Project Title: Locker Systems

End User/Company: Runshaw College

# What the company does? (Broad Aims)

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| Sell lockers with an initial deposit of £5 that can be refunded when locker usage is complete. Someone can reserve a locker for a maximum of one year and can then be renewed for future years. The lockers are located throughout the college and a lock and key is given out when the purchase is completed then those are used to secure the locker and keep possessions safe. |

# Issues (Why New System Needed)

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| The lockers aren’t well advertised hence the locker system isn’t very popular. It is impossible to know which lockers are in use as people can use their lock and key on any locker without informing the college which one this can cause problems for the college and students who need a specific locker. The college is also unaware of how long you use said locker for and if you are actually keeping something in that locker so they will never be able to know if the locker is being wasted. Being able to use a locker relies on having a key and a lock which you can lose easily and render ordering a locker useless. |

# New System Standout Features (Not IPSO)

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| The ability to book a locker immediately at the lockers via a self-scanning system, located on the end of each unit of lockers, linked to the QR code located on your ID, at this terminal you can also decide then how long to book the locker. Using a locker like this will be free but will have a maximum amount of time that you can spend with a locker booked out. If a locker was required for a longer period of time of if someone wanted to order one in advance, an online system would give pupils and staff the ability to pre book specific lockers with a small deposit that can be returned when they’ve finished using the locker. If someone is taking part in this scheme, then when they scan in the system would recognise that they have booked a locker and instead of asking them for a new locker it would unlock their specific locker speeding up access time. On this system it will have a map showing which lockers are free so that people you can easily find a locker in an area you want. |

# Entities / ER Diagram / Classes

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| Booking  Unit  Locker |