

Figure 2-7: Interface of Team Picker Wheel showing the overall system, (Picker Wheel, 2020)

One benefit of employing this system is that the user's manually entered list won't be stored in their database. However, because the user must manually type the name list each time they want to form a group, this approach is not ideal for a fast-paced environment. Since this is mainly for the grouping feature, there is no timer to accommodate the time management during the jigsaw learning session.

2.3.3. Pomodoro Time Management

According to (Scroggs, 2023), A time management technique called the Pomodoro Technique breaks up a 25-minute period of intense work with a five-minute break. Longer breaks, often lasting 15 minutes, are typically taken after four consecutive work intervals. The Italian term for tomato, pomodoro, is used to describe each work interval. This method was developed by developer and entrepreneur (Cirillo, late 1980s) who used a kitchen timer in the shape of a tomato to arrange his

studies while he was a university student. He would initially experiment with various work intervals before settling on the 25-minute pomodoro as the best period for him. By restricting the amount of time people try to retain their focus on a work and assuring restorative pauses from the effort, the Pomodoro Technique ultimately teaches people to focus on tasks more effectively. As a result, they were able to overcome their inclinations for multitasking and procrastination, both of which are known to reduce productivity.

To illustrate the Pomodoro Technique, (Uzu, 2023) has made a website called pomofocus.io which essentially a timer that use a Pomodoro Technique approach as shown in Figure 2-8 below.

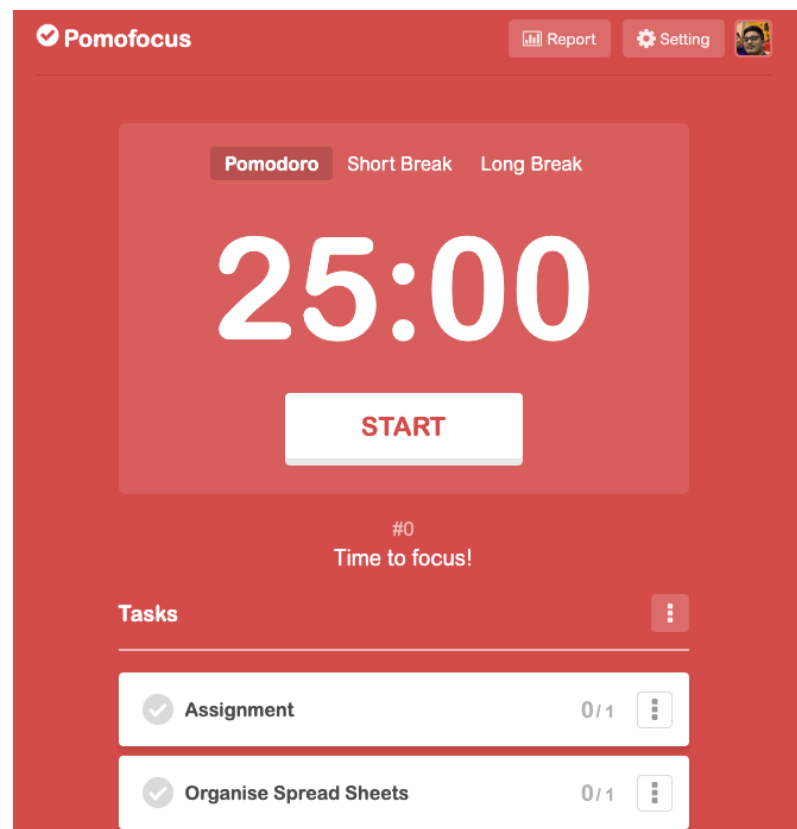


Figure 2-8: Interface of pomofocus.io showing a timer, (Uzu, 2023)

The main page consists of three types of timers which is pomodoro, short break, and long break. This page also has a pomodoro counter and task where user can fill in to display it on the main page. The timer is initially set to the Pomodoro Technique's recommended timing of 25 minutes of work, a 5-minute short break, and a 15-minute long break. The system can be customisable to suite users' need such as user can change how long the working time, short break, and long breaks that the user needs, and users can put how many working intervals that user wanted before starting long break. The customisable option is all done in the setting page as shown Figure 2-9.

TIMER SETTING

X

Time (minutes)

Pomodoro

25

Short Break

2

Long Break

15

Auto start Breaks?

☒

Auto start Pomodoros?

☐

Long Break interval

4

Alarm Sound

Digital

50

repeat

1

Figure 2-9: Interface of pomofocus.io showing a preference option for the timer, (Uzu, 2023)

To relate this system into this project, it is suggested that this project will be implementing the concept of a timer during the expert and jigsaw session where lecturer will be able to customise on how long did he or she want for the jigsaw learning session to last. It is suggested to implement this idea where there is a quick