Vision and Scope Document

for

Improving Consistency of Internet Access in APC: Bandwidth Management and User Policy

Asia Pacific College – School of Computing and Information Technologies (SoCIT)

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# Student Requirements

To be able to access the information needed for the studies of the students through the internet, they must have a stable internet connection so that the flow of information will be received effectively by the students.

## Background

A project that concerns the problem of slow and unstable internet of APC. The project aims to provide a solution to make a more stable internet access in APC. In time, the researchers will test the current proposed solutions in a controlled environment to determine which solution is the best to implement if not all.

## Student Opportunity

An encouragement for the students to simply study without having to go through the books, instead look for an e-book online which will save a lot of time, not only the e-books, there are also a lot of educational communities existing online. They can provide answers to the student questions. This may give the students an opportunity to explore the information in the world further without much delay. This also provides an opportunity to the students to study at school, being able to ask other people questions regarding a topic they are having a hard time with. This will eliminate the reason of going home to have better internet access and doing the studies alone, not being able to ask.

## Objectives and Success Criteria

To provide APC with a stable internet connectivity, a constant 50 kb/s or above download and upload speed throughout the network. Minimize unnecessary browsing by implementing a web filter that blocks website and provide a bandwidth control feature.

## Student Need

Other than books, the students need other kinds of resources that can be easily accessed without going through the hassle of finding it physically. This means the need of internet to access online information to help the students with their studies.

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## Risks

The risk of this project will affect the students and the school itself. It answers to the question of what if the school has an unreliable internet.