

**FAKULTI TEKNOLOGI MAKLUMAT DAN KOMUNIKASI**

**UNIVERSITI TEKNIKAL MALAYSIA MELAKA**

**DIPLOMA PROJECT**

**(DITU 3964)**

**Project Proposal**

|  |  |
| --- | --- |
| **Student Name** | **Muhammad Izham Bin Norhamadi** |
| **Matric No.** | **D031810089** |
| **IC No.** | **000401-14-0187** |
| **Telephone No.** | **019-670 2850** |
| **E-mail** | **D031810089@student.utem.edu.my** |
| **Project Title** | **Group Project Organizer** |
| **Supervisor Name** | **Dr. Zahriah Binti Othman** |
| **Semester & Session** | **Sem 1 2020/2021** |
| **Keywords**  **(maximum 5)** | **1.**  **2.**  **3.**  **4.**  **5.** |

1. **Introduction**

A group discussion is a gathering of individuals, formally or informally to discuss ideas, solve problems, or make comments. In terms of education, group discussions played a significant role in helping students better understand a subject and ensuring projects run smoothly. Knowing this, a student needs a platform to interact and communicate with their group members. Most of the time, student uses a social media platform to fill this need as they are easily accessible and free to use such as Whatsapp and Facebook. Although, these social media platforms have a few problems that made them unappealing. Social medias are known for wasting user’s time or getting them sidetracked with ads and trending posts. Group Project Organizer aims to negate most of these problems and provides a group discussions platform for students. This system will be designed to be simplistic and straightforward to save time. It will also provides tools for students to administer and manage their own groups.

**1.1 Problem Statement**

There are three main problems address in this proposed system which discusses as follows.

1.1.1 Unsuitable features of social media and learning management system (LMS) to assist a group discussion.

Social media offers a forum feature which people could share their opinion and others could respond to it. But the owner of the discussion topic could not restrict the people who could join in responding to his or her opinion. On the other hand, LMS provides a group restriction feature but the administrator of the group must be a lecturer. Hence the students do not have authority to manage their own group.

1.1.2 Difficulty to keep track of the discussion history

. Currently, discussions through social media are not complemented with searching capability. User needs to locate the previous discussion throughout the social media platform manually. This situation consumes lots of time which leads to time-wasting. At the same time, user might overlook the important posts due to lots of incoming messages.

1.1.3 Reminder set up among group members is done individually.

For this time being, each group members independently records the due date reminder using their smartphone’s calendar. Therefore, it is unable to manage the reminder in a group since the setting is personally accessible. As consequence, some members might forget to minute the due date which affect the submission of group assignment.

**1.2 Project Purpose**

The purpose of this proposed project is to establish a web based platform that focused on group discussions. The proposed system will provide functionality such as managing group members, group discussion topics and posts, searching capability and setting reminder. It will be developed to assist online learning which is capable to support online education indirectly throughout covid-19 pandemic.

**1.3 Objective**

* To provide online group discussion platform to support online learning
* The system divides different discussions with posts for easy view and search.
* To trace registered group discussion based on user login
* Students can create and join groups. Administrators among students can approve newcomers to join or manage current members.
* To notify important dates as reminder to the users
* A notification feature that will remind group members of deadlines and important dates.

**1.4 Scope**

Group Project Organizer will be developed as a Web Application. The target users for this system are students and lecturers. The system offers features such as posting and commenting posts, group managing, and notifying users of important dates.

**1.5 Project Requirements**

The software requirement of the project are PHP, Javascript, CSS for programming languanges. Wordpress and Sublime Text as the development tools. Microsoft Windows is the operating system and Xampp as the database. The hardware requirement for this project is a laptop, specification Intel Core i5 1.60GHz dual core 4GB ram 64- bit Operating System.

**1.6 Justification**

Social medias have a few problems that taint the quality of good discussions, thus it is important for students to use platforms that caters toward group discussions. Students also lose time tracking messages from past discussions. This system can save students time with organized posts and search feature of every discussions. Some group members among students often times unaware of project’s deadline. This system will remind groups of each important dates and deadlines.

|  |
| --- |
|  |
| |  | | --- | | Diluluskan oleh AJK Projek Diploma: | |  | | Nama AJK:  Tarikh: | |