# IST256 Project Phase 2: The Plan

## [1] Blackboard Group Number.

Enter your blackboard Group number: 1

## [2] Group Members and their contributions to this deliverable

Enter the names of your group members and highlight their SPECIFIC contributions to the project for this phase. Please be as detailed as possible and remember that **each member of your group should contribute to writing code**.

|  |  |
| --- | --- |
| **Name** | **Summary of contributions to date (be specific as possible)** |
| Chaofan Chen |  |
| Liwen Duan |  |
|  |  |

## [3] Feedback from Proposal

Explain how your project has changed (if at all) based on the feedback provided by your Faculty Mentor.

## [4] Project Github Repository

Provide a link to your project’s GitHub repository. In this repository should be code examples your team has written which demonstrate you know how to use the project requirements in section [5].

<https://github.com/liduan-su/fall-2019-ist256-project>

## [5] Project Requirements

Provide a list of Systems, API’s, Python Packages, Web Services, etc. you will believe you will require to complete your project, and include the purpose they serve within the scope of your program. For each explain what it is and provide a link to its source, so your Faculty Mentor can research them. **Include code samples in your project github repository which demonstrates your ability to use the resources you’ve chosen. It is expected at this point that you will try/experiment with far more resources than you will use in your final project.**

**- Twitter API:** <https://developer.twitter.com/> Standard API is what we have right now

**- tweepy:** <https://tweepy.readthedocs.io/en/latest/getting_started.html> a third-party Python twitter API package

**- Facebook API:** <https://developers.facebook.com/docs>

**- Instagram Basic Display API:** <https://developers.facebook.com/docs/instagram-basic-display-api>

**- Weibo API**

## [6] Program Design

Provide a high-level program design and flow for your project. This should mimic the final desired behavior of your project. This demonstrates to your Faculty Mentor that you’ve given some thought as to how the program will work and be demonstrated. Specifically, provide:

[6.1] Inputs

[6.2] Outputs

[6.3] High-Level Algorithm (step by step, plain English no Python!)