ENG1 - Assessment 1

Implementation

Impl1.pdf

Group 6

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Libraries:
[libGDX](#) (Apache-2.0 Licence)
[gdx-box2d](#) (Apache-2.0 Licence)
[Ashley](#) (Apache-2.0 Licence)
[Shape Drawer](#) (MIT Licence)
[Spotless](#) (Apache-2.0 Licence)
[JUnit 5](#) (EPL-2.0 Licence)
[AssertJ](#) (Apache-2.0 Licence)

Other Tools:
[Tiled](#) (GPL-2.0 Licence for the Tiled software used)

All libraries used are open source software. EPL-2.0 requires disclosure of modification to their source code [1], which we have not made. MIT and Apache-2.0 are both permissive licences [2], [3]. Tiled is an open source tilemap editor, which we used as is and made no modifications to the source code, therefore complying with the licence [4].

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These licences are appropriate for our project, as they are permissive in usage in both open source and proprietary software. We have given attribution when required in the repository, and linked to licences and pages in this document when required.

Comparing the implementation to the requirements deliverable and the product brief for assessment 1 we concluded that all of the requirements were met in the first implementation of the system. The system does not meet requirements that were considered as low priority and therefore not crucial to the first implementation for assessment 1. Those requirements are to be met with further iterations in assessment 2. Similarly, to meet the fit criteria of the requirement *NFR_LOCATION* more accurately in the next assessment the system must provide more recreational locations to be interacted with.

References

[1]   Eclipse Foundation. (2017, Aug. 24) *Eclipse Public Licence 2.0.* Eclipse Foundation [Online]. Available: https://www.eclipse.org/legal/epl-2.0/ [Accessed: 18 March 2024]

[2]   The Apache Software Foundation. (2004, Jan.). *Apache Licence, Version 2.0.* The Apache Software Foundation [Online]. Available: https://www.apache.org/licenses/LICENSE-2.0 [Accessed: 18 March 2024]

[3]   Massachusetts Institute of Technology. *The MIT Licence.* Open Source Initiative [Online]. Available: https://opensource.org/license/MIT [Accessed: 18 March 2024]

[4]   Free Software Foundation (1991, Jun.) *GNU General Public Licence v.2.0.* GNU Project [Online]. Available: https://www.gnu.org/licenses/old-licenses/gpl-2.0.en.html [Accessed: 18 March 2024]

[5]   Creative Commons. *CC BY-SA 3.0 Deed.* Creative Commons [Online]. Available: https://creativecommons.org/licenses/by-sa/3.0/ [Accessed: 18 March 2024]