CLAIMS

1. A data processing method for performance assessment of at least one entity, the method comprises the step of:

receiving a plurality of scores against different growth dimensions for at least one entity by one or more scorers;

computing by a processor an aggregate of the plurality of scores in a role of the one or more scorers and at least one growth dimension level;

aggregating by an AI engine, the plurality of scores based on role types of the at least one entity to generate a data matrix of scores;

computing by the processor, a compounded score for the entity using a plurality of data models and the data matrix of scores to assess performance of the entity wherein the data matrix scores include a work score, a great experience score and a critical driver score;

functioning a performance assessment application, on a seeded data and generating mapping structures or codes on basis of the seeded data thereby enabling real time processing of received entity data from scorers within the performance assessment application; and

automatically reconfiguring an underlying seeded mapping structure of the performance assessment application on introduction of any new or modified assessment parameter.

2. The method of claim 1 wherein the role types include mandatory and non-mandatory roles wherein scores provided by mandatory and non-mandatory roles are aggregated separately.

3. The method of claim 1 wherein the engine is configured to determine an overall score of the entity after every event.

4. The method of claim 1 wherein the scores are real-time multi-dimensional feedback obtained from scorers for every event in which the at least one entity is involved based on role in the event.

5. The method of claim 1 further comprises storing a set of rules or protocols in a memory to be executed by the AI engine coupled to the processor for generating the

plurality of data models associated with the entity data to identify at least one model for enabling computation of the combined score.

6. A data processing system for performance assessment of at least one entity, the system comprises:

an electronic user interface configured for operating on a configurable performance assessment application;

at least one entity database configured for storing a plurality of entity data attributes and a set of associated parameters of the entity data;

at least one data model database configured for storing a plurality of data models related to growth dimension parameter and associated score types;

a controller encoded with instructions enabling the controller to function as a bot for facilitating aggregation of a plurality of scores based on role types of the at least one entity to generate a data matrix of scores; and

a processor coupled to the controller and an AI engine for computing a compounded score of the entity based on processing of the data matrix and the data models to assess performance of the entity wherein the data matrix scores include a work score, a great experience score and a critical driver score;

characterized in that

the performance assessment application functions on a seeded data and generates mapping structures or codes on basis of the seeded data thereby enabling real time processing of received entity data from scorers within the application;

further characterized in that

the user interface and an underlying logic of the performance assessment application is based on seeded mapping, the system automatically reconfigures the underlining seeded mapping structure of the performance assessment application based on introduction of any new or modified assessment parameter.

7. The system of claim 6 wherein the artificial intelligence-based AI engine is configured for processing the plurality of data models associated with the growth dimension parameter and score types for the entity to identify at least one data model to process the sores based on the data matrix.

8. The system of claim 7 further comprises a natural language processing (NLP) server configured for processing protocols based on the data models to determine the compounded score.

9. The system of claim 7 wherein a prediction algorithm enables computation of the critical drivers score for performance assessment of the entity.

10. The system of claim 7 wherein a set of rules or protocols is stored in a memory to be executed by the AI engine coupled to a processor for generating the plurality of data models associated with the growth dimension parameter and the score types to identify at least one model for processing.

11. A computer-readable non-transitory storage medium storing executable program instructions for data processing to assess performance of an entity by a configurable application which when executed by a computer cause the computer to perform operations comprising:

receiving a plurality of scores against different growth dimensions for at least one entity by one or more scorers;

computing by a processor an aggregate of the plurality of scores in a role of the one or more scorers and at least one growth dimension level;

aggregating by an AI engine, the plurality of scores based on role types of the at least one entity to generate a data matrix of scores;

computing by the processor, a compounded score for the entity using a plurality of data models and the data matrix of scores to assess performance of the entity wherein the data matrix scores include a work score, a great experience score and a critical driver score;

the performance assessment application functions on a seeded data and generates mapping structures or codes on basis of the seeded data thereby enabling real time processing of received entity data from scorers within the application; and

the user interface and an underlying logic of the performance assessment application is based on seeded mapping wherein on introduction of any new or modified assessment parameter the system automatically reconfigures the underlining seeded mapping structure of the application.

12. The computer-readable storage medium of claim 11 further comprises executable program instructions in a memory to be executed for generating the plurality of data models.

13. The computer-readable storage medium of claim 12 further storing instructions that cause the processor to automatically add storage for storing the data models.