

Implementation

Group 14

Tecch Titans:

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3rd-party libraries and assets used

Usage in program	Link	Licence
Game background music	https://incompetech.com/music/royalty-free/index.html?isrc=USUAN2300005	Creative Commons [1]. Can be freely used so long as attribution is made [2].
Snoring in game over screen	https://pixabay.com/sound-effects/male-snore-63981/	Pixabay Content License [3]. Can be freely used without attribution [4].
Game over screen text	https://heledron.com/tools/pixel-text-generator/	No specific name, but the site specifies generated content can be used for non-commercial purposes without attribution [5].
Main menu backdrop	https://free-game-assets.itch.io/ocean-and-clouds-free-pixel-art-backgrounds	Craftpix file licence [6]. Can use free files freely without attribution [7].
Main menu buttons	https://opengameart.org/content/pixelart-menu-naturey-hand-shooting-some-green-stuff	Creative Commons Zero [8]. Can be used freely without attribution [9].
Game screen	https://nyknck.itch.io/citypackpixelart	No specific licence, but the creator allows assets to be used as long as credit is given [10].
Game screen	https://gvituri.itch.io/tiny-ranch	No specific licence, but the creator allows the asset to be used freely without credit [11].
Game screen	https://kenney-assets.itch.io/pico-8-city	Creative Commons Zero [12]. Can be used freely without attribution [9].

Other libraries

- Tiled to create maps (<https://www.mapeditor.org/>)
- Ashley ECS framework (<https://github.com/libgdx/ashley>) (Apache licence 2.0)
- LibGDX for a game engine (<https://libgdx.com/>) (Apache licence 2.0)

All of the assets and libraries have licences which permit them to be used in a non-commercial context, which is fitting for our use case.

References

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- [2] Creative Commons, *CC BY 3.0 Deed*, Creative Commons. [Online]. Available: <https://creativecommons.org/licenses/by/3.0/>. [Accessed: Mar. 21, 2024].
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- [6] Craftpix, *Free Game Assets (GUI, Sprite, Tilesets)*, itch.io. [Online]. Available: <https://free-game-assets.itch.io/>. [Accessed: Mar. 21, 2024].
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- [11] G. Vituri, *[8x8] Tiny Ranch Asset Pack by Gustavo Vituri*, itch.io. [Online]. Available: <https://gvituri.itch.io/tiny-ranch>. [Accessed: Mar. 21, 2024].
- [12] Kenny, *Pico-8 City by Kenney (Assets)*, itch.io. [Online]. Available: <https://kenney-assets.itch.io/pico-8-city>. [Accessed: Mar. 21, 2024].