

METHOD FOR MANAGING GENERATING OF DEVELOPMENTAL REQUIREMENTS FOR A SOFTWARE APPLICATION

5 **Abstract**

Described herein is a method for managing generating of developmental requirements for a software application for achieving a business objective comprising receiving user input comprising input user requirements for meeting the business objective, and processing the user input by a first language model using a first reference template for generating first
10 artifacts therefrom, the first reference template comprising reference input, a plurality of reference requirements and reference descriptors and the first artifacts comprising output requirements and output descriptors substantially correlated with the reference requirements and reference descriptors. At least a portion of the first artifacts forms a portion of the functional requirements. The first artifacts are further processable by at least one additional
15 language model using at least one additional reference template for generating additional artifacts, the first artifacts and the additional artifacts constituting the developmental requirements to be processed by a code language model for generating at least a portion of codes of the software application therefrom, each of the first language model and the additional language model adopting a corresponding one of a plurality of software
20 development roles, each of the plurality of software development roles having role-specific objectives, capabilities and behavioral pattern.

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Figure 1