

## Categories

## Functions

## App-Screens

## Users

## Problems Solved

## Potential Obstacles

CARDIO

MACHINES

QR  
SCANNER

Mobile  
App

login

Athletes

High  
school  
students

FREE  
WEIGHTS

body  
weight

CHECK IN  
NFC  
READER

USER STATED  
ESTIMATED  
TIME OF  
ARIVAL

Map of  
local  
gyms

College  
Students

Gym  
bros!

yoga

zoomba

HISTORICAL TRENDS  
OF GYM  
TRAFFIC/OCCUPANCY

Various  
sample  
workout  
plans

A screen  
showing what  
machines are  
being  
occupied in  
each category

Old  
people

Busy  
people!

weight  
training  
classes

swimming  
lessons

instuctions  
with qr codes

peak/down  
times specific  
to the gym  
based off the  
historical  
trends

map of  
inside  
gym

first  
timers

Shy people or  
those with  
social anxiety

basketball  
court

Boxing  
training!

crowd  
level  
bar

GPS and  
directions  
to the  
gym

Which  
machines are  
there at a  
specific gym

Minimize the  
time spent  
looking for  
gyms with  
open  
equipment

Wasted  
time

Prevent  
overpopulated  
gyms

Reduce  
frustration  
with going to  
the gym

unclear  
user  
interface

User error  
with QR  
code  
scanning

People who  
don't have the  
app but still  
populate the  
gym

Users not  
wiling to  
update their  
status!

Pilates