

“Open Source Software Laboratory”
Code: 4IT475

Submitted by

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DEPARTMENT OF INFORMATION TECHNOLOGY
WALCHAND COLLEGE OF ENGINEERING, SANGLI
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18.a List foss licenses for startup with minimum budget

Traditional Software Development:

1. GNU General Public License (GPL):
Requires derivative works to be open source.
Suitable for projects contributing to the open-source community.
2. MIT License:
Permissive license allowing maximum flexibility.
Great for libraries and tools used in traditional development.

Agile Methodologies:

1. Apache License:
Provides a patent grant and is permissive.
Aligns well with Agile development, encouraging collaboration.
2. GNU Lesser General Public License (LGPL):
Allows linking with proprietary software while maintaining some open-source requirements.
Often used for libraries.

CI/CD Needs:

1. MIT License:
Allows easy integration with CI/CD tools and libraries.
Minimal restrictions for integration and usage.
2. GNU General Public License (GPL):
Ensures enhancements to CI/CD tools remain open source.
Suitable for tools developed for open-source community collaboration.

Conclusion:

GPL or MIT for traditional development, Apache or LGPL for Agile, and consider MIT or GPL for CI/CD. Match the license to your goals, and consult legal experts for compliance.