

ABSTRACT**TECHNICAL FRAMEWORK FOR CONSTRUCTING CUSTOMIZED SOFTWARE APPLICATIONS**

A technical framework for constructing customized software applications, each customised software application configured to perform a specific role within an organization, the technical framework comprising:

- configurable data processing components for extracting and ingesting relevant information from data obtained from at least one data source;

- configurable decision-making components that use at least one of a plurality of AI models or computations for generating a determination from the relevant information;

- configurable output task components that use at least one of a plurality of AI models or computations for generating an output task for execution according to the determination; and

- configurable integration components that use an external application for executing the output task;

wherein the technical framework has a modular architecture provided for:

- configuring the data processing components, the decision-making components, the output task components, and the integration components; and

- assembling a set of the configured components to form the customized software application.

FIG. 1