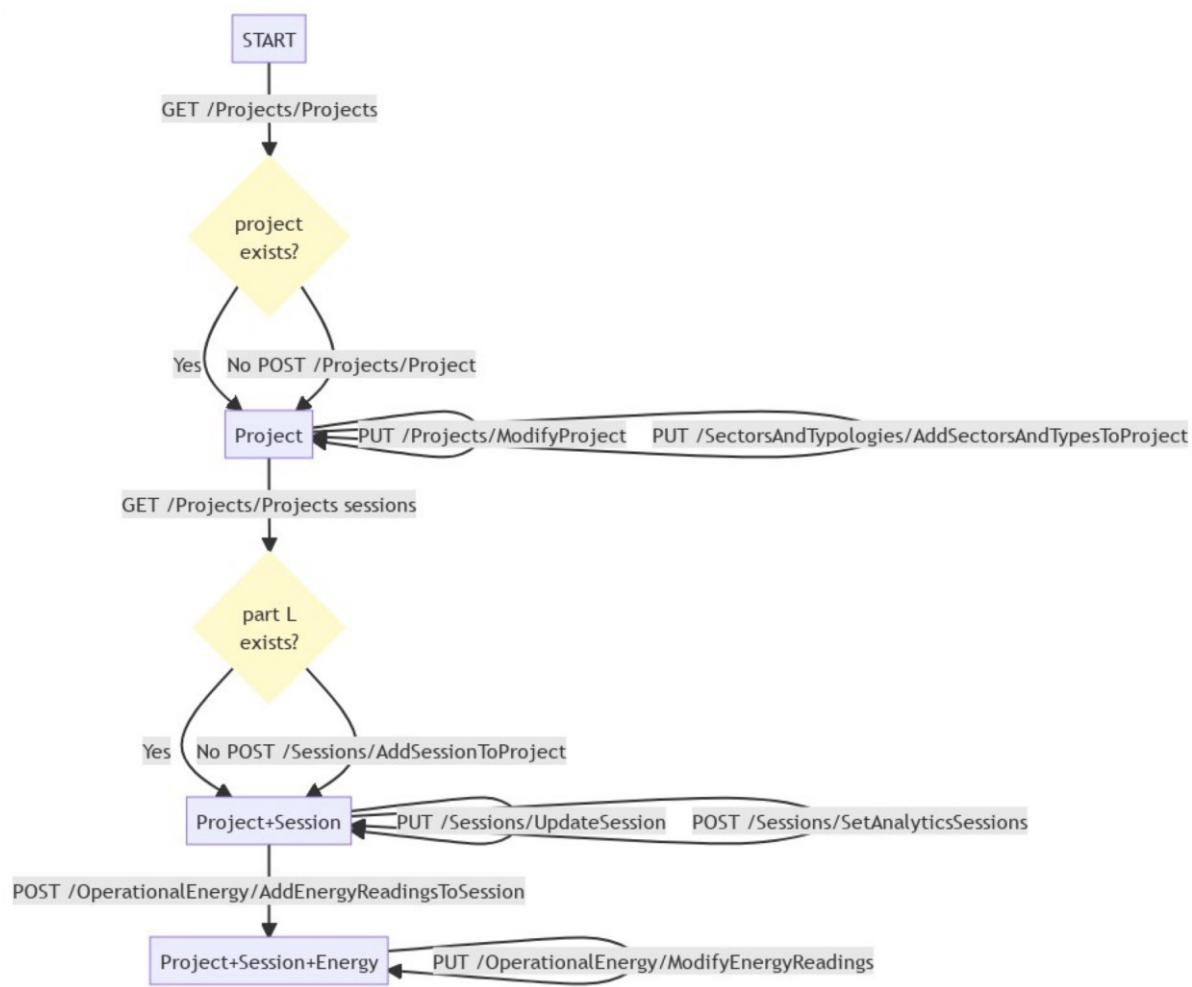
## energy tracker API - Swagger UI

### Questions for Matt

- there is no data already in the database?
  - is it possible to add the old data?
- generally, it would be useful to add references for definitions (ideally in the schema) of terms (e.g. in /SectorsAndTypologies/AddSectorsAndTypesToProject):
  - use:
  - category:
  - sector:
  - type:
  - ^ ideally the above would all have accompanying references from literature
  - (i'm currently not sure how to add Sectors / Types to my project)
- is UTC time used generally (current working assumption). required for expiry response for auth.
  - if yes, add to description in schema.
- when project is initiated with POST /Projects/Project, in the sample request: {"yourReferenceKey": "MyKey"}, it should be {"referenceKey": "MyKey"}
- ProjectCreationShell → accessType: is there an enum of allowed values?
- "isFinalDesign" within Sessions
  - can't see how to set "isFinalDesign" (its not in the PUT or POST commands within Sessions)
  - within a Session, we should define the convention within the schema for how "isFinalDesign" can be used. suggest that:
    - for a given "methodology", there can only be 1no "isFinalDesign"
    - can this be enforced by validation within the schema?

## Workflow of Tool

- JG is in the process of making a tool for extracting data from an IES model and inputting into EnergyTracker
- it is intentionally limited in scope as a way to:
  - experiment with the API on a small project
  - embed the eTracker into other best-practice modelling workflows to increase likelihood of Engineers inputting the data



## Other Notes

- because the swagger.json file is built to the openapi standard it has been possible to convert the swagger.json files into python [pydantic](#) models [datamodel-code-generator](#)
  - this makes development using python much more streamlined!
- [vuetify-jsonschema-form](#) can be used to generate out-the-box UI forms from the schema