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ARGO-CANADA

Project Argo began in 2000. It's a global array of more than 3000 free-drifting floats which measure temperature and salinity of upper 2000 m of ocean. All data is made publicly available within hours after collection.

Everyone is concerned with global warming and its impact on sea life. According to the statistics sea level is rising at an accelerating rate of 3 mm/year. Arctic sea ice is shrinking and high altitude areas are warming rapidly.

This android application Argo-Canada will show the statistics of nearly 200 floats owned by Canada. They are currently observing Pacific and Atlantic oceans.

The development of smart phones has given access to huge amount of data at hand. Instant update for any environmentalist or a concerned being could be crucial. Since phones are mostly in our pockets.

This android app would have various features such as:

- Looking at deployed location of floats on Google Map.
- Automatic update for new data.
- Differentiate between floats that are active and those that are not.

The app would benefit the people concerned with the outcomes of their respective efforts in different parts of the world. Environmentalist, project managers, leaders of nations and owners of corporations, who are trying their best for a better future. Fishermen could use the data to find suitable habitats of fishes.

Some of the most common anticipated uses of app are:

- Location of old or newly deployed floats.
- Check the ocean temperature and salinity with specific areas.
- Check any improvements in the global warming.
- Check whether the old floats are still active or not.

Timeline for implementation:

1 week for basic layouts.

2 weeks for building the code.

1 week for making the app look better

1 week for testing and taking reviews for any specific changes.

Argo-Canada will be up and running in 5 weeks maximum.

