PROJECT

System Analysis & Design - IS2106

Eterna Care - Online Cemetery Allocation System

Group 19

(Team Biverse)

Version 1.0

April 01, 2024

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1. INTRODUCTION

1.1 Purpose

In today's Sri Lanka, the operation of crematoria stands out as a significant issue in the wider context of cemetery maintenance. Addressing this issue aims to alleviate challenges arising from problematic crematorium bookings and subsequent difficulty in finding alternatives. Moreover, it aims to reduce reliance on manual systems, which create significant obstacles for local councils responsible for managing these operations efficiently.

1.2 Intended Audience

The intended audience for Eterna Care includes municipal authorities, relevant agencies involved in end-of-life services, and grieving families across Sri Lanka. Municipal authorities are key stakeholders who will benefit from a streamlined crematorium booking process and improved management capabilities. Eterna Care's facilities are also suitable for relevant agencies responsible for issuing death certificates and accessing critical post-mortem information. Finally, bereaved families who seek efficient and compassionate support during end-of-life rites will be the ultimate beneficiaries of the system.

1.3 Project Scope

Eterna Care's project scope includes the development and implementation of an online system tailored to address the challenges associated with cremation operations in Sri Lanka. Specifically, the scope includes:

- Design and deployment of a user-friendly digital platform to streamline the crematorium booking process.
- Provide transparency in the availability of crematoria across the city to empower municipal authorities to manage cremation requests efficiently.
- Facilitate seamless referrals to alternative crematoriums in the event of booking conflicts.
- Integrate functionality beyond reservation management, such as expediting the issuance of death certificates and accessing critical post-mortem information.

- Ensuring that the system is accessible and easy to use for municipal authorities, relevant institutions, and affected families.
- Conduct thorough testing and validation to ensure system reliability, safety and effectiveness.

1.4 Project Timeline

Phase	End date	Status
Requirement Gathering	01/04/2024	In Progress
System Analysis & Design	17/04/2024	Not started
UI/UX Design	23/04/2024	Not started
Prototype Development	13/05/2024	Not started
Testing & Evaluation	19/05/2024	Not started

1.5 References

[1] "Digital Cemetery Mapping - Cemify," [Online]. Available: https://www.cemify.com/.

[2] "Anuradhapura Municipal Council," [Online]. Available: https://anuradhapuramc.lk/.

[3] "FuneralTech," [Online]. Available: https://www.tributetech.com/funeral-tech.