# Progress Report 1

**Objectives**

- To create a sample Android application that successfully connects to AWS servers and calls the Rekognition API.
- To create a sample Android application that captures videos through the phone's camera, and stores the video feed to internal hard-drive.

**Result**

- Successfully setup IAM users for Keming, Pulkit, and Karthik, under Keming's root user.
- Successfully setup Keming's S3 bucket and Cognito Identity Pool for data upload.
- Successfully setup Keming's BIOS to allow emulation of Android phone for testing.
- Successfully setup Node.js®, npm, CLI, and the Amplify framework for mobile dev.
- Successfully created sample application and printed Hello World in main-activity.
- Failed to integrate Amplify with sample application using AWS tutorial.
- Discovered android app template and tutorial to run Rekognition.
  **Tutorial**: https://medium.com/how-to-integrate-aws-rekognition-in-android/aws-rekognition-in-android-9d16f16d591c
  **Template(s)**: https://github.com/awslabs/aws-sdk-android-samples
- Downloaded template, finished setup, found missing main-activity.

**Breakdown of Time Spent**

Figure 1 demonstrates the breakdown of Keming's time spent on Six Sense in week of 10/20 to 10/26, with total of 6 hours.

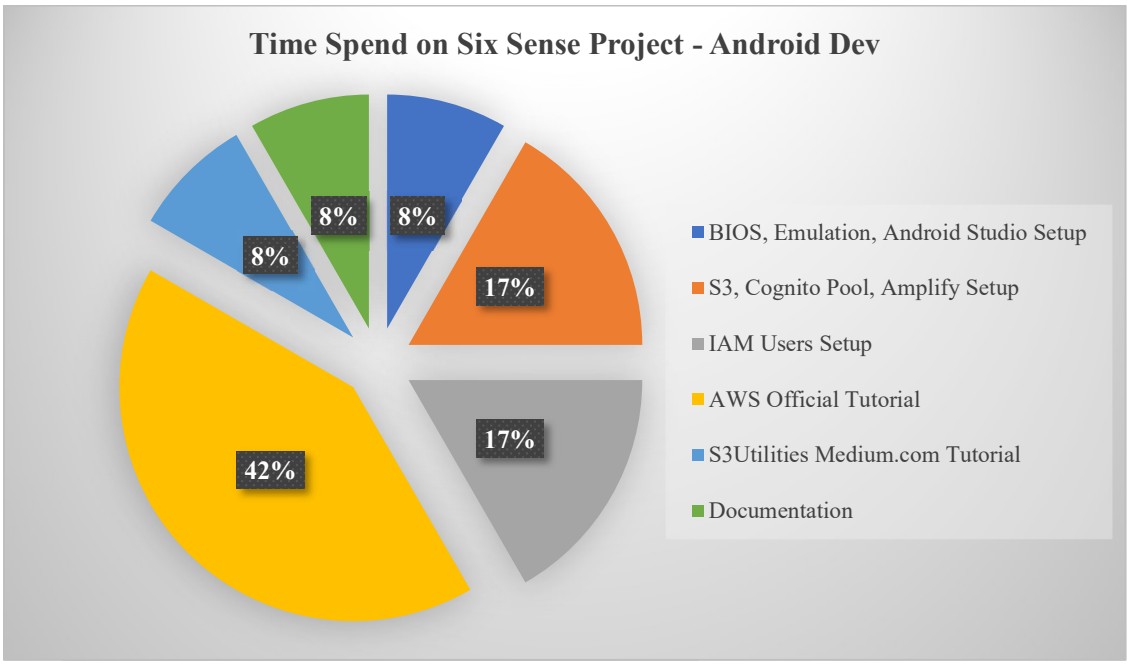


Figure 1 Breakdown of time spend on six sense

**Forward**

For week of 10/27-11/2:

1. Finish following the S3TransferUtilities tutorial with Rekognition;
2. Integrate sample main activity to template; -- end of hackathon
3. Test prototype with sample video input. – end of Nov. 9

Addition development goals and due dates are listed in Table 1 below.

Table 1 Android App Dev Timetable