Sekai: Cultural Understanding Tool

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Abstract

Sekai is a cross platform tool that aims to mitigate misunderstandings in the interaction between people from different countries due to cultural differences.

Motivation

On a day-to-day basis, we all interact with people from different cultures who have different values and therefore, misunderstandings are likely to happen due to cultural differences. Sekai aims to bridge these differences to improve communication by providing a service that allows you to access cultural information in a practical way.

Collaboration

This tool was developed as a request from the Institute of Cross Cultural Management at Florida Institute of Technology. The ICCM has provided all the research data, as well as the surveys and calculations for the cultural profiles.

Technology

- Database: MariaDB
- Server: CentOS 7
- Website: PHP, HTML5, CSS, JavaScript, Bootstrap
- App: Java, Eclipse
- App OS: Android Ice Cream Sandwich 4.0+
- Graphic Design/Wireframes: Photoshop
- Test platforms: LG Nexus 5, LG Nexus 7, MacBook Pro, Gigabyte P34G

Future Work

- Migrate the app to iOS
- Create computer generated statistics from the data stored
- Add social component for profile sharing
- Improve responsive design on website to fit better all resolutions