What is this game about?

Char Siew Party

This ITD & EXD Project is done in collaboration with “The Doodle People”. Our group’s idea is to allow you to experience anecdotes of food through postcards that come to life, with an interactive Augmented Reality(AR) experience. Our team has decided to use Char Siew Rice as the main source of inspiration we’re basing our AR experience on.

This Project is done by:

Eron Tan  
Jun Fai

Kyan Foo

How to play:

* Use your mouse to point and click on the desired options. (PC)
* Use your touchscreen to interact with the buttons (Android)
* Scan the image target on the postcard using an AR scanning service to access the different features as well as a minigame.

Game Flow:

1. Take out the postcard
2. Scan the image target
3. Main menu will pop out allowing users to click on the different features we offer. (In this case lets start on the model)
4. The user can choose to rotate and scale to model to view it at the main screen
5. The user can also then partake in the quiz and test their knowledge
6. Last but not least, there is also a ground plane AR to “make” a small miniature popup stall through AR

Minigame (Quiz) Answers:

1. What type does Char Siew originate from?

Mandarin Cuisine

**Cantonese Cuisine**

Hokkien Cuisine

Hakka Cuisine

1. What is not compatible with Char Siew?

Rice

Bun

**Noodle (Soup)**  
Char Siew Only

1. What seasoning do they use to give its shiny glaze?

**Maltose**

Dark Soy Sauce

Rice Wine

Red Food Coloring

1. What establishment do you normally see sell Char Siew also?

Chinese Noodle

Hotpot

**Chicken Rice**

Ayam Penyet

1. What part of meat do they not use to cook Char Siew?

Pork Butt

Pork Belly

Pork Neck

**Pork Leg**

Minimum system requirements:

**Operating system**

**Windows:** 7 SP1+

**macOS:** 10.12+

**Linux:** Fixed at: Ubuntu 16.04+

**CPU**

SSE2 instruction set support.

**GPU**

Graphics card with DX10 (shader model 4.0) capabilities.

**Devices**

- **iOS :** iOS 9.0 or higher.

- **Android :**

OS 4.1 or later

ARMv7 CPU with NEON support or Atom CPU

OpenGL ES 2.0 or later.

- **Universal Windows Platform :**

Windows 10 and a graphics card with DX10 (shader model 4.0) capabilities.

Reference:

Model Reference:

<https://yipyc.com/blog/2016/09/18/sin-kee-chicken-rice/>

(Singapore olden days, chicken rice street hawker)

Quiz Reference:

<https://eatbook.sg/char-siew-rice/>

<https://en.wikipedia.org/wiki/Char_siu>

(Information about char siew rice, from origin to ingredients)

Images:

Char Siew Rice Images- https://eatbook.sg/char-siew-rice/

https://hawkerpedia.com.sg/en/article/best-roast-pork-char-siew-singapore

https://danielfooddiary.com/2020/06/10/charsiew/

Unity Store Free Assets

371 Simple Buttons Pack

CoffeeShop Starter Pack

Simple Foods

Animated Character Pack 3D Model

Material:

Maya (Phong)

For Humans

Maya (Lamber)

For other objects.

Music used in slide deck:

<https://www.youtube.com/watch?v=jxd07lMxEjg>

Restrictions

1. Scale button seems to work abnormally, doesn’t resize back to original.