

# GLOBEStyle

## **Team Members**

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## **Faculty Sponsor**

Philip Bernhard

## **Goal**

The **overall** goal for this project is to create an app that will help diversify leaders who are traveling around the world so they efficiently lead within new cultures.

## **Motivation**

The motivation behind this, what makes it interesting, is we will be learning about new cultures and how they differ from us. On the technical side, learning and gaining experience in app development is a motivating factor as well. None of the team members have experience in that field and opportunity to acquire new skills and knowledge is enticing.

## **Approach**

Our first main feature of the project will be the calendar within the app. You will be able to select the dates where you have leadership events and it will integrate with the app. Once integrated, the app will be able to ping you before the event and ask you to predict how the event will be, your feelings about the event, etc. After the event the app will ping you again asking you to reflect on how the event went.

A second main feature of the project will be helpful tips that you can checkout before visiting a country. All you'll have to do is select the country you'd like to know more about how the leadership works there and it will pop up with helpful tips on how leadership works there. This will help people prepare to be a more efficient leader.

A third main feature of the project will be the ability to compare country data of multiple countries on the website and two countries on the app

## **Technical Challenges**

This project poses several technical challenges.

The first and biggest challenge will be familiarization with Android Operating System, iPhone Operating System, PhoneGap software to perform easier cross platform app production and web site setup, as none of us have worked with app programming or websites before.

The next Technical Challenge will be trying to incorporate the programming that was already done for Sekai into the new GLOBEStyle app.

The final technical challenge will be figuring out how to integrate the pre and post reflections with the new calendar feature.

**Milestone 1 (Sep 28):**

- Learning each platform that we are unfamiliar with
  - Android - Java
  - iOS - Objective - C and Swift
  - Web - options
  - PhoneGap - cross platform app production
- Create “hello world” program using cross platform application, PhoneGap, to determine its viability.
- Create a Requirements Document
- Create a Design Document
- Create a Test Plan

**Milestone 2 (Oct. 26)**

- Framework of GLOBEStyle website
  - individual country data accesible
  - skeletal structure of website complete
- Framework of app (in Android) for GLOBEStyle
  - look and feel of app complete
- Framework for database with Hofstede data

**Milestone 3 (November 23)**

- GLOBEStyle website functional with Sekai code and GLOBEStyle data
- GLOBEStyle app functional with Sekai code and GLOBEStyle data
- Create a functional Demo for the end of the semester.
- Complete framework for Calendar integration with pre and post reflection questions.

**Task matrix for Milestone 1 (teams with more than one person)**

Task	Joseph	Jess	Alyssa	Gurkirat
Investigate/Select Tools	25%	25%	25%	25%
“Hello World” Application	25%	25%	25%	25%
Requirement Document	25%	25%	25%	25%
Design Document	25%	25%	25%	25%
Test Plan	25%	25%	25%	25%

“I have discussed with the team and approve this project plan. I will evaluate the progress and assign a grade for each of the three milestones.”

Signature: \_\_\_\_\_ Date: \_\_\_\_\_