Parcade Arcade

Problem: The City of Eugene's parking program's (Epark Eugene) goal is to make our garages more inviting by incorporating Art into Everyday [Parking] Objects. Epark Eugene has had previous successes with community partnerships to add art to the garages and meters, with its Step into Poetry/Playwrites/Stories in the Overpark Garage, meter art on Alder Street, and the zombie signs in the Parcade Garage. The next project, the Parcade Arcade, is to incorporate art and technology into the Parcade Garage on 8th Avenue and Willamette Street. The Parcade Garage is the primary parking garage of our downtown tech community, serves as a focal point for the Saturday and Farmers' Markets, houses Hult Center event parking, and has ground-floor retail and commercial spaces. We have landed on a concept that combines art and technology in a way that has never been done before: **gamifying a parking garage**. We need your creative process to figure out how to gamify a downtown parking garage!

Challenge: We challenge you to create Level 1 (ground floor) family friendly game that mixes mobile and PC games with interactive systems and sensors. The goals of the game are to be fun, to create a positive experience downtown, attracting families, engage the tech community, and create technology based art in unexpected places. The game would only activate within the Parcade Garage perimeter and have a puzzle-solving component that fits into the genre of games, such as Machinarium, the Tiny Bang Story, The Longest Journey, or Syberia. The interactive portion of the game is inspired by an exhibit at the Center of Science and Industry in Columbus, Ohio called "Top Secret: License to Spy." That exhibit is an interactive display that where the visitor acts as a secret agent to solve a murder mystery. Our vision is to literally level up through the garage to Levels 2, 3, and 4 with expansion packs. Bonus points awarded for incorporating Miss Rumphius into the story line.

Assets:

- University of Oregon's Department of Computer Information Science is supplying and mentoring the usage of Raspberry Pi B+ and GrovePi+ Base Kit
- MOBITIX IP Cameras
- Parking Structure Architectural Drawings

Prize:
- 2016 Hack for a Cause Winner Reserved Parking space of your choosing, in the Parcade Garage for one year!
- Fertilab Thinkubator will provide a one year membership that includes workspace.
- Your creative mark on an idea that will seen by visitors from all around the world in 2021.

Sponsor: Epark Eugene and Fertilab

Fine Print: Software will be released under the MIT license **https://opensource.org/licenses/MIT**