

# Bi-Weekly Report

## Team 17 Atos Gamification

Date: 18 Nov 2016

Team Members:

LUONG VU  
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KIM HYOJONG

# Overview

Made a clear outline on the factors that will decide how successful the project is. We had a meeting in order to plan our timeline. Also, we researched and decided more on the details of the project, amongst ourselves with helps from various sources.

## Meetings

### 15 November 2016

We had a meeting to decide on necessary project languages. Instead of using python or objective C in order to incorporate OpenCV library, we found JAVA being able to do both API and OpenCV. Thus, we decided on JAVA as the main language, to write both the API and make use of OpenCV library.

### 17 Nov 2016

We had a meeting to discuss the fundamental timelines of the project, such as deadlines for certain researches, and approximated the time needed for the researches for the further applications of the project, as well as more looking into more options for better choices for API and image processing.

## Progress of the Project

### Task Completed

- Using OpenCV and testing it out on Java Environment
- Communicated with ATOS to decide on what could be considered a success.
- Viewed OpenCV library in details
- Viewed and researched on necessary algorithms.
- Set deadlines on other tasks.

### Problems

- We still have not distributed the work amongst ourselves
- Java OpenCV requires complex installment, so we might have to figure other ways to do so.

### Plan

- Have a couple more meetings to decide on details of objectives and goals
- Become more familiar with OpenCV and server-side Java

## *Individual Section*

### **Vu Luong**

I wrote emails to discuss the factors that could decide whether the project could be considered successful. Also, I have installed and tried out many features of OpenCV, and have also come up with potential obstacles that could slow down the development process.

### **Arjun Khurana**

I've done research to incorporate OpenCV into the Android development environment, as well as assisted Vu Luong on his research. Also, I've researched on what algorithms of OpenCV would come handy, when it comes to the actual ad-board recognition.

### **Kim Hyojong**

I've researched on Java API that could serve as one of the outlet points. There are different frameworks available for the same task, so I've tried finding non-blocking frameworks, as well as libraries that could incorporate other libraries within, so we could use OpenCV along with it.