Perfectial
EMPOWER YOUR IDEAS

Proof of concept development

Proof of Concept demonstrates vividly whether an idea is technically viable how concept can be implemented.
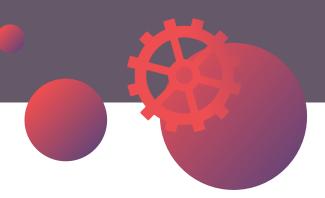
PoC at Perfectial

Through PoC development, you get a good grip on the technologies that are to be used to build the solution, get the idea of the app's features, better define expectations and, if needed, adjust requirements. It allows to flesh out hidden integration hurdles, mitigate development risks and ensure the concept's overall feasibility without dedicating much time and resourses.

PoC benefits:

- It has a fixed price.
- It helps assess the benefits to be gained by the concept's implementation.
- It attests to the merit or helps determine quickly the concept's flaws.
- It provides tangible evidence of the idea's technical viability.
- It helps achieve clarity as to the capabilities the solution will be designed to offer.
- It allows to de-risk investments.

PoC development approach:

Scope, objectives, and success criteria

This is where the project's team, newly organized, collectively determines of the course of action. The stage's deliverables will include documents that establish the PoC schedule and recourse commitments.

Main features validation

We'll determine and verify potential use cases for functionalities to be engineered within the scope of PoC. Deliverables will include prioritization of functionalities across use cases and revised milestones.

Configuration of the needed infrastructure

We'll perform tests to replicate operational environment, figure out steps for use cases and come up with the solution design. The main deliverable here will be an Implementation plan.

Definition of positive and negative test scenarios

We'll work on test cases and run test scripts while recording the data about failed tests and skipped test steps. Deliverables: test results.

Validation of PoC results

We check the outcomes against the success criteria and, based on these findings, help the client to arrive at decisions as to the further execution plan. Deliverables: an evaluation model and the basis for an execution plan.

PoC goals:

- Mitigate technical risks early on, drop any substandard approaches;

- Compare feasibility and benchmark against performance requirements;

- Eliminate uncertainty as to the requirements and thus avoid misinterpretations;

- Assess carefully the capabilities and limitations of certain technologies before settling on a specific architecture;

- Confirm the project's feasibility.

Why choose Perfectial?

- Dedicated R&D department.

- A diversified pool of talent and a wealth of experience in PoC development.

- Streamlined PoC processes that'll help you find optimal ways to achieve desired outcomes quickly.

- Structured, transparent approach to reporting; you'll regularly get summaries of the PoC outcomes along with descriptions of how our findings might impact the requirements.

- We'll run workflows in the context of your business environment which will help identify and address any perceived risks.