Fam-Topia | Team C

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OUR GIANT LEAP HACKATHON

Purpose

To make family life easier
- To support families by providing information in one consolidated place
- Improve the quality and health of families
- Save time spent searching for facilities.
- Increase engagement of families with local government

Solution and Stakeholder Summary

Real time Mobile phone app for family friendly facilities and businesses

- 140 million babies born a year, 2 million children die from air pollution every year
- UV: skin cancer/vit D deficiency
- ALL families will be the target market

Technical Approach and Intended Solution Impact

Using EO/GNSS/GIS Air quality and pollution data from Copernicus; Sentinel-3 and -5P for ozone and aerosols

- Geographic Information system

Intended Solutions an **app** to show; Family changing room, Pre-natal classes, Nursing room, Child-care facilities, Family friendly parks etc, **rate** these facilities and then **interact with the community** to provide improvement to local infrastructure.

From Concept to Execution

- We need $50,000 USD to start
- Two full time staff (software engineer/GIS specialist)
- To run Pilot in Mumbai, India for 1.5 years
- The team will work part time to engage businesses and sign them up to the app, and set up the UI for the app.
- Business model B2B, B2C and government