

Assessment 2: Brownfield Development

Implementation

Cohort 3 Group 9

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Third-party libraries and assets used:

- LibGDX with gdx-freetype extension (Apache License 2.0) [1]
- “Cool School tileset” (CC0 1.0) [2]
- “Super Retro World” (Custom licence) [3]
- “Free Pixel Character Base Pack 32x32 Top Down Farmer Animations” (CC0 1.0) [4]
- “Duck Quack” (CC0 1.0) [5]
- “Paper Rustle” (CC0 1.0) [6]
- “dorm door opening” (CC0 1.0) [7]
- “Cartoon Quick Zip” (CC0 1.0) [8]
- “Deep Growl 1” (CC0 1.0) [9]
- Roboto.ttf (Open Font License 1.1) [10]
- “Creaking Floorboards 07” (CC0 1.0) [11]
- “Cozy Cafe Icons” (Custom License “2025 Pixel&Beans”) [12]
- “Sip.wav” (CC0 1.0) [13]
- “FREE GAME ITEMS PACK 2” (Custom License “Free Game Items Pack 2”) [14]

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datasets. This is suitable for use in our project as it provides the flexibility to adapt the visuals to our specific user interface requirements while remaining legally compliant. Because the licence does not strictly require attribution and permits use in free software, it allows us to focus on the technical implementation of our programme without restrictive licensing hurdles.

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All requirements for Assessment 2 are implemented.

Other information, for traceability:

- Please note that some constructs are named differently in the implementation compared to other pieces of documentation. These are:
- The class called “Game” in the architecture documentation is called “YettiGame” to avoid a name clash with LibGDX's Game class.
- The class called “Sprite” in the architecture documentation is called “Entity” to avoid a name clash with LibGDX's Sprite class.
- The class called “Screen” in the architecture documentation is split into several classes to facilitate each screen running its own code.

References:

- [1] <https://github.com/libgdx/libgdx/blob/master/LICENSE>
- [2] <https://opengameart.org/content/cool-school-tileset>
- [3] <https://gif-superretroworld.itch.io/interior-pack>
- [4] <https://kettoman.itch.io/free-pixel-character-base-pack-32x32-top-down-farmer-animations>
(Downloading the pack provides a “license.txt.txt” file, which confirms the CC0 license) [5]
- [5] <https://freesound.org/people/Tabby+Gus./sounds/515408/>
- [6] <https://freesound.org/people/BenjaminNelan/sounds/353125/>
- [7] <https://freesound.org/people/pagancow/sounds/15419/>
- [8] <https://freesound.org/people/se2001/sounds/541506/>
- [9] <https://freesound.org/people/noahpardo/sounds/345733/>
- [10] <https://github.com/googlefonts/roboto-3-classic/blob/main/OFL.txt>
- [11] <https://freesound.org/people/qubodup/sounds/802579/>
- [12] <https://pixelandbeans.itch.io/cozy-caf-icons>
- [13] <https://freesound.org/people/designerschoice/sounds/815444/>
- [14] <https://ahninniah.itch.io/free-game-items-pack-2>