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SOFTWARE DEVELOPMENT

“As the world became more and more dependent on technology with each passing day, software automatically became an important organ for development. Since software is needed almost everywhere today, its development is a highly intelligent and precise process, involving various steps. Known as software development life cycle, these steps include planning, analysis, design, development & implementation, testing and maintenance. These steps go on to create the perfect software for clients.”

It's pretty evident that technology is accelerating at a rapid pace and humans are becoming further dependent on it for every purpose. And with every new day, software development is becoming more and more crucial since the demand for software is fast rising from every corner imaginable. In fact, almost every machine that we use can be a by-product of some software empowering it. And going by the recent trends in the market, software development in India is quite a bustling scene, what with India providing a huge chunk of software intelligence that's required to make this process successful.



The process of software development services in India goes through a series of stages in step wise fashion that almost every developing company follows. Known as the 'software development life cycle,' these six steps include planning, analysis, design, development & implementation, testing & deployment and maintenance. Let's study each of these steps to know how the perfect software is developed.

1. **Planning:** Without the perfect plan, calculating the strengths and weaknesses of the project, development of software is meaningless. Planning kicks off a project flawlessly and affects its progress positively.

2. **Analysis:** This step is about analyzing the performance of the software at various stages and making notes on additional requirements. Analysis is very important to proceed further to the next step.

3. **Design:** Once the analysis is complete, the step of designing takes over, which is basically building the architecture of the project. This step helps remove possible flaws by setting a standard and attempting to stick to it.

4. **Development & Implementation:** The actual task of developing the software starts here with data recording going on in the background. Once the software is developed, the stage of implementation comes in where the product goes through a pilot study to see if it's functioning properly.

5. **Testing:** The testing stage assesses the software for errors and documents bugs if there are any.

6. **Maintenance:** Once the software passes through all the stages without any issues, it is to undergo a maintenance process wherein it will be maintained and upgraded from time to time to adapt to changes. Almost every software development Indian company follows all the six steps, leading to the reputation that the country enjoys in the software market today.



The cost of software development services in India is comparatively lower than in other countries, making it a much sought after destination today. **Custom software development in India** is a big hit among clients who are able to get their business needs fulfilled at highly cost-effective rates.

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