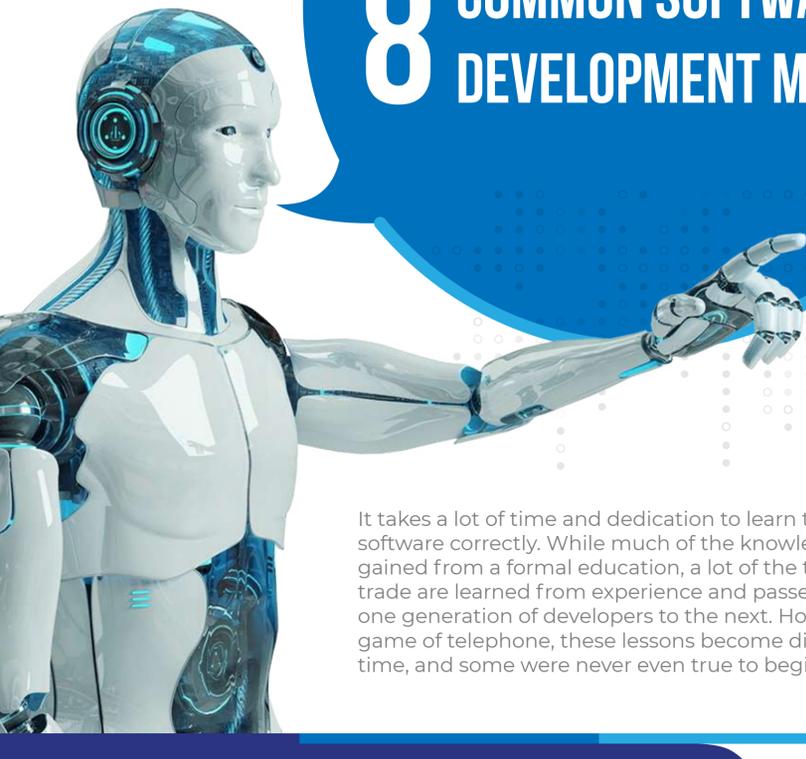


# 8 COMMON SOFTWARE DEVELOPMENT MYTHS



It takes a lot of time and dedication to learn to develop software correctly. While much of the knowledge can be gained from a formal education, a lot of the tricks of the trade are learned from experience and passed down from one generation of developers to the next. However, like a game of telephone, these lessons become diluted over time, and some were never even true to begin with.

## HERE ARE EIGHT COMMON SOFTWARE MYTHS AND THE TRUTH BEHIND EACH OF THEM:



### MYTH 1: SOFTWARE DEVELOPMENT IS A LINEAR PROCESS.

It's easy to think of software development as a methodical and predictable process, like following a blueprint.



**The Truth: Software development is often unpredictable.**

Software development actually requires a lot of creativity and flexibility. While it's good to have a plan, you will almost certainly need to adjust it as the project progresses and new variables arise.

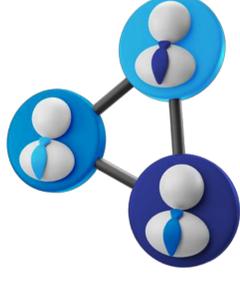
### MYTH 2: THE FASTER THE PROJECT IS FINISHED, THE BETTER.

It's natural to want to work efficiently, and many developers measure their efficiency in terms of time-to-delivery.



**The Truth: Rushing the project won't result in better software.**

Slow and steady wins the race, as they say. Pushing your team to their limits might get them to work faster, but it won't get them to build better software—just the opposite, in fact. Don't sacrifice quality for speed. You'll just create more maintenance costs for yourself down the line.



### MYTH 3: SOFTWARE DEVELOPMENT REQUIRES A LARGE TEAM.

Many people believe the more developers you have working on a project, the better the result will be.



**The Truth: Adding to your team mid-project will slow you down.**

Just like a kitchen with too many cooks, a project with too many developers will get over-complicated quickly. A larger team is more likely to have communication issues, and adding to the team mid-project will only slow you down.



### MYTH 4: IT'S EASY TO ADD FEATURES AS YOU GO.

Some developers try to make changes to the project as they go. Software is flexible, so adding new features should be easy, right?



**The Truth: Adding new features gets harder as the project progresses.**

It's better to limit major changes to the early stages of the project. Later in the development process, it will become much less feasible to incorporate new features without affecting factors like budget and time-to-market.

### MYTH 5: THERE'S A "BEST" PROGRAMMING LANGUAGE.

Developers commonly have a favorite programming language they'll swear is better than the rest.



**The Truth: Every programming language is best in certain situations.**

There isn't really a "best" programming language because each language is right for different situations. They aren't meant to be compared—they're meant to work together.



### MYTH 6: SOFTWARE DOESN'T NEED TO BE TESTED BEFORE IT'S FINISHED.

Some people don't think testing becomes relevant until after the project is finished.



**The Truth: Testing should be an ongoing part of the development process.**

Implementing quality assurance throughout the whole development process will result in a better outcome. Measuring performance as you go can reduce development time and increase the odds of a successful launch.

### MYTH 7: THE PROJECT ENDS WHEN THE PRODUCT IS DELIVERED.

There's a misconception that software development is just about building software and the job is over when the software is ready.



**The Truth: The majority of the work will happen after the software is done.**

In reality, 50-70% of the work that goes into the software will likely occur after it's been launched. Enterprise software exists in a living, changing ecosystem, and it's almost certainly going to need updates and bug fixes to keep it running optimally for the long haul.



### MYTH 8: BUILDING SOFTWARE IN-HOUSE IS BETTER THAN OUTSOURCING.

Outsourcing often gets a bad rap for being unreliable or taking away control.



**The Truth: Outsourcing development can ease strain on your resources.**

Companies actually have a lot to gain from outsourcing software development. A reputable nearshore software company like KNDCODE can deliver and maintain high-quality software while saving your company money and manpower.