

# PROJECT MANAGEMENT COSTS

FACTORS AFFECTING SOFTWARE DEVELOPMENT EXPENSES

The factors which affect software development expenses cannot be easily classified in a fixed list

We can only identify the key factors which affect the cost of a software development project

These key factors are:



## SIZE

If your software product is designed e.g. to be an app to work on different devices and display size then the bigger is the number of customizations the higher is the cost

# COMPLEXITY

Complexity in the development and testing

It is connected to the number of features and their complexity

Complexity is not only related to functionalities but also to front end design (e.g. custom fonts, images or icons)

It's good to consider that there may be several iterations and re-design attempts after giving feedback

Complexity increases if an integration with a third-party system is needed



# COMPLEXITY

If the integration has several options e.g. integrating more payment systems, the complexity increases even more  
Data migration is also a component that increases complexity  
You may need a simple script that will transfer data from one system to another  
Integration of multi steps processes with many details increase the complexity  
There will be a need to check if everything is working the right way to prevent any problems in the future

# BUDGET

The target of a project is to have costs that match the available agreed budget

You cannot spend more than you have

If you have a very limited budget and the number of features you want to have costs much more, there will be a need to set the priorities or find the money

Sometimes for the sake of higher productivity you should choose a particular technology or solutions

For example you might need to outsource some tasks to be faster and deliver better quality



## BUDGET

Define the budget before you begin a project

Discuss what you will do if the vendor requires more hours or more people for finishing the process

Be sure to include all the costs even they seem to be high