CLAIMS

1. A server for tracking progress of a construction project, the server comprising:

a memory for storing instructions;

a communication interface configured to receive input from a first client device and a second client device connected to the server; and

a processor for executing the stored instructions and configured to:

receive, from the first client device connected to the server, a first input associated with one of the following: a project, a block, a floor or a unit;

generate, by the server, a location matrix corresponding to the first input, wherein the location matrix includes one of the following: a project matrix, a block matrix, a floor matrix or a unit matrix;

receive, from the first client device, a second input associated with configuring a task checker, wherein the second input includes a plurality of tasks corresponding to the generated location matrix, a planned start date and a planned completion date;

generate, by the server, the task checker configured for a user to complete the plurality of tasks by the planned start date and the planned completion date;

send, by the server, the task checker via a notification to the second client device;

receive, from the second client device, a third input including a status of the plurality of tasks and an actual start date and an actual end date;

determine, by a matrix algorithm on the server, a current status indicator indicative of a current progress of the location matrix based on the third input and a weightage assigned to each of the plurality of tasks, wherein the weightage for each of the plurality of tasks represents a proportional contribution of that task to completion of the location matrix, and

wherein the current status indicator provides an indication of an actual progress of the location matrix as a percentage of a planned progress of the location matrix derived from the planned start date and the planned completion date.

2. The server according to claim 1, wherein the processor is further configured to:

transmit, by the server, a notification to the first client device based on the third input received by the second client device, wherein the notification includes the current status indicator.

3. The server according to claim 1, wherein the current status indicator is an indication of the current status of the location matrix versus a planned status of the location matrix.

4. The server according to claim 3, wherein the planned status of the location matrix is based on the planned start date and the planned end date of the location matrix.

5. The server according to claim 1, wherein the first input further includes a request to create, view or manage a task.

6. The server according to claim 1, wherein the location matrix comprises a location matrix hierarchy associated with one or more components of a building specification, wherein the location matrix hierarchy includes at least one of the following: a construction type, a block type, a floor type, a unit type, and a subunit type.

7. The server according to claim 1, wherein the floor matrix includes an aggregate number of floors within the building.

8. A method for tracking progress of a construction project, the method comprising:

receiving, from a first client device connected to the server, a first input associated with one of the following: a project, a block, a floor or a unit;

generating, by the server, a location matrix corresponding to the first input, wherein the location matrix includes one of the following: a project matrix, a block matrix, a floor matrix or a unit matrix;

receiving, from the first client device, a second input associated with configuring a task checker, wherein the second input includes a plurality of tasks corresponding to the generated location matrix, a planned start date and a planned completion date;

generating, by the server, the task checker configured for a second user to complete the plurality of tasks by the planned start date and the planned completion date;

sending, by the server, a check list via a notification to a second client device;

receiving, from the second client device, a third input including a status of the plurality of tasks and an actual start date and an actual end date;

determining, by a matrix algorithm on the server, a current status indicator indicative of a current progress of the location matrix based on the third input and a weightage assigned to each of the plurality of tasks, wherein the weightage for each of the plurality of tasks represents a proportional contribution of that task to completion of the location matrix, and

wherein the current status indicator provides an indication of an actual progress of the location matrix as a percentage of a planned progress of the location matrix derived from the planned start date and the planned completion date.

9. The method according to claim 8, wherein the processor is further configured to:

transmit, by the server, a notification to the first client device based on the third input received by the second client device, wherein the notification includes the current status indicator.

10. The method according to claim 8, wherein the current status indicator is an indication of the current status of the location matrix versus a planned status of the location matrix.

11. The method according to claim 10, wherein the planned status of the location matrix is based on the planned start date and the planned end date of the location matrix.

12. The method according to claim 8, wherein the first input further includes a request to create, view or manage a task.