**“Open Source Software Laboratory”**

**Code: 4IT475**

Submitted by

**Mr. Adwait Samak (2020BTEIT00021)**

**Email: adwait.samak@walchandsangli.ac.in**

**Mobile: 7757091299**

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DEPARTMENT OF INFORMATION TECHNOLOGY

**WALCHAND COLLEGE OF ENGINEERING, SANGLI**

**(An Autonomous Institute)**

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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.