NON_FUNCTIONAL

ID	DESCRIPTION	USER REQUIREMENT	FIT CRITERIA
NFR_PORTABILITY	It should be able to run on different operating systems.	UR_USER_EXPERIENCE	It should be able to operate on at least 3 different operating systems
NFR_VISUAL_CUE	When the user needs to perform a station action, the system should provide the user with a visual cue that shouldn't rely on text or colour	UR_STATION_ACTION	80% of testers were able to identify and respond to each visual cue.
NFR_TIMING	The Game should take 5-10 minutes.	UR_USER_EXPERIENCE	$5 \le$ mean time ≤ 10
NFR_USABILITY	The system should be easy to understand, and use.	UR_USER_EXPERIENCE	80% of testers would agree that the system was easy to use.
NFR_PERFORMANCE	The system should be able to run for an entire day, without any major drops in performance.	UR_USER_EXPERIENCE	The system can run for at least 8 hours.
NFR_FAILURE_RATE	The system should not crash or freeze on a standard computer	UR_USER_EXPERIENCE	The system should crash no more than 1% of the time
NFR_LOAD_TIME	The system should load quickly	UR_USER_EXPERIENCE	Maximum time to load should be 20 seconds.
NFR_USER_ENGAGEMENT	The system should be fun and engaging to prospective students	UR_USER_EXPERIENCE	80% of testers would describe the system as fun and engaging
NFR_OPERABILITY	Ensure new users can play the game without a tutorial or a rules page	UR_USER_EXPERIENCE	80% of testers completed the game without assistance
NFR_FRAME_RATE	The frame rate should not drop during expected usage	UR_USER_EXPERIENCE	Minimum frame rate of 20fps
NFR_VISIBILITY	The system should use a colour scheme that maximises visibility	UR_USER_EXPERIENCE	80% of testers found that the colour scheme didn't hinder visibility
NFR_ACTION_TIME	The cooking actions shouldn't take too long so the user doesn't become unengaged	UR_COOK_ACTION	Maximum time for a cooking action is 30 seconds
NFR_SERVING_TIME	The majority of users should be able to serve the dish in time	UR_COOK_ACTION	80% of testers were able to serve the order in time.

NFR_MOVE_TIME	The time it takes for a cook to move to a station should be reasonable.	UR_MOVING_COOK	Maximum time for a cook to reach a station should be 5 seconds
NFR_SYSTEM_COSTS	The system should be implemented without any costs	All	Costs should not exceed £0
NFR_TEXT_SIZE	Ensure that any text is of the appropriate font size	UR_USER_EXPERIENCE	Minimum font size of 7
NFR_SPRITE_VISIBILITY	Sprite should be appropriately sized and should not overlap	UR_CUSTOMER_VIEW	Minimum size for a sprite should be 5*5
NFR_AVAILABILITY	The system should be readily available	UR_USER_EXPERIENCE	The system should be available 99% of the time.