**Diary Management System**

**Advance Data Base Design CS-603-B**

##### TechME



Sacred Heart University

School of Computer Science & Engineering The Jack Welch College of Business & Technology

Submitted To: Dr. Reza Sadeghi

Spring 2022

CS-603-B Project Progress Report Phase #1 TechME

**TechME**

Title Page

# Final Project Report of

# Diary Management System (DMS)

TechME TechME

### Team Members

1. Kiera Cutri cutrik@mail.sacredheart.edu
2. Ankush Chaudhari chaudharia@mail.sacredheart.edu
3. Omar, Mostsfa Hussien [omarm2@mail.sacredheart.edu](mailto:omarm2@mail.sacredheart.edu)

### Roles of Team Members

1. Kiera Cutri (Team Head)
2. Ankush Chaudhari (Team Member)
3. Omar, Mostsfa Hussien (Team Member)

CS-603-B Project Progress Report Phase #1 TechME

## Table of Contents

[Table of Contents 3](#_TOC_250000)

Team Member Introduction 4

Project Summary and Motivation 5

N/A 6

N/A 7

N/A 8

N/A 8

N/A 8

N/A 12

**Team Member Introduction**

**Kiera Mariah Cutri**

SHU ID Number: 0813395

SHU Email: [cutrik@mail.sacredheart.edu](mailto:cutrik@mail.sacredheart.edu)

Kiera Cutri is a current Computer Science graduate student at Sacred Heart University; they have previous experience with C++, C#, Java, and Python. Kiera has previously worked at the Sacred Heart Factory as a level one technician for 3 years where she gained experience with troubleshooting various software issues; she has also performed various repairs and upgrades to her laptop.

I met Ankush after the first Advanced Database course and we conversed about interests, backgrounds, and hobbies. After finding common ground for interests, I thought that he would be a good partner for the project, he reached out to me first regarding group work. Omar reached out to Ankush regarding wanting to work with the team by email; after Ankush and I reviewed his Flipgrid introduction video, we thought him to be a perfect addition to the team. The team leader was decided through a discussion of responsibilities and through deciding who would prefer to take the role.

**Ankush Chaudhari**

SHU ID Number: 0882634

SHU Email: [chaudharia@mail.sacredheart.edu](mailto:chaudharia@mail.sacredheart.edu)

I am Ankush Chaudhari. Presently, I am a graduate student at Sacred Heart University. I have completed my Undergrad in Electronics and telecommunication engineering; after, I used to work for an MNC as an implementation consultant for 1.6 years. Basically, my role was to handle ERP systems, Client relations Project Management, Vendor Management, provide clients hands on training on the system, and design and integrate the system according to client requirements. I am very passionate about my work role. my team has received an extra mile reward for completing the project before the deadline.

It was the first day of my Database Management class. I was seated in the first row. Kiera was seated towards my right. We had little conversation regarding the software installation and some doubts. After class we had a brief conversation regarding our backgrounds. Kiera completed her undergraduate in gaming, she also told me about her interest in various programming languages which she has known. On that point I decided that Kiera is a perfect team partner and head, so I approached her and now we are a team.

**Omar, Mostafa Hussien**

SHU ID Number: 0889859

SHU Email: [omarm2@mail.sacredheart.edu](mailto:omarm2@mail.sacredheart.edu)

I have experience in network and IT projects that work based on SQL databases. This is the second semester for me as a computer science major. I have some experience with the Java programming language, and I am currently learning Python and C++. I like to work in teams to share knowledge between us, gain new experiences, and learn other approaches.

I looked for group members by looking at the Flipgrid introduction videos and thought that Ankush would be a good group member, I reached out to Ankush and Kiera to be a part of their project group.

**Purpose**

The purpose of the Diary Management System (DMS) is to aid staff members within a department to collaborate and organize. This system allows faculty members to update their activity details within a diary that is accessible to relevant users. Permitted users will have access to the activity of specific events that have been logged within the system. This proposed system aims to minimize the time burden imposed on faculty members by allowing users to search for a colleague's log within their diary. The Head of Department (HOD) will be able to view each faculty member's diary logs.

**Scope**

TechME aims to produce an application that will provide greater ease for users by allowing users to effortlessly search and find records that pertain to other colleagues. This system provides users with an advanced and secure way to store documents than can be accessed by higher ups within a department.

**Motivation**

These days, everything is stored within databases. Our staff continues to use more traditional logging methods when recording work information. To make the most out of current technology, we are creating a work diary management system which will allow faculty members to upgrade their work from traditional logging techniques to databases.

**Literature Survey**

Keeping logs to maintain work records daily allows faculty members to keep track of their work in their department. Each faculty member keeps and maintains a traditional diary which stores logs of their workday. Faculty members input various information relevant to their workday such as attendance, course number, semester taught, comments for the class, and content covered during lecture. The diary logs are later reviewed by the Department Head at the end of the day. Within our college, every faculty member keeps and maintains a work diary to enter logs of their workday daily. By maintaining a work diary, it allows faculty members to detail their workday and keep a log that would be available to other coworkers within their department. By having a diary system in place, it allows others to know the daily routines of faculty members and allows for easier assignment based on availability.