**Notes for Clear Score technical task**

**Step by step progress and thought process:**

**I used MVC to implement the application**

1. **Checking the internet connection:**
   * **Created a class to handle testing network connection so that if the user has a connection then the system will make the call to the API. If there is no connection, then the circle shows a popup view telling the user to restart with an internet connection**
2. **Getting data from the API**
   1. **Created a class called JSONParsing that handles the GET request from the API and passes the data to the view controller using completion handlers**
3. **Drawing the circle and animate**
   1. **Created a class in the view section that draws the circle on the centre of the screen and animates based of the user’s credit score. If there is not a connection, then the circle is drawn but no animation takes place**
4. **Created the popupview to display over the circle if the user has no connection**

**Things I wished I did and why I didn’t implement them**

1. **Realm file to access local data**
   1. **Wanted to implement this to allow the user to still use the app offline however when I tried to implement this, I got a bug that I was not able to fix**