

DOCUMENT 4A: Narrative - API

Our initial function for an API (Application Program Interface – the tool that allows our computers to securely exchange data with others) was for the mobile app. Without a robust interface into the main system that would compromise security and data integrity.

The API is a more functional aspect of the system that presents few challenges unique to our aims for low-skilled hourly workers. But developing it prompted considerable thought on the way the rich data uFlexi holds on each worker, and their surrounding market, could be exploited by Artificial Intelligence tools dedicated to worker empowerment. We have attached an initial paper on this to this section.

An obvious use for an API is to plug into payroll systems. However, there is a diverse spectrum of such systems and few standards for data exchange. The system is configured to export timesheet data that has been through all the requisite levels of approval. We consider this more than adequate at this stage. It is preferable that we ensure robust processes with labor market intermediary partners rather than assuming a purely technological solution will be preferable.