

APPENDIX 3– INITIAL REQUIREMENTS

Membership detection

Fingerprint scanner

Interface for membership details adjustment

Interface capability for length of stay

Temperature

Heat radiation detection

Capability to monitor the temperature in different rooms

Capability to adjust temperature in relation to the head radiance

Built in machinery air conditioning

Machinery

Touch pad interface

User detection (scanner)

Personalised settings

Wireless headphone feature

Built in webcam & video chat

Built in staff contact call

Auto adjust machinery based on profile

Voice controlled commands

Weight machine with built in performance review

Ability to notify members when machine is free

Ability to lock machinery for specific members

Automatic water dispenser

Interface

Touch screen

Internet access

Work separately from other interfaces

Work simultaneously with other interfaces

Ability to send (communicate) information to other interfaces

Thumbprint scanner

Voice control

Waterproof

Watch Videos

Built in webcam

Use on smart devices

Health & safety

Heart rate monitors

Push alarm to Bluetooth machinery if heart rate too high

Troubleshooting

Built in contact call to staff

Push Bluetooth alarm to reception if machine alert

Classes

Balance pads with monitoring

Fitness monitoring

Automatic water dispenser

Auto adjustable lighting

Calories

Calories burnt watch

Ability to push data to interface or device

Troubleshooting

Built in contact call to staff

Push Bluetooth alarm to reception if machine alert

For fitness trainers

Alerts sent to their smart device to highlight the members that may be pushing themselves too much

Storage

Voice recognition / fingerprint detection on lockers

Central Interface

Thumb scanner (login / log out)

Admin access to all data

Password protection alternative

Separate pages for information

Information on individual on the last 10 workouts

Total calories burned

Average time spent exercising per week

Progress graph

Display weight gains / losses

Information on recommended dietaries / workouts

Record heart rate levels