**In this folder, you will find:**

* The .stl and .gcode files for the card frame
  + (Final\_Card\_Frame.stl; UM3\_Final\_Card\_Frame.gcode)
* The .stl and .gcode files for the cards themselves
  + (cards.stl; UM3\_cards.gcode)
* The .png and .studio3 files for the images on the cards
  + (all cards.png; all cards.studio3)

**The 3D-printing files:**

The **.stl** and **.gcode** files are for the 3D-printed materials used in this escape room: the cards and the card frame.

\*Note: **.stl** files will need to be put into software such as Cura or one found online and ‘sliced’ into a **.gcode** for them to be able to be used by a 3D printer. **.gcode** files have already been sliced and can be read and printed by a 3D printer with no extra work.\*

* UM3\_cards.gcode prints 2 flat cards used for the ‘ID’ type cards (credit card, ID card, bus card, gift card, VIP pass) so you will have to do 3 prints to get enough for all of the cards needed.
* UM3\_Final\_Card\_Frame.gcode prints the frame with two holes at the corners that is used in the 1st puzzle.
* The **.stl** versions of both of these files (cards.stl and Final\_Card\_Frame.stl) are the 3D design files of their respective names. Reminder these files still have to be ‘sliced’

**The image files:**

The files (all cards.png; all cards.studio3) are used to make the printed images.

There are two ways to create the cards:

1. Printing

* You can use the (all\_cards.png) file to print out the cards’ images. We recommend using packing tape to attach them to the cards and protect them from damage. You can use scissors or a box cutter to clean the edges.

1. Printing and Vinyl Cutter

* If you would like a more durable print, and have access to a Silhouette Cameo vinyl cutter, you can use the included file (all cards.studio3). First, print the (all cards.png) file onto a sheet of printable vinyl paper. Then, use the (all cards.studio3) file to cut the cards from the vinyl paper. In our creation of the cards, we covered this vinyl with packing tape for further protection.
* For further instructions on how to use the Silhouette Cameo, click [here](https://youtu.be/H3CtAv3GAVo?si=gGbNxZ2VYFh6034H).