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Latest innovations in field of BIM

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Latest innovations in BIM include some special features in the advanced versions of software like Revit. With the inventions of software with higher version, there are innumerable enhancements in the BIM based modeling technology which further results into error free projects or zero error projects. Projects which are carried out with such advanced features of higher version of softwares are more accurate and with better visualization than projects done with traditional modeling. Some of the special features include better visualization, better rendering, online helps and much more. Thus day by day there are innovations in BIM in the field of core designing, modeling, quality of documentation, design analysis, application of green building concepts etc. Few of the latest innovation in the field of BIM are mentioned below:

1. Innovation in the field of visualization:

In the higher version of revit software there are enhancements in the visual quality of 3D models which gives a highly photo realistic view of the model along with proper control over the colour appearance of the model. It also includes rich rendering and background graphics which makes the model more highlighted as per as presentation of model is concerned.

2. Proper Dimensioning:

This includes special commands and tools for accurate dimensioning which makes the created model looks perfect. One of the salient features of the advanced version of revit includes smart individual selection tool which helps in selection an individual segment of a multi segment which can be edited individually.

3. Data Exchangeability enhancements:

Data exchangeability tools helps in importing and exporting of files with different extensions like .dwg, .dwf etc. and various software like bently, microstation etc. In this way it provides flexibility in exchanging data between different softwares and also amongst different files with different extensions and makes project task easy.

4. Enhancements in building construction modeling:

This feature provides flexibility of splitting, merging, including, excluding building components individually. This further helps to make the project more accurate and project work can be completed much faster using these tools.

5. Addition of 4D and 5D features in BIM models:

With the invention of 4D and 5D features in BIM there are two major benefits that are saving in time and cost of the project. 4D feature in BIM means adding cost estimation of project to 3D model while 5D feature refers to addition of Time analysis to 4D models in the project.

In this way there are number of innovations in the BIM technology which are playing a major role in cost cutting of the projects.

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