**SOFTWARE MODELLING**

**WIA 2002**

**PROJECT PROPOSAL**

**Topic: Online Payment System for higher education institute.**

**Students Name : Matric Number :**

Muhammad Taqiuddin bin Shokordey WIF 160072

Muhammad Asnawi Bin Mohd Khairy WIE 160051

Mohd Azmi Bin Nursyal WIC 160074

Muhamad Syadzwan Bin Azman WIE 160046

Zamil Bin Zainol

Nur Syafiqah Binti Ahmad Shaudi WIF160074

**EXECUTIVE SUMMARY**

The following is a proposal for college online payment system consisting of the combination of an online banking and web service. College e-payment system is a web payment system and services which allow users to pay their college fees on the net. The system opted the most popular paying method whereby the goals are to simplify the fees payment effort. Students no longer need to go extra miles carrying cash to physical bank to pay college fees.

The project only involve the software development process and will not require any hardware development. The online payment system allow users to view their fees summary and make a payment as well. Users will be redirected to their chosen online banking website and from there, the outstanding amount of the fees will be shown after they login where it will ask the user to confirm the amount and proceed with the payment. The amount will be deducted from user’s bank account and the system will redirect back to the college e-payment system page. The transaction has been recorded in the system and students can print the receipt as a proof of payment.

**INTRODUCTION**

In 21st century, the technologies have evolve from time to time. Modern days required modern solution but in certain higher learning institution, they still opting for conventional approach/method to their procurement process. This method which involves the related parties to make payment and collecting fees by using traditional ways is quite burdensome to the related party. This paper propose to implement an easier and more efficient payment and procurement system for colleges.

The motivation behind this project is the effort to thrive along with the technology advancement. College e-payment system will be made available for students and the college itself as a stepping stone in fulfilling the goal. The proposed system should be opted by every college in existence to ensure a very minimal to none transaction error. The system act as a dealer between a student and college treasury whereby it will record all the transactions made as well as retaining it for future reference. It is guaranteed to be a hassle free method to make a payment.

The system is highly potential and sustainable as we moving on to the future. It can be expanded with varieties of features such as security, scan and pay, and many more. Adding to the more benificial point, the system also not very expensive to implement compare to other system. The system is fairly easy to implement as it is a very dedicated system made only for fees payment.

**PROBLEM STATEMENT**

There are still many higher education institutes that are still pulling the conventional method of how the students pay the college fees. It is far fetch from efficient and time consuming where students need to go to the bank to pay for college fees. Usually, conventional payment method requires the student to fill in form and stamp their thumbprint on the form. Apart from that, some colleges also breakdown their fees structure and require students to pay different fee to different bank account.

Under every circumstances, when performing any transactions, the most vital part of it are to record and keep track the transactions. Using the conventional method, both parties whether the students or college treasurer find it difficult to keep track of the payment made. As for the students, the bank will only provide them with physical payment receipt or slip which eventually and most probably will lose or fade. The issue arised when the college could not track the transactions or payment even it has been made by the students but unfortunately, the physical receipts are nowhere to be found.

**OBJECTIVES**

Referring to the problem statement that we came out with and based on our research regarding the issues, we try to opt-in the online payment method through the college web system. The system thrive to ease the way and shorten the time when students want to pay for their college fees. Based on our findings, we can conclude three objectives of the project:

1. To implement online payment system for college fees.
2. to thrive along with the technology advancement
3. To keep track of payments and transactions made.
4. To ease students when they make their payment.

**EXPECTED OUTPUT**

1. Students able to pay college fees by using online payment implemented which is more convenience compare to convensional method.
2. Less effort to make financial transaction.
3. Transaction from both parties can be track to eliminate loss of record.4
4. All transaction are digitaly store.