Week 19 Minutes

* Sequence diagram – learner machine and teacher machine, Jupyter server sends data to llm, need 5 boxes – serious sequence diagram
* Label wireframe

title Reflective Tool Sequence Diagram

Learner Machine->Jupyter Server:Students send their \nreflections to the Jupyter\nServer. They also send\nPython code to be compiled.

Jupyter Server -> Firestore Database: Reflective data is written\nto database via Python\ncode executed by Jupyter\nServer.

Jupyter Server -> Learner Machine: User is returned the \noutput of complied Python\ncode.

Teacher Machine->Jupyter Server: Lecturer select the select the lecturer report generation button.\nHidden Magic functions are sent to the Jupyter Server to be executed.

Jupyter Server ->Firestore Database: Call to retrieve relevant reflective \ndata.

Jupyter Server <- Firestore Database: Specific reflective data based \non the lab id is retrieved.

Jupyter Server -> Llama 2 LLM: API call to Meta's AI tool, Llama 2. Reflective notes are passed with a prompt asking for a summary.

Llama 2 LLM ->Jupyter Server: Summary of reflective notes is returned.

Jupyter Server ->Teacher Machine: A report summary from based on the inputted lab id is returned. \nAn accompanying .csv file with raw data is downloaded to current \nworking directory.