Claims:

1. A method for building a computer-implemented solution using a natural language understood by users and without using programming codes, the method comprising:

receiving, by a processor (4804) of a computing device (4802) from a user, a global statement of intent indicative of the solution being built using the natural language, wherein the global statement of intent is received in a form of the natural language and is set in a state of potentiality;

receiving, by the processor (4804) from the user, details of one or more agents associated with the global statement of intent, wherein an agent is a human agent or a machine agent, wherein the details of the one or more agents are received in a form of the natural language and each agent is set in a state of potentiality;

receiving, by the processor (4804) from the user, one or more local statements of intent associated with the global statement of intent and details of n number of entities associated with each local statement of intent, wherein each local statement of intent and the details of each entity are received in a form of the natural language and are respectively set in a state of potentiality, wherein each local statement of intent is a sentence indicative of a sub-step for fulfilling requirements for execution of the solution, wherein each entity includes a noun phrase and participates in fulfilling requirements of the sub-step indicated by the corresponding local statement of intent;

assigning, by the processor (4804), the one or more agents to each local statement of intent, wherein the details of the agent assigned to the local statement of intent are modifiable by the user;

for each local statement of intent, receiving, by the processor (4804) from the user in a form of the natural language, one or more attributes that define a characteristic of the respective local statement of intent and that differentiate the respective local statement of intent from other local statements of intent and that are set in a state of potentiality, wherein each attribute includes an adverb phrase;

for each entity, receiving, by the processor (4804) from the user in a form of the natural language, one or more attributes that define a characteristic of the respective entity and that differentiate the respective entity from other entities of the corresponding local statement of intent and that are set in a state of potentiality, wherein each attribute includes an adjective phrase;

wherein the one or more agents at least change the state of potentiality to a state of reality of each attribute, each entity, each local statement of intent, and the global statement of intent, wherein the state of potentiality is an empty binary state and the state of reality is a non-empty binary state,

forming, by the processor (4804), for each local statement of intent, a set of combinatorial-entity-states (CESs) including 2^n possible combinations of the n number of entities of the respective local statement of intent, wherein a CES formed based on all the entities, n in number, of the respective local statement of intent is a trigger combinatorial entity state (trigger CES), and wherein each CES in the set is in a state of potentiality and changes to a state of reality in response to changing the associated entities into a state of reality;

in response to determining only one received local statement of intent associated with the global statement of intent, identifying the trigger CES of the received local statement of intent as an end of the building of the solution;

in response to determining more than one received local statement of intent associated with the global statement of intent, receiving, by the processor (4804) from the user in a form of the natural language, a plurality of distinct relationships between the local statements of intent, wherein each distinct relationship is a distinct pathway to fulfil the requirements for executing the solution, wherein the plurality of distinct relationships are indicative of whether a trigger CES of one local statement of intent is influencing the set of CESs of another local statement of intent of the solution or is an end of the building of the solution;

for each of the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes, recording, by the processor (4804), a start time at an instance when the respective global statement of intent, the respective local statement of intent, the respective agent, the respective entity and the respective attribute, or a combination thereof, comes to existence in the state of potentiality; and

for each of the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes, recording, by the processor (4804), a stop time at an instance when the respective global statement of intent, the

respective local statement of intent, the respective agent, the respective entity and the respective attribute, or a combination thereof, comes to existent in a state of reality.

2. The method of claim 1, wherein the method further comprises:

for each of the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes, recording, by the processor (4804), geographical location coordinates at an instance when the respective global statement of intent, the respective local statement of intent, the respective agent, the respective entity and the respective attribute comes to existence in the state of potentiality during execution of the solution.

3. The method of claim 1, wherein the method further comprises:

for each of the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes, recording, by the processor (4804), geographical location coordinates at an instance when the respective global statement of intent, the respective local statement of intent, the respective agent, the respective entity and the respective attribute comes to existence in the state of reality during execution of the solution.

4. The method of claim 1, wherein the method further comprises:

for a local statement of intent, receiving, by the processor (4804) from the user in a form of the natural language, one or more sub-local statements of intent and details of m number of entities associated with each sub-local statement of intent, wherein each sub-local statement of intent and each entity are respectively set in a state of potentiality, wherein each sub-local statement of intent is a sentence indicative of a sub-step for fulfilling the requirements for execution of the solution, wherein each entity includes a noun phrase and participates in fulfilling requirements the sub-step indicated by the corresponding sub-local statement of intent;

assigning, by the processor (4804), the one or more agents to each sub-local statement of intent, wherein the details of the agent assigned to the local statement of intent are modifiable by the user;

for each sub-local statement of intent, receiving, by the processor (4804) from the user in a form of the natural language, one or more attributes that define a characteristic of the respective sub-local statement of intent and that differentiate the respective sub-

local statement of intent from other sub-local statements of intent and that are set in a state of potentiality, wherein each attribute includes an adverb phrase;

for each entity, receiving, by the processor (4804) from the user in a form of the natural language, one or more attributes that define a characteristic of the respective entity and that differentiate the respective entity from other entities of the corresponding sub-local statement of intent and that are set in a state of potentiality, wherein each attribute includes an adjective phrase;

wherein the one or more agents at least change the state of potentiality to a state of reality of each sub-local statement of intent, each entity associated with each sub-local statement of intent, and each attribute associated with each entity, and,

forming, by the processor (4804), for each sub-local statement of intent, a set of CESs including 2^m possible combinations of the m number of entities of the respective sub-local statement of intent, wherein a CES formed based on all the entities, m in number, of the respective sub-local statement of intent is a trigger CES, and wherein each CES in the set is in a state of potentiality and changes to a state of reality in response to changing the associated entities into a state of reality; and

receiving, by the processor (4804) from the user in a form of the natural language, a plurality of distinct relationships between the local statements of intent and the one or more sub-local statements of intent, wherein each distinct relationship is a distinct pathway to fulfil the requirements for executing the solution, wherein the plurality of distinct relationships are indicative of whether a trigger CES of one local statement of intent is influencing the set of CESs of a sub-local statement of intent, and wherein the plurality of distinct relationships are indicative of whether a trigger CES of one sub-local statement of intent is influencing the set of CESs of a local statement of intent or is an end of the building of the solution.

5. The method of claim 1, wherein, when the solution is executed, the method further comprises:

for a local statement of intent, receiving, by the processor (4804) from the one or more agents, associated with the local statement of intent, in a form of the natural language, one or more sub-local statements of intent and details of p number of entities associated with each sub-local statement of intent, wherein each sub-local statement of

intent and each entity are respectively set in a state of potentiality, wherein each sub-local statement of intent is indicative of a sub-step for fulfilling the requirements for execution of the solution, wherein each entity includes a noun phrase and participates in fulfilling requirements of the sub-step indicated by the corresponding sub-local statement of intent;

assigning, by the processor (4804), the one or more agents to each sub-local statement of intent, wherein the details of the agent assigned to the sub-local statement of intent are modifiable by the agent;

for each sub-local statement of intent, receiving, by the processor (4804) from an agent in a form of the natural language, one or more attributes that define a characteristic of the respective sub-local statement of intent and that differentiate the respective sub-local statement of intent from other sub-local statements of intent and that are set in a state of potentiality, wherein each attribute includes an adverb phrase;

for each entity, receiving, by the processor (4804) from the one or more agents in a form of the natural language, one or more attributes that define a characteristic of the respective entity and that differentiate the respective entity from other entities of the corresponding sub-local statement of intent and that are set in a state of potentiality, wherein each attribute includes an adjective phrase;

wherein the one or more agents at least change the state of potentiality to a state of reality of each sub-local statement of intent and of each entity and each attribute associated with the respective sub-local statement of intent,

forming, by the processor (4804), for each sub-local statement of intent, a set of CESs including 2^p possible combinations of the p number of entities of the respective sub-local statement of intent, wherein a CES formed based on all the entities, p in number, of the respective sub-local statement of intent is a trigger CES, and wherein each CES in the set is in a state of potentiality and changes to a state of reality in response to changing the associated entities into a state of reality; and

receiving, by the processor (4804) from the one or more agents in a form of the natural language, a plurality of distinct relationships between the local statement of intent and the one or more sub-local statements of intent, wherein each distinct relationship is a distinct pathway to fulfil the requirements for executing the solution, wherein the plurality of distinct relationships are indicative of whether a trigger CES of one sub-local statement

of intent is influencing the set of CESs of another sub-local statement of intent or is influencing the set of CESs of the local statement of intent.

6. The method of claim 1, further comprising, for each entity of each local statement of intent:

receiving, by the processor (4804) from the associated agent, a value against the respective entity, wherein receiving the value against the respective entity is recordation of an event to change the state of potentiality to a state of reality for the respective entity based on the received value, wherein the value is an input in a form of the natural language, a programming language, an image, bio-metrics, and gesture, wherein the natural language is in a form of a text or speech.

7. The method of claim 1, wherein at least one of the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes comes to existence in the state of potentiality during execution of the solution upon fulfilment of one or more predefined conditions.

8. The method of claim 1, further comprising:

receiving, by the processor (4804) from the user in a form of the natural language, user inputs to configure a user interface through which information associated with the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes is received during execution of the solution, wherein the user interface is dynamically adjustable based on a display property of a display device.

9. The method of claim 1, further comprising:

parsing, by the processor (4804), the received information associated with the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes; and

correcting, by the processor (4804), the parsed information based on a communication with a natural solution language grammar database to make one or more grammatical corrections in the information.

10. The method of claim 1, further comprising:

parsing, by the processor (4804), the received information associated with the global statement of intent, the one or more local statements of intent, the one or more agents, the entities and the attributes; and

removing, by the processor (4804), redundant text from the parsed information based on a communication with a natural solution language grammar database.

11. The method of claim 1, further comprising:

auto-populating, by the processor (4804), the one or more local statements of intent, or the one or more agents, or the one or more entities, or the one or more attributes, or a combination thereof based on the received global statement of intent, wherein the auto-populating is based on a communication with a natural solution language grammar database.

12. The method of claim 1, wherein the local statements of intent comprise two or more parallel local statements of intent, wherein:

a trigger CES of one local statement of intent influences the sets of CESs of the two or more parallel local statements of intent; and

trigger CESs of the two or more parallel local statements of intent influence the set of CESs of another local statement of intent or is end of the building of the solution.

13. The method of claim 1, wherein the local statements of intent comprise two or more alternate local statements of intent, wherein:

a trigger CES of one local statement of intent influences the sets of CESs of the two or more alternate local statements of intent; and

a trigger CES of one of the two or more alternate local statements of intent influence the set of CESs of another local statement of intent or is end of the building of the solution.

14. The method of claim 1, wherein the local statements of intent comprise a nested local statement of intent, wherein a trigger CES of the nested local statement of intent influences a set of CESs of a local statement of intent of another solution.

15. The method of claim 1, wherein the local statements of intent comprise a recursive local statement of intent, wherein a trigger CES of the recursive local statement of intent influences the set of CESs of another local statement of intent after N iterations or is end of the building of the solution after N iterations, wherein N is more than 1.

16. The method of claim 1, further comprising:

receiving, by the processor (4804) from the user in a form of a natural language, details of two or more substitute entities associated with a local statement of intent, wherein each of the two or more substitute entities is respectively set in a state of potentiality, wherein one of the two or more substitute entities includes a noun phrase and participates in fulfilling requirements of the sub-step indicated by the corresponding local statement of intent and other of the two or more substitute entities are not part of a trigger CES.

17. The method of claim 1, further comprising:

determining, by the processor (4804), a number of potentiality states associated with the solution based on:

$((2^{(b_1-c_1-e_1)}) \times (2^{(b_2-c_2-e_2)}) + (2^{(b_2-c_2-e_2)}) \times (2^{(b_3-c_3-e_3)}) + \ldots\ldots\ldots + (2^{(b_{K-1}-c_{K-1}-e_{K-1})}) \times (2^{(b_K-c_K-e_K)}) + (2^{(b_K-c_K-e_K)})) - 1$, where K is the total number of local statements of intent, b_K is the total number of entities, attributes and agents associated with the Kth local statement of intent, c_K is the total number of entities, attributes and agents associated with the Kth local statement of intent that are constants, e_K is the number of trigger CESs of one or more preceding local statements of intent that influence the Kth local statement of intent.

18. The method of claim 1, further comprising:

communicating, by the processor (4804), with an external system using one or more natural solution language application programming interfaces.

19. The method of claim 1, further comprising:

generating, by the processor (4804), one or more reports based on values of the global statement of intent, the one or more local statement of intent, the one or more entities, the one or more attributes, the one or more agents, wherein the one or more reports are generated based on one or more predefined techniques.

20. The method of claim 1, further comprising:

analyzing, by the processor (4804), values of the global statement of intent, the one or more local statement of intent, the one or more entities, the one or more attributes, the one or more agents; and

drawing, by the processor (4804), one or more logical inferences based on the analysis, wherein the one or more logical inferences are drawn based on one or more predefined models.

21. The method of claim 1, further comprising:

if the agent associated with a local statement of intent is a machine agent, then:

receiving, by the processor (4804) from a robotic process automation engine, inputs to add a new sub-local statement of intent to the local statement of intent and add one or more new entities and attributes to the new sub-local statement of intent, wherein the new sub-local statement of intent and the new entities and attributes are set in a state of potentiality;

receiving, by the processor (4804) from the robotic process automation engine, inputs to add one or more new entities and attributes to the local statement of intent, wherein the new entities and attributes are set in a state of potentiality; or

receiving, by the processor (4804) from the robotic process automation engine, inputs to modify the local statement of intent or the associated entities or the associated attributes.

22. The method of claim 1 or 4 or 5 or 21, further comprising:

generating, by the processor (4804), one or more implied entities associated with the one or more local statements of intent or the one or more sub-local statements of intent, wherein the one or more implied entities are accommodated in one or more of the n number of entities, the m number of entities, the p number of entities, and the new entities and are set in a state of potentiality.

23. The method of claim 22, wherein the one or more implied entities include time stamp, spatial coordinates, environment, access rights, and decision rights.

24. The method of claim 1 or 4 or 5 or 21, further comprising:

generating, by the processor (4804), one or more implied attributes associated with the one or more entities, wherein the one or more implied attributes are set in a state of potentiality.

25. The method of claim 1 or 4 or 5 or 21, wherein the one or more attributes are in one or more hierarchical levels.

26. The method of claim 1, further comprising performing, by the processor (4804), analytics, or drawing inferences, or a combination thereof, based on the start time and the stop time recorded for the respective global statement of intent, the respective local statement of intent, the respective agent, the respective entity and the respective attribute.

27. The method of claim 1, further comprising:

for each CES, including the trigger CES, keeping a track, by the processor (4804), of a time at which the each CES comes to existence in the state of potentiality during execution of the solution and of a time at which the each CES comes to existent in a state of reality during execution of the solution.

28. The method of claim 1, further comprising:

determining, by the processor (4804), a distance between a first CES and a second CES based on a number of CESs, starting from the first CES, which changed to the state of reality to arrive at the second CES during execution of the solution.

29. The method of claim 1 or 4 or 5 or 21, further comprising:

receiving, by the processor (4804) from the user, in the form of the natural language, one or more substitute local statements of intent as an alternative to one of the local statements of intent, wherein the one or more substitute local statements of intent are set in a state of potentiality; or

receiving, by the processor (4804) from the user, in the form of the natural language, one or more substitute sub-local statements of intent as an alternative to one of the sub-local statements of intent, wherein the one or more substitute sub-local statements of intent are set in a state of potentiality; or

receiving, by the processor (4804) from the user, in the form of the natural language, details of a substitute entity as an alternative to one of the entities, wherein the substitute entity is set in a state of potentiality; or

receiving, by the processor (4804) from the user, in the form of the natural language, details of one or more substitute attributes as an alternative to one of the attributes, wherein the one or more substitute attributes are set in a state of potentiality.

30. The method of claim 1 or 4 or 5 or 21, further comprising:

receiving, by the processor (4804) from the user, in the form of the natural language, details of a negative entity, wherein the negative entity corresponds to an entity

that is absent for execution of the solution, wherein the negative entity is not included in the set of CESs.

31. The method of claim 1, further comprising:

determining, by the processor (4804), a first local statement of intent and a second local statement of intent as entangled local statements of intent, wherein the trigger CES of the first CES is in a relationship with a not-trigger CES of the second local statement of intent to advance the execution of the solution based on the trigger CES of the second local statement of intent.

32. The method of claim 1, further comprising:

determining, by the processor (4804), a first local statement of intent and a second local statement of intent as entangled local statements of intent, wherein the trigger CES of the first CES is in a relationship with the trigger CES of the second local statement of intent to advance the execution of the solution based on the trigger CES the first local statement of intent or the second local statement of intent.

33. The method of claim 1 or 4 or 5 or 21, wherein the one or more attributes include a constraint or a mathematical form of mean, median, mode, ratio, range, variance, standard deviation, or a combination thereof, applied on the value received for the one or more associated entities during execution of the solution.

34. The method of claim 1 or 4 or 5 or 21, further comprising performing, by the processor (4804), analytics, drawing inferences, generating repots, or a combination thereof, based on a first number of CESs that are in the state of potentiality and a second number of CESs that are in the state of reality, at a time instance, during execution of the solution.

35. A computing device (4802) for building a computer-implemented solution using a natural language understood by users and without using programming codes, the computing device (4802) comprising:

a processor (4804); and

a memory (4806) coupled to the processor (4804), the memory (4806) comprising instructions executable by the processor (4806) to perform the method of one of claims 1 to 34.

36. A non-transitory computer-readable medium having stored thereon instructions for building a computer-implemented solution using a natural language understood by users

and without using programming codes comprising machine executable instructions which when executed by a processor (4804), causes the processor (4804) to perform the method of one of claims 1 to 34.

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