**PROJECT REPORT**

**Project Details**

Project name: Events Registration System

Team: Group 2

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**Project Description**

The problem we are trying to solve is that we create a platform for event holders and event participants to host or register an event in our database system. Our system will help event holders to hold an event based on their optimal time and university’s available place. In the meantime, participants register their interested events in our system. By using database, it will be easier for event holders to store their event details and retrieve their interested events for participants. It also allows both parties to modify their information in a convenient way. However, if we use excel file, it will be difficult to modify some information since we need to change every tables in the file. Also, it would be much harder to find and retrieve some certain information if the stored information is complicated.

**Summary**

As this semester long project proceeds, we both found that the most challenging part of this project is making website by ourselves. Creating a website from scratch is not as easy as we imagine before. We learnt php language by ourselves and improve our website GUI for several times. In addition, creating an efficient database is also challenging for us. For milestone 2, we designed our databases for several times and improved it again and again in order to make it more efficient. However, the most interesting part in this project is also creating a website from scratch. Learning a new programming language and applying it to create a user-friendly website are really interesting for us. Besides, we created a take-quiz page for recommending our participants events after finishing a short quiz. This is the part where we think that using a database instead of excel or txt. We also loaded data for both Prof. Zhupa and TAs in our Users table so that they can register as an administrator. Basically, I think we achieved what we planned in Milestone 1. We created a platform for event holders and event participants to host or register an event in our database system. Our system helps event holders to hold an event based on their optimal time and university’s available place. In the meantime, participants are able to register their interested events in our system.

**Future Works**

We will create more graphical methods in UI/UX for both event holders and participants. For example, event participants will be able to create a calendar-like GUI that allows them to check their schedules and what events they had already registered. Similar for event holders, they will also be able to use a calendar-like GUI to see their schedules and how many people had registered the events. In addition, we will a create a more user-friendly system. For instance, if the position is already full for the event, we will create a waitlist for people who have interests in this event. Once one of the registered people cancel his/her registration, the system will automatically add he/she to the participants list.

Besides, we will include a notification system. If someone successfully registered events, we will send he/she a confirmation email. Also, if there are some changes that had been made to this event, we will also send an email to inform participants these changes. Lastly, we will inform event holders about the number of participants up to date in order for them to prepare events in a more convenient way.