

# Social Action Start-Up

“Doing well is the result of doing good. That's what capitalism is all about.”

- **Ralph Waldo Emerson**



# What are we doing here?

- We are going to see how other digital makers have been able to help their communities in the past
- We are going to discuss our charity partners (or a charity case study) and come up with a list of ways we could invent something to help them, which we will narrow down to a single problem we'd like to address.
- Once we have that, we're going to learn how real-life tech start-ups use a project management technique called '**Agile**' to create new technology by playing a game (but we'll get to that a bit later.)



# The Plan

- This morning, we are going to get into small teams, or Start-Ups. You'll work with the people in your Start-Up through the whole hackathon.
- Once we have teams, we'll discuss the problems we want to solve by inventing something cool and what that thing might look like
- Then, we'll learn about the process used by tech companies all over the world, called *Agile Development Methodology*
- We'll do some short technical reminders to help you get to grips with the equipment we have available, then send you off in your teams to start making!
- At the end of the day tomorrow, you'll have to give a short 'pitch' of your invention to the group (and maybe a panel of Raspberry Pi experts!)



# Get Into Teams of Four!

This will be your working group for the next two days... so make sure you're not with someone you won't be able to work with!



# How Can Technology Help Society?

- We are about to watch a video that shows how technology is benefiting people with special needs.
- Watch the video and see if you can work out all the ways technology is helping people in difficult situations, or who need extra care.

**Write down in your *Developer Guide* all the different ways you can see technology helping the beneficiaries in this video.**





# How Can Technology Help Society?

1. How many ways did you see technology helping the people in the video?
2. What kind of tasks was the technology in the video doing?
3. Which of the technological solutions in the video were hidden/automated and just did their jobs passively?
4. Which of the technological solutions in the video were human controlled and needed to be interacted with to do their jobs?

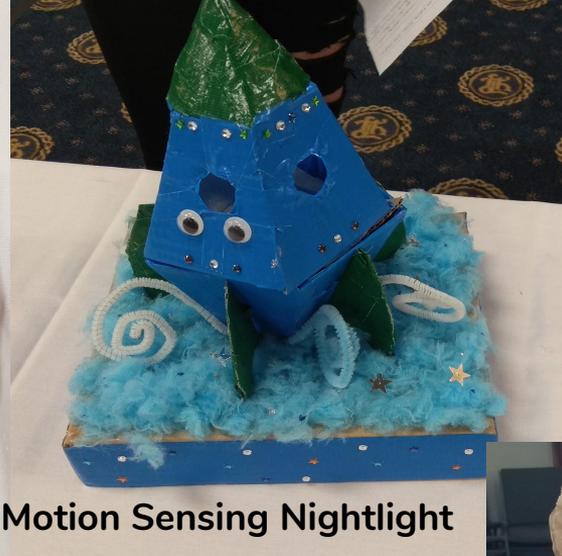




Brain Trainer for Dementia



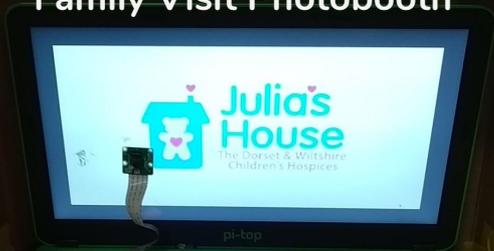
CCTV



Motion Sensing Nightlight



Family Visit Photobooth



Snake Game for in-patients



Baby Environment Monitor

# How Will You Help?

Watch one of the charity videos on your tablet to get to know a bit about the people you're going to help with your invention.

Discuss your Charity in your teams using the Reflection Questions in your Journal, and start thinking about ways you can make a difference.

**Before we move on, your team should have an idea of how you would like to help your charity, even if you don't know what your invention might be yet!**



# Let's Get Going!

