

IT Girl Velocity Prep Internship

Motorola Project Overview

Project Layout

1. All girls will receive an overview of Motorola and the project
2. Then the group will split in two to research:
 - technical capability (Motorola)
 - municipal feasibility (City Contacts – they may direct students to the various contacts for researching possible applications)
 - This research period will need to be limited so that we can get the girls started on the next phase, larger of the project. We may want to constrain the project some by giving them specific details to work from during this section
3. The girls will meet to share their gathered information
Potential deliverable/milestone: post memo to the Google group site
4. Research the alternatives for possible application (leave this open ended for students to define.

Scenario

Overview of Motorola

We are a global communications leader powered by a passion to invent and an unceasing commitment to advance the way the world connects. Our communication solutions allow people, businesses and governments to be more connected and more mobile.

Motorola, Inc. has been at the forefront of communication inventions and innovations for nearly 80 years. We have achieved extraordinary accomplishments along the way – such as making the equipment that carried the first words from the moon and leading the cellular communication revolution with the development of the world's first handheld portable cellular phone. We were the first to bring Push-to-Talk over Cellular to market. More recently, Motorola delivered the first all-digital high-definition television (HDTV) technical standard.

Overview of project

Info about New Markets:

Statement of need:

Pre-existing parameters:

Student Tasks

- Determine Motorola's technical capabilities
- Determine the municipal (City of Austin) feasibility
- Provide recommendations to Motorola for the use of wireless networks as a way to decrease the environmental impacts of living and working in a mid-sized city.

SAMPLE