

**University of Asia Pacific**

Department of Computer Science

**Report**: UAP Repeat Exam Registration & Application Generator

**Submitted By:**

* Arafat Bin Kashem

Id: 16201066

* All Mamun

Id: 16201071

* Mehedi Hassan

Id: 16201073

**Submitted To**

* Tanmoy Sarkar Pias

Lecturer, UAP

**Contents**

ABSTRACT 2

INTRODUCTION 2

MOTIVATION 2

FEATURES 2

TOOL’S DESCRIPTION 3

SYSTEM ARCHITECTURE 8

WORKING PROCESS 10

RESULT 11

FUTURE SCOPE 12

CONCLUSION 12

1. **Abstract**

The goal of the project is to develop an automated repeat examination form generator for the University of Asia Pacific. The student can generate the form with a few clicks by providing some related information like the name, registration ID, and subject code. They don’t even require print out the application to show it to their advisor. That is because, every time a student register and create the form, a notification will be sent to the advisor instantly.

1. **Introduction**

With the blessing of technology, things are now becoming easier and automated for the comfort and ease of the individuals. The Repeat examination application generator can serve great benefits to all the students who require applying for the repeat examination. Now they can apply for the exam from the comfort of their home with just a few clicks from their device.

1. **Motivation**

Every year, hundreds of student requires applying for repeat examination to seat in the backlog examination. They require writing an application the advisor on this purpose. Many students find the procedure a hassle as they have no prior idea about the application structure and which include including and which shouldn’t. More so, the application requires a sign of the advisor. A lot of students fail to submit the application in time as they don’t get the advisor sign just because the advisor is not always present in the varsity.

We are motivated to create this application generator program to make the procedure of applying for the repeat examination.

1. **Features**

Here the main features of the Repeat Examination Application Generator for University of Asia Pacific:

* Create and Generate Application Form
* Submit for the Advisor Approval
* Download and Print Application

1. **Working Process**

The whole projected can be divided into three parts. The first part is all about planning and developing the prototype of the project. The second part is about front-end and the third part was about the back-end and integration.

We developed the prototype by designing the layout of the web pages on the Photoshop application. The layouts required changing for a few times until we get the satisfactory version. In the meantime, we collected the required information for the application. We acknowledged the things we will require for the project and then moved to the second step.

In this step, we started working on the front-end. The works start with by developing the ERD diagram and the table diagram of the project. As the project is completely a new breed, it was quite challenging for us to design the diagrams. Finally, after completing the diagrams, we start designing front-end structure of the web pages.

We designed the web pages with html and inline CSS. However, later we changed the code to the external CSS sheet along with bootstrap for ease of work.

The final part was creating the back end of the project. It was also the hardest part as none of us was previously experienced about PHP. However, finally, we did it with help of the google and YouTube.

1. **Result**

Fortunately, we achieved the result that we wanted. There are some tiny changes in the in the prototype but we are fortunate that we were able to create the application generator 95% as we wanted. Here are some of the snaps of our final product:

**Screen shot**

**SCREENSHOT**

**SCREENSHOT**