

COMP9323 ANZ Insight API Project

**Brainstorming Report**

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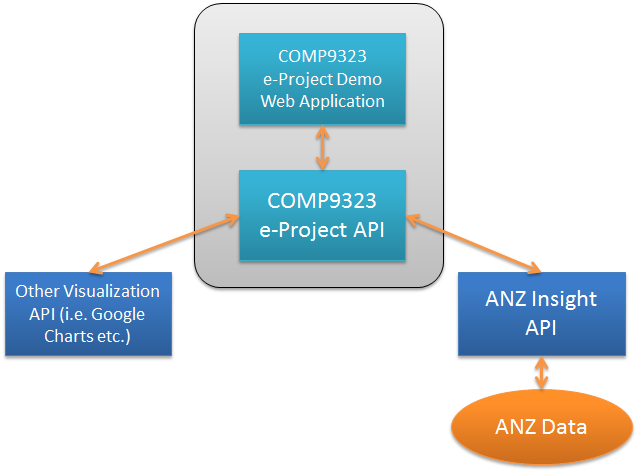
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# **Project Summary / Introduction**

This report aims to record, summarize and conclude the works done during the Brainstorming session in Phase 1 of the ANZ Insight Project of COMP9323.

In this project, we will be building Web applications/APIs mainly based on the ANZ Insight API provided by the ANZ Bank. ANZ Insight API provides various kinds of data located in ANZ bank systems. By taking advantage of this API, we are going to build Web applications focusing on the potential business needs of small businesses. The applications will enable them of reviewing the basic information of their business like sales, profit or debts etc. It is also supposed to deliver some sort of advanced functionality like dynamically interacting with the application to do analysis or prediction through graphical user interface.

In this phase, we will investigate the available APIs which would be used to visualize data, decide which of them can be used and which of them are mostly suitable for building the web application during the project through research and discussion. Possible research and discussion results regarding the pros and cons, background technologies and expendability of the third party API would also be included.



The above diagram illustrates the holistic view of what this project does and major components that the project will be interacting with.

Another major task at this phase is to do the brainstorming, we would come up with a host of issues we may have to practically deal with during the project, and suggest solutions which may address these issues. The issues/questions raised during the brainstorming session shall also be recorded and included.

Finally, since the ANZ API is only for research use, it is not commercialized yet. In addition, there’s also no firmed user/customer requirement at this moment. Thus at the beginning of this project, a crucial task emerges. We have to put ourselves into users’ shoes to assume the potential requirements of the customers (who are mainly users from small businesses). That may somehow decide the direction where the project goes.

# **Technology/API Investigation**

## What is Visualization?

## How Visualization works?

## Analyze Current Mainstream Visualization APIs

Google Charts

Chartio

API3

API4

## *Conclusion*

# **Brainstorming Q&A**

In this section, the questions raised and potential answers provided during the Brainstorming sessions have been recorded. In addition, the conclusions are also included if the team reaches a consensus on any of the individual question.

### **How to maintain the effective communication throughout the team?**

**1. A discussion group on Facebook**

**2. Routine weekly meeting, by taking everybody’s available schedule into consideration.**

**3. Everybody checks the posts on Facebook discussion group time to time.**

**4. For urgent issues, make contact with team members through cell phones.**

### **Where to store files including documents and program code?**

**1. Github, a web based version control utility.**

**2. Google Doc, a web-based file sharing utility.**

**3. Dropbox, a web-based file sharing utility, integrated with Facebook.**

### **What is BPEL and IAAS?**

**1.**

### **How to use BPEL and IAAS for our project?**

**1. Gith**

### **Where to deploy our project APIs/Web Applications?**

**1. Git**

### **How to test our project APIs/Web Applications?**

**1. Git**

### **Do we need to test the maximum capacity of our APIs/Web Applications?**

**1. Git**

### **More quesions and answers goes here...**

# **Summary**