

UNIVERSITY OF YORK  
DEPARTMENT OF COMPUTER SCIENCE

# Implementation

Cohort 2 - Group 17 (Rich  
Tea-m 17)

## Group Members:

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## Libraries and tools:

Game engine - [LibGDX](#) // Licence - [Apache-2.0](#) // Free for use in commercial and non-commercial projects, allowing us to create and redistribute to other groups.

UI compiler, atlas generator - [LibGDX Skin Composer](#) // Licence - [MIT Licence](#) // Assets generated are free from copyright.

Texture compiler - [LibGDX Texture Packer](#) // Licence - [Apache-2.0](#) // Software is free for use commercially and non-commercially and any assets generated are copyright free.

Map maker - [Tiled Map Editor](#) // Licence - [GNU General Public Licence V2.0+](#) // We have not modified the source code, therefore are free to use any maps generated in our project.

Asset maker - [Piskel](#) // Licence - N/A // Free and commercial use permitted according to [terms and conditions](#)

## Assets:

Masculine player sprite - [CuddleBug's Apocalypse Asset Pack](#) // Licence - N/A // Explicitly stated on the itch.io page that assets are free to use as long as we don't resell them.

Feminine player sprite - Modified version of above asset, modified by E. Giles // License - [Creative Commons CC-0](#) // Modified by a 3rd party at our request, verbal permission given to use under CC-0. Menu buttons, dialogue boxes - [Cryo's Mini GUI Pack](#) // Licence - [Creative Commons Attribution V4.0 International](#) // Free to use as long as credit is given which we have done in the form of a link in Assets Used.txt, credits.txt and thus the in-game credits screen.

Map sprite 1/Flower sprite - [Kerrie Lake's Star Realms Cozy Forest Pack](#) // Licence - N/A // Explicitly stated on the download site and related licensing document that the pack is free for unlimited commercial and non-commercial use.

Map sprite 2 - [RPG Urban Pack | OpenGameArt.org](#) // Licence - N/A // No given licence but requests optional crediting

Map sprite 3 - [City tilemap 32x32 by AvKov](#) // Licence - N/A // Licensed under default site licence which is free commercial and non-commercial use.

Roads sprites (Map) - [Road Tile Textures | OpenGameArt.org](#) // Licence - [CC BY 3.0 Deed | Attribution 3.0 Unported | Creative Commons, CC BY-SA 3.0 Deed | Attribution-ShareAlike 3.0 Unported | Creative Commons](#) // Free for commercial use under appropriate crediting

Building sprites (Map) - [Retro RPG buildings pack by The Pixel Nook](#) // Licence - [Creative Commons Attribution v4.0 International](#) // Free for commercial use under appropriate crediting

Duck sprite (Map) - [Ducky 3 by Caz Creates Games](#) // Licence - [Creative Commons Zero v1.0 Universal](#) // Free to use as asset in any project with preferred credit

Button fonts - [W95FA Font](#) // Licence - [SIL OpenFont Licence](#) // Free for commercial and private use. Title font - [Motorola ScreenType Font](#) // Licence - N/A // No given licence so taken to be the site's default which is public domain, thus completely free to use.

Time and day font - [NK57 Monospace Font Family by Raymond Larabie](#) // Licence - N/A // Licensed under default site licence which is free commercial and non-commercial use.

Dialogue font - [Pixeloid Font Family by GGBotNet](#) // Licence - [SIL OpenFont Licence](#) // Free for commercial and private use.

Bus achievement sprite - [Public Bus by Dai420](#) // Licence - N/A // Licensed under default site licence which is free commercial and non-commercial use.

Early bird/Night owl achievement sprite - [Pixel Art Bird 16x16 by ma9ici4n](#) // Licence - N/A // Licensed under default site licence which is free commercial and non-commercial use.

Apple achievement sprite - [Apple Sprite by santigou](#) // Licence - N/A // Licensed under default site licence which is free commercial and non-commercial use (also mentioned as free to use).

Book achievement sprite - [Books for 32x32 by Batuhan Karagöl](#)// Licence - N/A //No license mentioned but stated as free commercial and non-commercial use with credit appreciated.  
Computer achievement sprite - [Four Retro Computer Sprites by Viergacht](#)// Licence - N/A //No license mentioned but stated as free commercial and non-commercial use with credit appreciated.

#### **Music and sounds:**

Main menu music - [‘Streetlights’ from Minigame Music Pack by JD Sherbet](#)// Licence - N/A // Free for commercial and non-commercial use as long as credit is given, which we have done in the form of a link in Assets Used.txt, credits.txt and thus the in-game credits screen.

Overworld music - [Blippy Trance by Kevin Macleod](#)// Licence - [Pixabay Content Licence](#)// Explicitly stated on the website as being free for use.

Menu button select sound - [Coin by Sound Effects Library](#)// Licence - [Creative Commons CC-0](#)// Public domain thus free to use, redistribute and resell.

Walking sound - [Stone Steps by Pixabay](#)// Licence - [Pixabay Content Licence](#)// Explicitly stated on the website as being free for use.

Pause menu open/close sound - [Coin Collect Retro 8-bit Sound Effect by Lesiakower](#)// Licence - [Pixabay Content Licence](#)// Explicitly stated on the website as being free for use.

Dialogue box open sound - [SFX Jump\\_07 by Pixabay](#)// Licence - [Pixabay Content Licence](#)// Explicitly stated on the website as being free for use.

Dialogue box option sound - [Select Sound by u\\_2fbuaev0zn](#)// Licence - [Pixabay Content Licence](#)// Explicitly stated on the website as being free for use.

We have met all assessment and client requirements in our implementation.