



Typical software development stages in start-ups

#	Stage	Details
1	Ideation	- involves brainstorming and researching new ideas, technologies, and user needs - use this time to explore innovative solutions and identify opportunities for growth
2	Requirements gathering	- gather detailed requirements from stakeholders, including product managers, engineers, and designers - ensure that everyone is aligned on the project's goals and objectives
3	Design	- creates wireframes, prototypes, and high-fidelity designs to visualize the product's UI/UX - ensure that the design meets user needs and aligns with brand guidelines
4	Technical design	- the engineering team creates a technical design document outlining the architecture, components, and infrastructure required to build the product - ensure that the product is scalable, maintainable, and aligned with engineering principles
5	Implementation	- the development team writes code, builds the product, and implements features - use an iterative approach, focusing on delivering small, incremental pieces of value to users while minimizing upfront costs



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6	Testing	- testing is a critical stage in software development process - use automated testing tools, manual testing, and exploration approaches to validate the product's behavior and identify defects early on
7	Code review	- the code review process involves a thorough examination of code quality, adherence to coding standards, and alignment with engineering principles - ensure that the code is maintainable, scalable, and meets user needs
8	Deployment	- the product is deployed to production, where it's made available to users - use a combination of automated deployment tools and manual processes to ensure smooth deployment and minimize downtime
9	Post-deployment review	- the development team conducts post-deployment reviews to identify lessons learned, areas for improvement, and opportunities for growth - refine the product and inform future development priorities
10	Iteration and refining	- software development process is iterative and continuous - regularly refine the product based on user feedback, analytics data, and market trends, ensuring that the products remain relevant, engaging, and effective