



Workflow stages for software development in start-ups

#	Stage	Details
1	Ready for development	<ul style="list-style-type: none">- the requirement has been fully understood and documented- the stakeholders have given their approval for the work to proceed- the development team has reviewed and confirmed the understanding of the requirements
2	Development	<ul style="list-style-type: none">- writing new code- integrating with existing systems or features- testing and debugging- refactoring and improving code quality
3	Ready for code review	<ul style="list-style-type: none">- the developer has completed the development work and the code is stable- automated tests have been run, and manual testing has been performed- the code meets the requirements and is free from major issues
4	Code review	<ul style="list-style-type: none">- reviewing code to ensure it meets requirements and standards- identifying issues, defects, or areas for improvement- providing constructive feedback to improve the code quality- verifying that the code is correct, complete, and follows best practices
5	Ready for testing	<ul style="list-style-type: none">- the code has been completed and reviewed- automated tests have been run to verify the functionality of the code- manual testing has been planned and scheduled for the next step
6	Testing	<ul style="list-style-type: none">- testers plan and prioritize tests to be executed- tests are written, including unit tests, integration tests, and UI tests- automated tests and manual tests are executed against the codebase- testers document and report test results, highlighting defects, errors, or any issues found during testing- the development team addresses defects reported by testers, fixing them before the next release



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7	Ready for deploy	<ul style="list-style-type: none">- the codebase has been thoroughly tested, reviewed, and validated against the requirements- all critical defects have been addressed, and the defect tracking process is complete- the code has undergone significant changes, and stability testing has ensured that no major issues exist- performance, security, and scalability tests have been executed to ensure the software meets the required standards
8	Deploy	<ul style="list-style-type: none">- all necessary tests have been completed, and the software has been thoroughly validated against requirements- the environment is prepared for deployment, including configuration, setup, and any necessary scripts or tools- a final release candidate is created, which represents the latest version of the software before it's released to production- plans are made for post-release activities, such as monitoring, maintenance, and updates
9	Ready for testing on prod	<ul style="list-style-type: none">- the codebase has undergone rigorous testing, including unit tests, integration tests, performance testing, security testing, and user acceptance testing- the software meets all quality standards and requirements, ensuring it is stable, reliable, and efficient- performance issues have been identified and addressed through optimization techniques, such as caching, indexing, and queuing- security vulnerabilities have been patched, and security best practices have been implemented to ensure the software is secure
10	Testing on prod	<ul style="list-style-type: none">- the software is deployed to production environments, making it available for users- end-users test the software to identify any issues, bugs, or usability problems- quality assurance teams validate that the software meets all quality standards and requirements- automated testing tools are used to execute tests and ensure that the software is working as expected



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11	Need fix after code review	<ul style="list-style-type: none">- resolving bugs or defects found during testing- addressing technical debt or refactoring code for better maintainability- implementing suggested improvements or enhancements
12	Need fix after testing	<ul style="list-style-type: none">- the development team indicates that the code needs to be updated or modified to resolve these issues and pass the tests