



Software for humans

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Pricing plan

Fixed Price contract with analysis in the Waterfall methodology

The **Waterfall** methodology is a solution for projects with rigid acceptance procedures and a strictly defined budget. It's based on a sequential approach to software development. In this methodology, every project phase must be completed before the next one begins (analysis, design, implementation, testing, deployment, and maintenance). It allows you to define the scope and avoid unpredictable additional costs precisely.

The analysis phase is critical in the Waterfall methodology. It involves creating technical documentation and identifying potential problems before the implementation starts. This approach allows for precise budget planning and ensures the project meets all previously defined acceptance criteria. Identifying potential issues in advance reduces the risk of costly changes or potential delays in the project.



Strengths

- Clearly defined functional requirements before the start of design phase.
- Knowing the exact budget (after analysis).
- Binding project documentation and technical specification you can always go back to it.
- Delivery schedule based on specific dates, the ability to plan work despite numerous changing factors.



Opportunities

- Determining the minimum functional requirements at the analysis stage defines the minimum scope of work.
- Possibility to discover new relations between business-level modules and discovering market niches.
- Preparing technical documents (from the analysis stage) accelerates the development of solid documentation for new users.



Weaknesses

- Intensive workshops related to analysis of a high level of abstraction.
- Without a preliminary analysis, it is impossible to assess the costs of implementing all business requirements.
- The findings of the analysis may require a revision of the client's original budget assumptions.
- The acceptance procedure is rigidly defined, and there is no concurrent implementation of different stages.



Threats

- Insufficient customer involvement during the analysis stage may produce false assumptions.
- Relying on assumptions rather than the actual process could result in possible discrepancies in documentation.
- Halting a phase of the process can lead to a blockade of the entire project.





