Implementation:

Team 14

Joshua Beaven (jb2825@york.ac.uk)

Calum Feenan (cf1218@york.ac.uk)

Harry Hillman (hth512@york.ac.uk)

Jonathon Snelgrove (js3336@york.ac.uk)

Omar Alhosani (oaa560@york.ac.uk)

Rayan Butt (rb1770@york.ac.uk)

External Libraries and 3rd party software used:

LibGDX (https://libgdx.com/)
Intellij IDEA (https://www.jetbrains.com/idea/)
Tiled (https://www.mapeditor.org/)
paint.net (https://www.getpaint.net/)

Paint.NET is licenced for use in any environment, including but not necessarily limited to: personal, academic, commercial, government, business, non-profit, and for-profit.
LibGDX is licensed under the Apache 2 Licence which allows users to use the software for any purpose, to distribute it, to modify it, and to distribute modified versions of the software under the terms of the licence, without concern for royalties.
Tiled is a free and open source, easy to use, and flexible level editor.
These are all great and very suitable for our software, as it leads to no additional cost for our customer. The only difficulty would be Intellij IDEA, as this is not free software for businesses.

Features required which are not fully implemented:

We implemented most of the features that were required of us for this assessment. Listed below are the few that didn't make it and the reasons why:

Requirement ID	Reason why
UR_SaveState	This was a requirement we were informed by the customer halfway through production. This proved to be the most difficult part of the implementation and was not able to be achieved by the deadline. Apologies are to be extended to the customer.
FR_SaveGame	This was a requirement we were informed by the customer halfway through production. This proved to be the most difficult part of the implementation and was not able to be achieved by the deadline. Apologies are to be extended to the customer.