CLAIMS

What is claimed is:

1. A system for personalized super intelligence (PSI) using intelligent agents to develop and continuously improve PSI for a human user utilizing a computer system, and additional PSIs, all electronically communicating over a collective network, the system comprising:

a computer system comprising: a processor, a computer-readable storage medium, and program instructions stored on the computer-readable storage medium being executable by the processor to cause the computer system to:

implement a base-level Artificial Intelligence (AI) agent on the computer system, wherein the base-level AI agent has already been customized;

collect media information related to the human user;

analyze the media information;

transform the analyzed media information into training data sets;

differentially weighting the transformed training data sets;

add knowledge modules to the weighted transformed training data sets;

locate new sources of data to include to the weighted transformed training data sets;

apply the weighted transformed training data sets to the base-level AI agent to create a personalized PSI; and

communicate the personalized PSI with multiple additional PSIs using the network to enable community-based safety features from multiple additional PSIs to the personalized PSI.

2. A method for personalized super intelligence (PSI) using intelligent entities to develop and continuously improve PSI, wherein the intelligent entities including a human user utilizing a computer system, additional Artificial Intelligence (AI) agents, and additional PSIs, all electronically communicating over a collective network, the method comprising the steps of:

acquiring a base-level AI agent that has previously been customized;

collecting media information related to the human user;

analyzing the media information;

transforming the analyzed media information into training data sets;

differentially weighting the transformed training data sets;

adding knowledge modules to the weighted transformed training data sets;

locating new sources of data to include to the weighted transformed training data sets;

applying the weighted transformed training data sets to the base-level AI agent to create a user PSI; and

communicating the user PSI with multiple additional PSIs using the network to enable community-based safety features from the additional PSIs to the user PSI.

3. The method of claim 2 further comprising the step of obtaining, by the human user, by the base-level AI agent or by the user PSI, any one of or any combination of new training datasets and training modules to be added to the weighted transformed training data sets.

4. The method of claim 2 further comprising the step of monetizing the user PSI by enabling other human users or other PSIs to access and use the weighted transformed training data sets of the personalized PSI.

5. The method of claim 2, wherein the base-level AI agent is any one of a pre-trained Large Language Model (LLM), other tunable and trainable AI agent, and one or more customized AIs from other human owners.

6. The method of claim 2, wherein the media information is any one of or any combination of videos of the human user, videos of people and topics related to the human user, photographs or images of the human user, photographs or images of people and topics related to the human user, writings related to the human user, journals related to the human user, blogs related to the human user, posts related to the human user, tweets related to the human user, emails related to the human user, podcasts related to the human user, recordings related to the human user, auditory content related to the human user, auditory content of people and topics related to the human user, data collected by third-party vendors that are related to the human user, websites related to the human user, apps related to the human user, online information related to the human user, social media information related to the human user, and other AI agents related to the human user.

7. The method of claim 2 further comprising the step of providing permission to one or more social media platforms allowing social media content related to the human user to be accessible by the base-level AI agent or the user PSI.

8. The method of claim 2, wherein the analyzing of the media information further includes the annotating and categorizing the media information.

9. The method of claim 8, wherein the analyzing of the media information utilizes one or more algorithms including any one of or any combination of transformer algorithms, deep learning algorithms, transcription algorithms, content and sentiment analysis and summarization, LLMs, and crowdsourced and crowd-supervised human.

10. The method of claim 2 further comprising the step of compensating, by the human user, one or more human workers on a crowd-sourcing website to review the training data sets, or to suggest refinements to the training data sets.

11. The method of claim 2, wherein the step of weighting the transformed training data sets is performed by adjusting a weight value of any one of the transformed training data sets by the human user utilizing an interface on the computer system that is implementing the base-level AI agent.

12. The method of claim 2, wherein the step of weighting the transformed training data sets is performed by any one of or any combination of the additional AI agents, the additional PSIs, and additional human workers each utilizing a computer system.

13. The method of claim 2 further comprising the step of inputting ethical values to the training data sets by providing a series of interactive dialogs to the human user, the interactive dialogues include predetermined ethical scenarios.

14. The method of claim 2 further comprising the step of mixing the weights of the transformed training data sets to improve the LLM of the base-level AI agent.

15. The method of claim 2 further comprising the step of authorizing, by the human user utilizing an interface of the base-level AI agent, the LLM to download data and automatically add the data to the training data set or to create a new training data set.

16. The method of claim 15, wherein the downloaded data is provided to the human user by way of the computer system for approval by the human user prior to adding to the training data set or to the creation of the new training data set.

17. The method of claim 2 further comprising the step of cloning the user PSI into one or more cloned user PSIs.

18. The method of claim 17 further comprising the step of training each of the cloned PSIs using training data sets different from each other, wherein the training data sets of each of cloned PSIs each having weights different from each other.

19. The method of claim 18 further comprising the step of combining the weighted training data sets from the user PSI and one or more of the cloned PSIs to create a combined training data set.

20. The method of claim 18 further comprising the step of offering the any one of or any combination of the weighted training data sets of any one of or any combination of the cloned PSIs to any one of the additional AI agents and the additional PSIs for use in the training.

21. The method of claim 18 further comprising the step of training the user PSI with the weighted training data sets of any one of or any combination of the cloned PSIs.

22. The method of claim 2 further comprising the step of executing, by the human user utilizing the computer system, an automatic process of the user PSI to perform tasks without intervention by the human user unless predetermined parameters are triggered.

23. The method of claim 2 further comprising the step of monitoring, by the base-level AI agent or the user PSI, an activity against a list of prohibited activities and triggering an intervention activity that is provided to the human user.

24. The method of claim 2 further comprising the step of detecting, by the base-level AI agent or the user PSI, if a gap in the training data sets exists, and if so, then generating interactions with the intelligent entities to obtain data that fills the gaps.

25. The method of claim 24, wherein the interactions between more than one of the intelligent entities is performed in parallel.

26. The method of claim 2 further comprising the step of providing a task to a plurality of the additional AI agents or the additional PSIs on the network, providing a result to the task from each of the additional AI agents or the additional PSIs, and determining a winning result from the results.

27. The method of claim 26, wherein each of the additional AI agents or the additional PSIs works on the task independently and in parallel with each other.

28. The method of claim 26, wherein one of one or more of the additional AI agents or the additional PSIs are un-customized, and one or more of the additional AI agents or the additional PSIs are customized.

29. The method of claim 26 further comprising the step of utilizing training data sets of the additional AI agents or the additional PSIs with the winning result in the customization of the user base-level AI agent or the user PSI.

30. The method of claim 26 further comprising the step of utilizing a universal problem solving architecture by each of the additional AI agents or the additional PSIs on the task, respectively.

31. The method of claim 2 further comprising the step of using a set of safety or ethical rules that each of the user base-level AI agent, the user PSI, the additional AI agents and the additional PSIs agrees to use.

32. The method of claim 2, wherein each of the additional AI agents or the additional PSIs have a set of weights that encode a knowledge of the additional AI agents and the additional PSIs, respectively.

33. The method of claim 2, wherein records of activity is available to any computer device on the network.

34. The method of claim 2 further comprising the step of providing a task to the user PSI that is configured to create a hallucination by an LLM of the PSI.

35. The method of claim 2 further comprising the step of providing a task to the user PSI, wherein the task is a random permutation of an existing standardized task, or a dynamically created task based on changing conditions.

36. A method for personalized super intelligence (PSI) using intelligent entities to develop and continuously improve PSI, wherein the intelligent entities including a human user utilizing a user computer system, additional Artificial Intelligence (AI) agents, and additional PSIs, all electronically communicating over a collective network, the method comprising the steps of:

creating a user PSI by:

acquiring a base-level AI agent that has previously been customized;

collecting media information related to the human user;

analyzing the media information;

transforming the analyzed media information into training data sets;

differentially weighting the transformed training data sets; and

applying the weighted transformed training data sets to the base-level AI agent to create a user PSI, wherein the base-level AI agent;

communicating the user PSI with multiple additional AI agents or additional PSIs using the network to enable community-based safety features, wherein the user PSI and the additional AI agents or the additional PSIs each agree to use a set of rules relating to safety or ethics;

recording all actions by the user PSI and the additional AI agents or the additional PSIs in an auditable form on any one of or any combination of a central computer system on the network, the user computer system, the additional AI agents and the additional PSIs; and

monitoring that each of the actions follow the set of rules, and flagging any of the actions that do not follow the set of rules.

37. The method of claim 36, wherein the recording of the actions utilizes blockchain technology.

38. The method of claim 36, wherein the recording of the actions utilizes a universal problem solving framework to record any one of or any combination of goals, sub-goals, problem states, and steps taken in a problem solving or cognitive activity that takes place on the network.

39. The method of claim 36, wherein the recorded actions are changed only when a majority of the additional AI agents or the additional PSIs on the network provide an authorization for the change.

40. The method of claim 36 further comprising the step of halting any of the flagged actions and applying a preventive operation to prevent a re-occurrence of the flagged action.

41. The method of claim 40 further comprising the step of identifying one or more of the additional AI agents or the additional PSIs that provided the flagged action and controlling a participation of the identified AI agent or PSI on the network.

42. The method of claim 36 further comprising the step of analyzing the flagged action and adjusting any one of or any combination of the training data sets, the set of rules, and attributes of the network based on the analyses of the flagged action.

43. A method for personalized super intelligence (PSI) using intelligent entities to develop and continuously improve PSI, wherein the intelligent entities including a human user utilizing a user computer system, additional Artificial Intelligence (AI) agents, and additional PSIs, all electronically communicating over a collective network, the method comprising the steps of:

creating a user PSI by:

acquiring a base-level AI agent that has previously been customized;

collecting media information related to the human user;

analyzing the media information;

transforming the analyzed media information into training data sets;

differentially weighting the transformed training data sets; and

applying the weighted transformed training data sets to the base-level AI agent to create a user PSI, wherein the base-level AI agent;

providing a task to the user PSI and to a plurality of additional AI agents or additional PSIs on the network;

providing a result to the task from each of the user PSI and the additional AI agents or the additional PSIs; and

determining a winning result from the results.

44. The method of claim 43, wherein each of the additional AI agents or the additional PSIs works on the task independently and in parallel with each other.

45. The method of claim 43, wherein one of one or more of the additional AI agents or the additional PSIs are un-customized, and one or more of the additional AI agents or the additional PSIs are customized.

46. The method of claim 43 further comprising the step of utilizing training data sets of the additional AI agents or the additional PSIs with the winning result in the customization of the user base-level AI agent or the user PSI.

47. The method of claim 43 further comprising the step of utilizing a universal problem solving architecture by each of the additional AI agents or the additional PSIs on the task, respectively.

48. The method of claim 43 further comprising the step of using a set of safety or ethical rules that each of the user base-level AI agent, the user PSI, the additional AI agents and the additional PSIs agrees to use.

49. The method of claim 43, wherein each of the additional AI agents or the additional PSIs have a set of weights that encode a knowledge of the additional AI agents and the additional PSIs, respectively.

50. The method of claim 43, wherein records of activity is available to any computer device on the network.

51. The method of claim 43 further comprising the step of providing a task to the user PSI that is configured to create a hallucination by an LLM of the PSI.

52. The method of claim 43 further comprising the step of providing a task to the user PSI, wherein the task is a random permutation of an existing standardized task, or a dynamically created task based on changing conditions.

53. The method of claim 43, wherein the network includes the user PSI and the additional AI agents or the additional PSIs, and one or more additional networks each including AI agents or PSIs.

54. A method for personalized super intelligence (PSI) using intelligent entities to develop and continuously improve PSI, wherein the intelligent entities including a human user utilizing a user computer system, additional Artificial Intelligence (AI) agents, and additional PSIs, all electronically communicating over a collective network, the method comprising the steps of:

a) creating a user PSI by:

acquiring a base-level AI agent that has previously been customized;

collecting media information related to the human user;

analyzing the media information;

transforming the analyzed media information into training data sets;

differentially weighting the transformed training data sets; and

applying the weighted transformed training data sets to the base-level AI agent to create a user PSI, wherein the base-level AI agent;

b) communicating the user PSI with multiple additional AI agents or additional PSIs using the network to enable community-based safety features, wherein the user PSI and the additional AI agents or the additional PSIs each agree to use a set of rules relating to safety or ethics;

c) performing a baseline performance of the user PSI and the additional AI agents or the additional PSIs utilizing a variety of standardized tasks;

d) creating one or more versions of the user PSI each different from each other;

e) determining a performance of the network of the user PSI, the versions of the user PSI, and the additional AI agents or the additional PSIs;

f) assigning a credit value or a blame value to one or more elements that resulted in superior or inferior performance of the baseline performance; and

g) determining which of the elements are superior elements that resulted in an increase in performance and retaining the superior elements for future use.

55. The method of claim 54 further comprising the step of determining which of the elements are inferior elements that resulted in a decrease in performance and changing an attribute of the inferior elements.

56. The method of claim 55 further comprising the step of repeating step c) utilizing the superior elements and the changed inferior elements.

57. The method of claim 55 further comprising the step of repeating steps c)-g) until no more superior elements are detected.

58. The method of claim 54, wherein the network includes the user PSI and the additional AI agents or the additional PSIs, and one or more additional networks each including AI agents or PSIs.

59. The method of claim 54 further comprising the step of recording all actions by the user PSI and the additional AI agents or the additional PSIs in an auditable form on any one of or any combination of a central computer system on the network, the user computer system, the additional AI agents and the additional PSIs.

60. The method of claim 54, wherein the standardized tasks are any one of or any combination of problem solving tasks using a shared universal problem solving architecture, ethical and safety scenarios designed to determine whether any one of or any combination of the use PSI, and the additional AI agents or the additional PSIs behaves safely and ethically, standardized intelligence tests and assessments that have been designed to test an intelligence of the intelligent entities, tasks configured to measure a degree of “hallucination” or production of erroneous results, tasks that come from a variety of domains of expertise, tasks that incorporate different cultural or group norms for behavior, tasks that are random permutations of existing standardized tasks, and tasks that are dynamically created based on changing conditions.

61. The method of claim 54, wherein the versions of the user PSI are created by any one of or any combination of: human adjustment of parameters, weights or data encoding a knowledge of the user PSI; autonomous adjustment of the parameters, weights or data encoding the knowledge the user PSI; random variation of the parameters, weights or data encoding the knowledge of the user PSI; subjecting the user PSI to different training regimes or amounts of training; creating the different versions of the user PSI sequentially, and creating the different versions of the user PSI in parallel.

62. The method of claim 54, wherein the versions of the user PSI are created by directly combining the parameters, weights or data encoding the knowledge of multiple PSIs by computing average weight values, with weighting more recently created or more complex versions of the user PSI more than older or less complex versions of the user PSI.

63. The method of claim 54, wherein the versions of the user PSI are created by random or deliberate methods for estimating which of the versions are to have beneficial results, wherein the

methods for estimating being any one of or any combination of comparing a degree of match between a knowledge of one of the versions of the user PSI and a statistical frequency of tasks that are submitted to the network, comparing an overlap in knowledge of the additional PSIs that are different on the network such that changes are made to optimize a performance of groups of the versions of the user PSI given a characterization of an entire network knowledge compared to a characteristics of a problem that the network is expected to solve, and using hill climbing or gradient descent for optimizing parameters of any one of the versions of the user PSI.

64. A method for personalized super intelligence (PSI) utilizing a single computerized intelligent system including multiple Artificial Intelligence (AI) agents residing in the single computerized intelligent system, the method comprising:

acquiring a base-level AI agent that has previously been customized, the base-level AI agent resides in a single computerized intelligent system;

collecting media information related to a human user associated with the base-level AI agent;

transforming the analyzed media information into training data sets;

differentially weighting the transformed training data sets;

applying the weighted transformed training data sets to the base-level AI agent to create a user PSI; and

communicating the user PSI with multiple additional PSIs to enable community-based safety features from the additional PSIs to the user PSI.

training a base Large Language Model (LLM) of an AI agent with guardrails including attributes associated with any one of or any combination safety, ethics and knowledge, the AI agent residing in a single computerized intelligent system;

customizing the base LLM to an ethics profile;

combining ethical information from multiple additional AI agents residing in the single computerized intelligent system, the additional AI agents being different to that of the AI agent, the additional AI agents residing in the single computerized intelligent system;

refining a set of values of the base LLM based on problem solving of a problem request; and

updating the base LLM with the combined ethical information and the refined set of values thereby allowing for a scalable AGI.